

Utility Assessment Report

US 41/SR 45 at CSX Grade Separation

From S of SR 676 to N of SR 676

**Project Development & Environment (PD&E) Study
Design Change Reevaluation**



Florida Department of Transportation

District 7

Work Program Item Segment No. 440749-1-32-01

ETDM Project No. 14345

Hillsborough County, Florida

March 2023

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

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Hillsborough County, Florida

February 2023

Prepared by:

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EXECUTIVE SUMMARY

This Utility Assessment Report was prepared to evaluate the utilities within the project corridor. The data collected from the Utility Agency Owners (UAO's) includes their green lines/as-Builts of the project area describing what facilities they have on the project.

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Table of Contents

| | | |
|-----------|--|------|
| SECTION 1 | INTRODUCTION | 1-1 |
| 1.1 | Project Description | 1-1 |
| 1.1.1 | Purpose & Need..... | 1-2 |
| 2.0 | UTILITY INFORMATION | 1-4 |
| 2.1 | General | 1-4 |
| 2.2 | Utility Coordination..... | 1-4 |
| 3.0 | UTILITY EXISTING FACILITIES DESCRIPTIONS | 1-5 |
| 3.1 | CenturyLink..... | 1-5 |
| 3.2 | City of Tampa Water..... | 1-5 |
| 3.3 | City of Tampa Wastewater..... | 1-8 |
| 3.4 | Frontier..... | 1-8 |
| 3.5 | Hillsborough County Traffic | 1-10 |
| 3.6 | Hillsborough County Water Resources | 1-10 |
| 3.7 | Spectrum Sunshine State..... | 1-10 |
| 3.8 | Tampa Bay Pipeline | 1-10 |
| 3.9 | TECO Peoples Gas | 1-11 |
| 3.10 | Verizon | 1-11 |
| 3.11 | Zayo | 1-12 |

List of Figures

| | | |
|------------|---------------------------|-----|
| Figure 1-1 | Project Location Map..... | 1-3 |
|------------|---------------------------|-----|

List of Tables

| | | |
|------------|----------------------------------|-----|
| Figure 1-2 | Utility Contact Information..... | 1-4 |
|------------|----------------------------------|-----|

Appendices

| | |
|------------|--|
| Appendix A | Sunshine 811 Design Ticket |
| Appendix B | Utility Marked Plans/As-Builts and Information |
| Appendix C | Utility Impact Table |

SECTION 1 INTRODUCTION

1.1 PROJECT DESCRIPTION

The Florida Department of Transportation (FDOT) is conducting a Design Change and Right of Way (ROW) Authorization Reevaluation of a previous Environmental Assessment (EA) (Work Program Item Segment (WPIS) No. 255598-1) with a Finding of No Significant Impact (FONSI) approved by the Federal Highway Administration on May 24, 1994. **Figure 1-1** shows the limits of the previous PD&E study completed along 22nd Street Causeway/Causeway Boulevard (State Road 676) from State Road (SR) 60 to US 301, in Hillsborough County, Florida. The segment currently being evaluated/advanced is shown as Segment 3 on **Figure 1-1**.

The previous study evaluated anticipated conditions for a 2015 Design Year. The FONSI documented the construction of a six-lane roadway to replace the existing 2- to 4-lane roadway beginning at SR 60 and extending approximately 7 miles east at US 301. Since the completion of the 1994 PD&E Study, Causeway Boulevard has been widened to four-lanes.

The project included a new interchange at US 41/Causeway Boulevard intersection for which the approved concept was a “compressed diamond” interchange with US 41 elevated over Causeway Boulevard. This interchange is also known as a Single Point Urban Interchange (SPUI) or a Tight Urban Diamond Interchange (TUDI). The study identified that the US 41 interchange bridge would carry three lanes of traffic in each direction with a barrier wall separating opposing traffic. The study recommended an additional grade separation of US 41 over the CSX railroad crossing south of Causeway Boulevard while the CSX railroad crossing east of US 41 would remain at-grade with Causeway Boulevard. The concept showed the SPUI ramps oriented along US 41 and one-way, one-lane frontage roads were provided in the southeast and northeast quadrants to provide local property access. Five-foot sidewalks and 4-foot bicycle lanes were proposed along both sides of Causeway Boulevard.

The current study effort being conducted under WPIS# 440749-1 is evaluating various intersection and operational improvements along Causeway Boulevard east and west of US 41 (SR 45/SR 599) along US 41 from south of the Causeway Boulevard intersection to north of the Causeway Boulevard intersection. These improvements include the construction of a grade separation of US 41/SR 45 at the CSX railroad crossing located approximately 1,400' south of the Causeway Boulevard intersection. Bicycle and pedestrian facility improvements along US 41 and Causeway Boulevard are also provided..

1.1.1 Purpose & Need

Purpose

The purpose of this project is to reduce traffic delays associated with the CSX railroad crossing, adequately support the safe movement of vehicle traffic, including trucks and freight, and enhance connectivity and safety for bicyclists and pedestrians.

Need

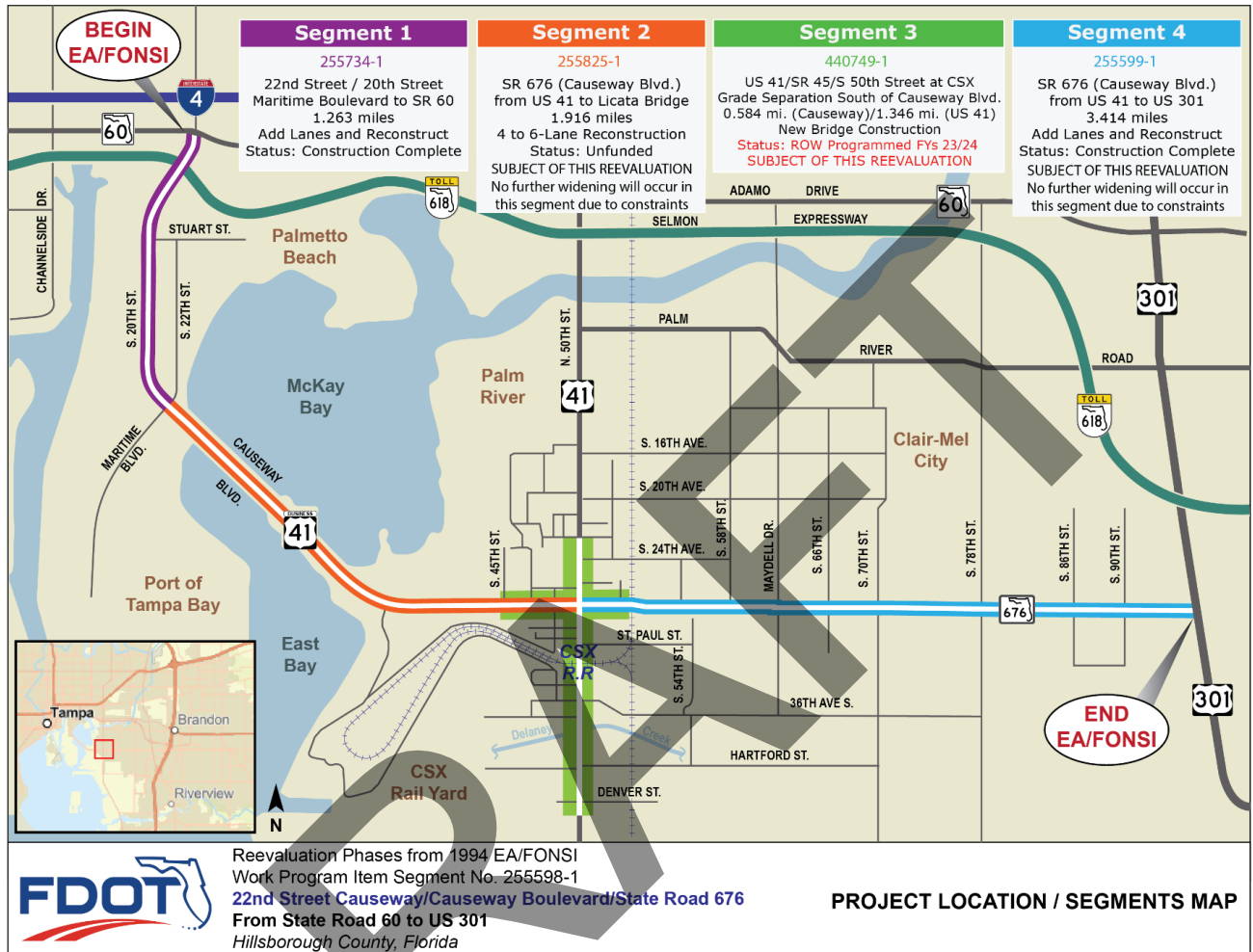
As expressed in the original 1994 EA/FONSI, the need for the 22nd Street Causeway/Causeway Boulevard improvements was based on the following criteria: System Linkage; Capacity; Transportation Demand; Federal, State, or Local Government Authority; Socioeconomic Demand; Modal Interrelationships; Safety; and Navigation.

For the current segment, US 41 and Causeway Boulevard are vital arterial highways which serve the City of Tampa located in Hillsborough County. The US 41/SR 45 and Causeway Boulevard intersection experiences traffic delays during the AM and PM peak periods with heavy truck traffic (approximately 13% of the daily volume) traversing through the intersection. The presence of CSX railroad crossings to the south and east of the intersection also further contribute to these traffic delays. The CSX railroad crossing located to the south of the intersection causes traffic delays particularly during the AM peak period. This project will address traffic delays associated with the CSX railroad crossing to the south of the US 41 and Causeway Boulevard intersection and will facilitate the safe movement of vehicle traffic through the project corridor.

In addition, this project will also address multimodal connectivity and safety within the area. Although there sidewalks and dedicated bicycle lanes along both sides of Causeway Boulevard within the project limits, there are only sidewalks and no dedicated bicycle facilities along US 41 within the project limits. Between 2017 and 2021, there were 10 crashes involving bicyclists or pedestrians. These 10 crashes resulted in 1 fatality as well as a total of 8 injuries.

The proposed improvements have been identified in the Hillsborough County Transportation Planning Organization's (TPO) 2045 Adopted Long Range Transportation Plan (under the Hillsborough County Freight Hot Spots), the TPO's Fiscal Year 2022/23-2026/27 Transportation Improvement Program, as well as the FDOT's Statewide Transportation Improvement Plan and Strategic Intermodal System (SIS) Adopted 1st 5-Year Program. US 41 has also been identified as a Goods Movement Roadway Corridor from I-4 to the Manatee County Line and is a priority project for the National Highway Freight Program.

Figure 1-1: Project Location Map



2.0 UTILITY INFORMATION

2.1 General

The intent of this report is to furnish pertinent information concerning the location, size and characteristics of major utilities found within the proposed study limits (See Figure 1-1).

2.2 Utility Coordination

The preliminary utility coordination and investigation effort was conducted through written and verbal communications with the existing utility owners. A Sunshine State 811 of the Florida Design Ticket System listing of existing utility owners was acquired on April 15, 2019. (Appendix A).

Initially, verbal communication was made to all utility's owners outlining the investigation effort along with the project limits. The list of utility agencies owners (UAO) known to operate utilities within the project corridor include:

Figure 1-2: Utility Contact Information

| Utility Agency | Utility Contact Name | Utility Contact Phone | Utility Contact Email |
|-------------------------------------|----------------------|-----------------------|--|
| CenturyLink | Bradley Morseth | 612-805-9479 | bradley.morseth@centurylink.com |
| City of Tampa Water | Kimani Thomas | 813-460-3731 | kimani.thomas@tampagov.net |
| City of Tampa Wastewater | Richard Rivera | 813-274-8957 | richard.rivera@tampagov.net |
| Hillsborough County Traffic | Darryle Norton | 813-627-1326 | nortond@hillsboroughcounty.org |
| Hillsborough County Water Resources | Warren Gilbreath | 813-209-3075 | GilbreathW@HillsboroughCounty.org |
| Tampa Bay Pipeline | Greg Lipscomb | 813-623-2431 | greg.lipscomb@panamericanpipelines.com |
| TECO Peoples Gas | James Hamilton | 813-309-8531 | jkhilton@tecoenergy.com |
| Verizon | Andrew Cole | 813-847-4037 | andrew.cole2@verizon.com |
| Zayo | Mark Mathis | 252-207-2400 | Mark.mathis@zayo.com |
| Spectrum Sunshine State LLC | Paul Bustamante | 813-538-2924 | Paul.Bustamante@charter.com |
| Frontier | Randy James | 813-892-9692 | randall.james@ftr.com |

For the report's preparation, utility owners were provided aerial based utility plans depicting US 41/SR 45 at the planned project location. Using these aerial plans as a base map, each utility owner was asked to indicate their existing and proposed utilities as well as any easements that may affect their reimbursement rights for potential relocations of their facilities. In response, most utility owners replied via written communications. There was no response from the contacted utilities where they mentioned any easements or reimbursable on this project. The utility owners provided the requested information concerning their facilities using either the utility plans or reference documentation (i.e., "As Built" or GIS maps). "Marked" Plans or reference documentation was received from the following Utility Agency Owners.

3.0 UTILITY EXISTING FACILITIES DESCRIPTIONS

3.1 CenturyLink

Marked plans were received from Bradley Morseth on 5/18/2021 via e-mail. In the project vicinity CenturyLink has 12-1/5" high-density polyethylene (HDPE) conduits containing 72FOC and 216FOC (fiberoptic cables).

12-1/5" HDPE conduit runs along the eastern US 41 ROW throughout the project extent. Proposed project work that may come in conflict includes sidewalk installation, bridge construction, changes to roadway elevation and to MSE, ROW change, roadway milling and resurfacing.

3.2 City of Tampa Water

Marked plans were received from Kimani Thomas on 5/18/2021 via e-mail. The markups show the City of Tampa Water has cast iron pipe (CAS), cast iron-mechanical joint pipe (EMJ), cast iron-caulked joint pipe (ECJ), ductile metal pipe (DIP), and polyvinyl chloride (PVC) water mains within the project vicinity.

B1-2-07: 24" EMJ and ECJ mains are located under US 41 south-bound lane from the southern project terminus to sta. 1044. North of sta. 1044 it runs along the approximate centerline US 41 to the northern project terminus. Proposed project work that may come in conflict includes changes to roadway elevation and to MSE, bridge construction, and profile changes, sidewalk installation, roadway milling and resurfacing.

C76-20-1: As a 2" EMJ, this main is located along the US 41 western ROW from sta. 1005+60 to 1006+40. As a 6" DIP, it extends west from US 41 southbound lane at sta. 1006+45. Proposed project work that may come in conflict includes changes to roadway elevation, sidewalk installation, and ROW changes.

FC22-70: A 6" ECJ main runs along the east ROW and under the north-bound lane of US 41 from sta. 1007 to 1017+40, and then again along the US 41 north-bound lane from sta. 1040+20 to 10444. It crosses US 41 as an 8" ECJ at sta. 1002+25, 1007+30, and 1033+40, and as a 6" ECJ at sta. 1011 and 1017+20. A 6" DIP extends east from the US 41 eastern ROW at sta. 2011+15. Proposed project work that may come in conflict includes changes to roadway elevations and to MSE, bridge construction, sidewalk installation, ROW changes, roadway milling and resurfacing.

F13-4-72: 4" DIP runs along the US 41 eastern ROW from sta. 1019+60 to 1022. Proposed project work that may come in conflict includes sidewalk installation and roadway change to MSE.

A14-4-69: 6" DIP runs along the US 41 eastern ROW from sta. 1022 to 1023+20. Proposed project work that may come in conflict includes sidewalk installation, changes to roadway elevations, and bridge construction.

A14-3-52: 6" DIP extends east from the US 41 north-bound lane, along the north side of Trenton St. Proposed project work that may come in conflict includes change to roadway elevations, sidewalk installation, and ROW changes.

FC36-54: 6" ECJ is located along the US 41 eastern ROW from sta. 1023+20 to 1028. Proposed project work that may come in conflict includes new roadways to properties, sidewalk installation, and roadway change to on MSE.

FC23-83/A15-1-04: 6" ECJ runs along the US 41 eastern ROW from sta. 2060+500 to 2065. Proposed project work that may come in conflict includes ROW changes, sidewalk installation, change to roadway elevation, roadway milling and resurfacing.

FC33-29: 12" ECJ crosses US 41 at sta. 1007+5. Proposed project work that may come in conflict includes roadway changes to at-grade, sidewalk installation, and ROW changes.

C5-1-29: 14-16" steel casing crosses US 41 at sta. 1020+80 in a contaminated area. Proposed project work that may come in conflict includes roadway changes to at-grade and to MSE, sidewalk installation, ROW change, and curb returns increased for WB-62FL.

FC23-34: 2" ECJ extends west from the US 41 south-bound lane main at sta. 1010+60. Proposed project work that may come in conflict includes ROW changes, sidewalk installation, and roadway change to at-grade.

A15-1-04: 6" DIP main extends west from the US 41 south-bound lane at sta. 1014+80, 1035+80, and 1039+80. It crosses US 41 at sta. 1023+20. Proposed project work that may come in conflict includes sidewalk installation, changes to roadway elevations, roadway milling and resurfacing, and ROW change.

E9-2-48: 6" DIP extends west from the US 41 south-bound lane at sta. 1039+80. Proposed project work that may come in conflict includes ROW change, sidewalk installation, roadway elevation change, roadway milling and resurfacing.

C7-1-33: An 8" ECJ crosses US 41 at sta. 1033+40. Proposed project work that may come in conflict includes ROW change, sidewalk installation, roadway elevation change, bridge construction.

FC39-100: 8" ECJ extends west from the US 41 south-bound lane at sta. 1019. Proposed project work that may come in conflict includes changes to roadway elevation and to MSE, sidewalk installation, ROW changes, and curb returns increase for WB-62FL.

FC24-61: 2" ECJ extends west from the US 41 south-bound lane at sta. 1027+50. Proposed project work that may come in conflict includes changes to roadway elevations, roadway milling and resurfacing.

C3-3-09: 6" PVC extends west from the US 41 south-bound lane at sta. 1044. Proposed project work that may come in conflict includes ROW changes, sidewalk installation, changes to roadway elevation, roadway milling and resurfacing.

FC41-3: 8" ECJ crosses US 41 at sta. 1046+65. Proposed project work that may come in conflict includes sidewalk installation and change to roadway elevation.

E14-4-17: 12" DIP extends east from the US 41 north-bound lane at sta. 1060+15. Proposed project work that may come in conflict includes, changes to roadway elevation, roadway milling and resurfacing, and sidewalk installation.

FC42-41: 6" ECJ extends west from the approximate US 41 centerline at sta. 1064+30. Proposed project work that may come in conflict includes sidewalk installation, ROW changes, changes to roadway elevation, roadway milling and resurfacing.

E14-4-21/FC26-56: An abandoned 2" ECJ is located along the US 41 south-bound lane from sta. 1060+40 to 1064+20. Proposed project work that may come in conflict includes changes to roadway elevations, ROW change, and sidewalk installation.

FC27-95: 6" ECJ runs along the US 41 western ROW from sta. 1050 to 1055. Proposed project work that may come in conflict includes changes to roadway elevations, ROW change, and sidewalk installation.

FC29-28: 2" ECJ runs along the US 41 eastern ROW from sta. 1051+50 to 11054+40. Proposed project work that may come in conflict includes changes to roadway elevations, ROW change, and sidewalk installation.

FC22-35: 8" CAS runs along the southern SR 676 ROW from the western project terminus to sta. 3019+20. Proposed project work that may come in conflict includes sidewalk installation, ROW change, and changes to roadway elevation.

J0346: 12" PVC extends south from the SR 676 southern ROW at sta. 3004. Proposed project work that may come in conflict includes changes to roadway elevation and sidewalk installation.

FC22-34: 8" ECJ runs along the SR 676 southern ROW from sta. 3019+20 to 3029. Proposed project work that may come in conflict includes changes to roadway elevations, sidewalk installation, and ROW changes.

C3-3-10: An abandoned 8" DIP runs along the SR 676 southern ROW from sta. 3029 to 3039+80. Proposed project work that may come in conflict includes changes to roadway elevation, sidewalk installation, and ROW change.

FC84-212-02/03/04/05/06: 12" DIP runs along the SR 676 east-bound lane from sta. 3039+80 to the eastern project terminus. Unnamed extensions cross SR 676 at sta. 3041+40, 3043+20, and 3044+10, and 3054+50. From sta. 3060+20 to 3061+60 the pipe is in steel casing. Proposed project work that may come in conflict includes sidewalk installation and changes to roadway elevation.

FC48-32: 6" ECJ extends south from the SR 676 east-bound lane at 3040+80. Proposed project work that may come in conflict includes changes to roadway elevation, ROW changes, and sidewalk installation.

FC55-01: 8" DIP crosses SR 676 at sta. 3057+60. Proposed project work that may come in conflict includes changes to roadway elevation, sidewalk installation, and ROW change.

3.3 City of Tampa Wastewater

Marked plans were received from Richard Rivera on 5/18/2021 via e-mail. The City of Tampa Wastewater has 10" PVC pressurized mains and 8" PVC gravity mains in the project vicinity.

10" PVC pressurized main that crosses SR 676 at Sagasta St. and continues east along the northern ROW, ending outside the project's eastern terminus. Proposed project work that may come in conflict includes ROW change, sidewalk installation, and changes to roadway elevation.

8" PVC gravity main crosses US 41 at the CSX railroad intersection and runs along the north side of the tracks, with casings at the US 41 crossing. Proposed project work that may come in conflict includes bridge construction, ROW change, sidewalk installation, changes to roadway elevation, roadway milling and resurfacing.

3.4 Frontier

Marked plans were received from Randy James on 4/13/2021 via e-mail. In the project vicinity Frontier has 100, 200, 600 buried cables, FOC, 3-4", 6-4", 2-4", 4-4" and 8-4" conduits. At two road crossings conduits are in 10" and 24" steel casing. There are also (1), (3), and (4) aerial cables and overhead guy wires.

3 buried cables (600,200,100) are located along the US 41 eastern ROW from the southern project terminus to sta. 1010+70 (Trenton St.). Proposed project work that may come in conflict includes sidewalk installation, change to roadway elevation, and roadway change to on MSE.

3 buried cables (600,600,600) are located along the US 41 eastern ROW from sta. 1018 to 1022+80. Proposed project work that may come in conflict includes sidewalk installation, changes to roadway elevation, and ROW change.

3 buried cables (600,600,FOC) are located along the US 41 eastern ROW from sta. 1032+20 to 1039+50. This type of line extends west from the US 41 western ROW at S 31st Ave (sta. 1039+50). Proposed project work that may come in conflict includes sidewalk installation, bridge construction, roadway change to on MSE, ROW change, new roadways to properties, roadway milling and resurfacing.

5 buried cables (600,600,600,200,100) run along the US 41 eastern ROW from sta. 1010+70 to 1018. Proposed project work that may come in conflict includes sidewalk installation and changes to roadway elevation.

5 buried cables (100,200,600,600,FOC) are located along the eastern US 41 ROW from sta. 1022+80 to 1032+20. Proposed project work that may come in conflict includes sidewalk installation, bridge construction, roadway change to on MSE, ROW change, and new roadways to properties.

1 buried cable (unknown size or type) crosses SR 676 at sta. 3009+90 and runs along the US 41 western ROW from sta. 1002+40 to 1006. Proposed project work that may come in conflict includes sidewalk installation, changes to roadway elevation, and ROW change.

10" steel casing with copper and fiber cables cross US 41 at sta. 1039+50. Proposed project work that may come in conflict includes sidewalk installation, roadway change to on MSE, ROW change, roadway milling and resurfacing.

3-4" conduits are located along the US 41 eastern ROW from sta. 1043+60 to 1046+60, 1050+50 to 1060+20 and along the western US 41 ROW from sta. 1050+50 to 1067+40. They cross US 41 at sta. 1046+60 (SR 676). They also run along the southern SR 676 ROW from sta. 3034+20 to 3040+60. Proposed project work that may come in conflict includes sidewalk installation, changes to roadway elevation, ROW change, roadway milling and resurfacing.

6-4" conduits run along the eastern US 41 ROW from sta. 1046+60 to 1050+50 and along the SR 676 southern ROW from sta. 3047+50 to 3057+50. They cross SR 676 at sta. 3057+50. Proposed project work that may come in conflict includes sidewalk installation, changes to roadway elevation, ROW change, roadway milling and resurfacing.

2-4" conduits are located along the northern SR 676 ROW from sta. 3049+20 to 3051+80. They also extend west from the western US 41 ROW at sta. 1050+50. Proposed project work that may come in conflict includes sidewalk installation, changes to roadway elevation, and ROW change.

4-4" conduits run along the southern SR 676 ROW from the western project terminus to sta. 3034+20. They cross SR 676 at sta. 3050+30. Proposed project work that may come in conflict includes sidewalk installation, changes to roadway elevation, and ROW change.

Buried FOC cross SR 676 at sta. 3017+60 and extend east from the eastern US 41 ROW at sta. 1051+50. Proposed project work that may come in conflict includes sidewalk installation, changes to roadway elevation, and ROW change.

24" steel casing with 16-4" conduits cross SR 676 at sta. 3034+20. Proposed project work that may come in conflict includes sidewalk installation, changes to roadway elevation, and ROW change.

8-4" conduits extend west from the US 41 western ROW at sta. 1050+50. Proposed project work that may come in conflict includes sidewalk installation, changes to roadway elevation, and ROW change.

(1) Aerial cables extend east from the US 41 eastern ROW at sta. 1010+70 (Trenton St.), 1060+70 (S 24th Ave.) and 1064+70 (S 23rd Ave.). They extend west from the US 41 western ROW at sta. 1018+60 (Raleigh St.). They cross US 41 at sta. 1022+80 (Towaway Ave.), 2053+70, and 1064+70 (S 23rd Ave.). They are located along the US 41 western ROW from sta. 1050+50 (El Camino Blanco Blvd.) to 1053+70 and from sta. 1060+70 (S 24th Ave.) to 1064+70 (S 23rd Ave.). They cross S 24th Ave. at the US 41 intersection (east side of US 41). They cross SR 676 at sta. 3009+80, 3022+60, 3027+30 (S 45th St.), 3034+20 (S 47th St.), and 3037. They are located along the SR 676 northern ROW from 3009+80 to 3013+30 and from 3020+60 to 3022+60. They run along the SR 676 southern ROW from sta. 3022+60 to 3042+90.

(3) Aerial cables cross US 41 at sta. 1053+70. They run along the eastern US 41 ROW from sta. 1053+70 to 1060+70 (S 24th Ave.).

(4) Aerial cables are located along the US 41 eastern ROW from sta. 1060+70 (S 24th Ave.) to the northern project terminus.

Overhead guy wires run along the western US 41 ROW from sta. 1017+40 (Raleigh St.) to 1022+80 (Towaway Ave.) and on SR 676 southern ROW at 3040+40.

3.5 Hillsborough County Traffic

Marked plans were received from Darryle Norton on 1/23/2023 via e-mail. In the project vicinity Hillsborough County Traffic has 2" and 4" traffic system conduits, along with buried fiber bundle and copper cables.

4" traffic system conduits are located along the SR 676 northern ROW from sta. 3046 (US 41, west side) through the eastern project terminus.

2" traffic system conduits run along the US 41 western ROW from sta. 1049 (SR 676, north side) through the northern project terminus.

Buried fiber bundle cables are located along the SR 676 northern ROW from the US 41 intersection (east side) through the eastern project terminus.

Buried copper cables cross US 41 at the SR 676 intersection (north side).

3.6 Hillsborough County Water Resources

On 5/10/2021 Warren Gilbreath reported via email that there isn't any County-owned water, wastewater, or reclaimed infrastructure within the limits of this project.

3.7 Tampa Bay Pipeline

Marked plans were received from Greg Lipscomb on 5/11/2021 via e-mail. The plans show Tampa Bay Pipeline has anhydrous ammonia (AA) 6" carbon steel (CS) pipes in the project vicinity.

AA 6" CS pipes crosses US 41 at sta. 1033+70k, along the north side of St. Paul St. This type of pipe also runs along the SR 676 southern ROW, beginning at the western project terminus and turning south at sta. 4042. Proposed project work that may come in conflict includes bridge construction, ROW change, sidewalk installation, roadway change to at-grade, roadway milling and resurfacing.

3.8 Spectrum Sunshine State

Marked plans were received from Paul Bustamante on 1/24/2023 via e-mail. In the project vicinity Spectrum has buried and aerial FOC and CATV lines.

Buried FOC cross US 41 at sta. 1007+50 (near Hartford St.) and 1051+30 (S 27th Ave.). Proposed project work that may come in conflict includes sidewalk installation, changes to roadway elevation, and ROW change.

Buried CATV cross US 41 at sta. 1017+15 (near Delaney Creek) and 1035+80 (between St. Paul St. and S 31st Ave.). They cross SR 676 at sta. 3027 (S 45th St.) and run along the SR 676 northern ROW from sta. 3027 (S 45th St.) to 3039 (near Sagasta St.). Proposed project work that may come in conflict includes sidewalk installation, changes to roadway elevation, roadway change to on MSE, ROW change, roadway milling and resurfacing, and new roadway to properties.

Aerial CATV and FOC are located along the northern US 41 ROW from the southern project terminus through the northern project terminus. They cross US 41 at sta. 1052 (S 27th Ave.) They run along the SR 676 northern ROW from sta. 3046+60 (US 41, west side) to 3049+20.

3.9 TECO Peoples Gas

Marked plans were received 6/15/2021 from James Hamilton via e-mail. TECO Peoples Gas has 2", 4" and 6" carbon steel (CS) gas mains (GM) in the project area. Some of these are retired mains.

6" CS GM runs along the US 41 eastern ROW from past the southern project terminus to sta. 1007 where it turns east and out of the project area. Proposed project work that may come in conflict includes sidewalk installation, changes to roadway elevation, and ROW change.

4" CS GM/retired OSS cross US 41 at sta. 1010+80, continues north along the western ROW, and terminates at sta. 1023+20. Proposed project work that may come in conflict includes sidewalk installation, changes to roadway elevation, ROW change, bridge construction, roadway change to on MSE.

2" CS GM/retired OSS extends west from the US 41 western ROW at sta. 1023+20 (north side of Towaway Ave.). Proposed project work that may come in conflict includes changes to roadway elevation and sidewalk installation.

2" CS GM are located along the SR 676 southern ROW from sta. 3014 through the project's eastern terminus. Extensions running south from this main exist at sta. 3015+40 and 3041. Proposed project work that may come in conflict includes ROW change, changes to roadway elevation and sidewalk installation.

3.10 Verizon

Marked plans were received from Andrew Cole on 1/24/2023 via e-mail.

(2) 2" HDPE conduit with FOC are located along the US 41 eastern ROW from the southern project terminus to the northern project terminus and along the SR 676 northern ROW from sta. 3047+80 (US 41, east side) to the eastern project terminus. Proposed project work that may come in conflict

includes sidewalk installation, bridge construction, changes to roadway elevation, roadway change to on MSE, ROW change, new roadways to properties, roadway milling and resurfacing.

3.11 Zayo

Marked plans were received from Bruce Herrington on 6/9/2021 via e-mail. In the project area, Zayo has 1-1/4" HDPE ducts 144ct FOC.

(3) 1-1/4" HDPE ducts 144ct FOC are located along the northern SR 676 ROW from the eastern project terminus to US 41, and along the eastern US 41 ROW from SR 676 through the northern project terminus. Proposed project work that may come in conflict includes sidewalk installation, changes to roadway elevation, ROW change, roadway milling and resurfacing.

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APPENDICES

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|------------|--|
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APPENDIX A

Sunshine 811 Design Ticket

DESIGN TICKET

Ticket : 020303092 Rev:000 Taken: 01/20/23 11:52ET

State: FL Cnty: HILLSBOROUGH GeoPlace: PALM RIVER-CLAIR MEL
CallerPlace: PALM RIVER-CLAIR MEL
Subdivision:

Address :
Street : S 50TH ST
Cross 1 : 34TH AVE S
Within 1/4 mile: Y

Locat: DESIGN BEGINS FROM THE INTERSECTION OF S 50TH ST & S 34TH AVE, GOING NORTH FROM ROW TO ROW TO CAUSEWAY BLVD, AND TURNING WEST AT THE INTERSECTION TO CONTINUE FROM ROW TO ROW ON BOTH SIDES OF THE ROAD TO S 47TH ST FOR A TOTAL APPROX DISTANCE OF .62 MI

:
Remarks : DESIGN ONLY, NO LOCATES
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 ***

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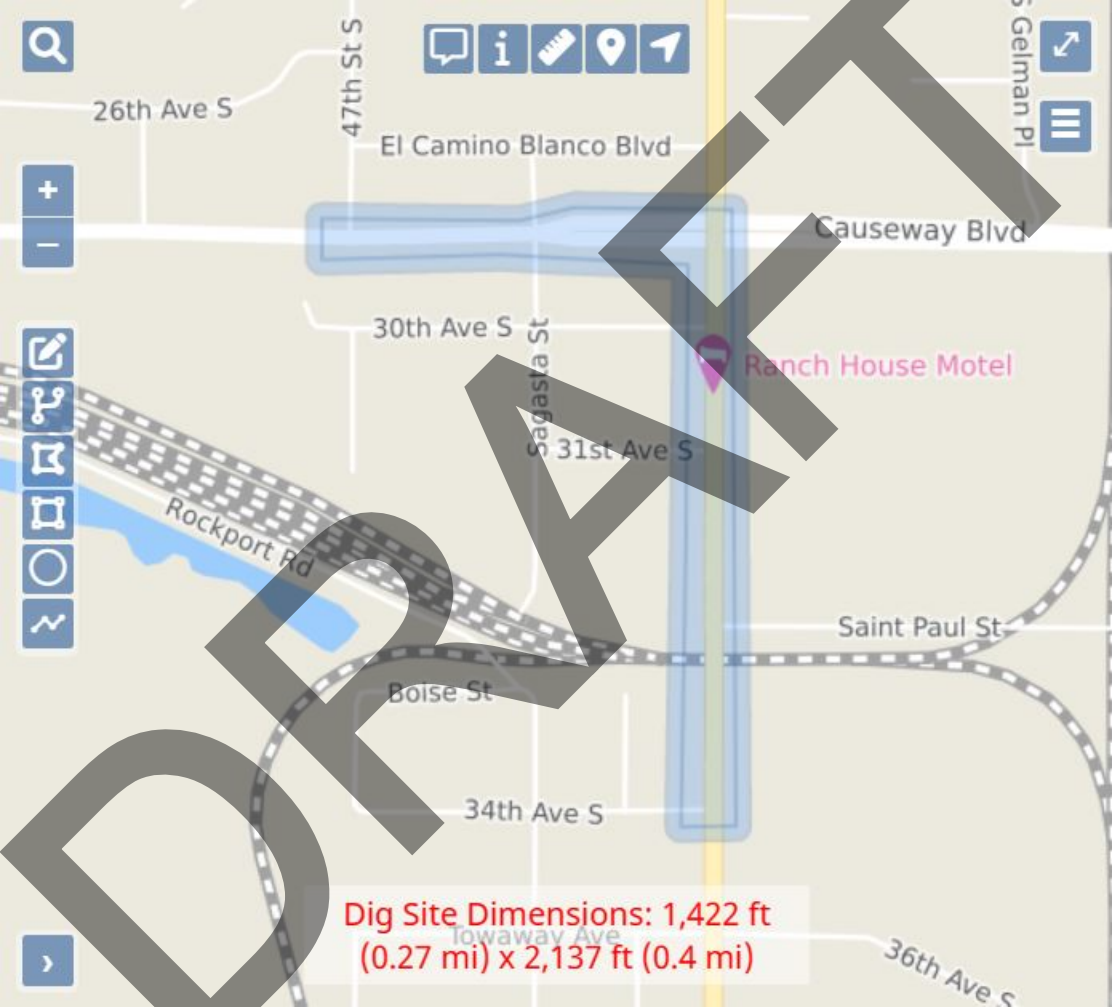
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Work type: DESIGN Boring: N White-lined: N
Ug/Oh/Both: U Machinery: N Depth: UNK Permits: N N/A
Done for : DESIGN

Company : ECHO U.E.S INC Type: OTHR
Co addr : 400 SR 434
City : OVIEDO State: FL Zip: 32765
Caller : CHRISTINA BYRAM Phone: 888-778-3246 Ext: 712
BestTime: 7AM-5PM
Email : CHRISTINA.BYRAM@ECHOUES.COM

Submitted: 01/20/23 11:52ET Oper: CHR Chan: WEB
Mbrs : AL2029 GT1722 HCR409 L3C900 MCIU01 PGSTAM TAMP04 TAMP06 TAMPPL TAMPS1
Mbrs : TEC001 TW1059

* Responses are current as of 01/20/2023 11:52 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 | AMERICAN LIGHTING AND SIGNALIZATION INC AL2029 * New | LIGHTING | CLIFF DOBSON (813) 267-2186 | CLIFF DOBSON (813) 267-2186 | CLIFF DOBSON (813) 267-2186 | |
| 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 | GEORGE AUBEL (813) 927-6751 | HILLSBOROUGH COUNTY CUSTOMER SERVICE (813) 744-9650 | |
| No | CENTURYLINK L3C900 | FIBER | NETWORK RELATIONS (877) 366-8344 x2 | TECH ON DUTY (877) 366-8344 x3 | TECH ON DUTY (877) 366-8344 x3 | |
| No | MCI MCIU01 | COMMUNICATION LINES, FIBER | ASG INVESTIGATIONS TEAM (800) 624-9675 x2 | NATIONAL FIBER SECURITY DEPARTMENT (800) 624-9675 | NATIONAL FIBER SECURITY DEPARTMENT (800) 624-9675 | |
| No | TECO PEOPLES GAS- TAMPA PGSTAM | GAS | JOAN DOMNING (813) 275-3783 | ROGER ROSELLO (813) 422-2805 | TECO PEOPLES GAS CUSTOMER SERVICE** (877) 832-6747 | |
| No | CITY OF TAMPA TRANSPORT TAMP04 | TRAFFIC SIGNALS | VIK BHIDE (TRANSPORTATION) (813) 274-8066 | ANYONE DISPATCH (813) 274-3101 | ANYONE DISPATCH (813) 274-3101 | |
| No | CITY OF TAMPA WATER TAMP06 | WATER | WATER MAPS AND AS-BUILTS INFORMATION (813) 274-7109 | | WATER DEPARTMENT TRIAGE (813) 274-7400 | |
| No | TAMPA BAY PIPELINE CORPORATION TAMPPL | AMMONIA PIPELINE | RANDY HERRON (813) 623-2431 | TBPL OPERATOR (813) 623-5815 | MARTIN GOODE (813) 623-2431 | |
| No | CITY OF TAMPA SEWER TAMPS1 | SEWER | JACK FERRAS (SEWER) (813) 274-8095 | DANIEL HITTLE (813) 898-1384 | CITY OF TAMPA WASTEWATER COLLECTION (813) 898-1420 | |
| No | TAMPA ELECTRIC COMPANY TECO01 | ELECTRIC | ENGINEERING GROUP CSADMIN@TECOENE | LORENZO JONES (813) 275-3427 | SYSTEM SERVICE (813) 223-0800 | |
| No | SPECTRUM SUNSHINE STATE, LLC TW1059 | CATV | GENE GREGORY (863) 333-4763 | USIC DISPATCH OFFICE (CLS) (800) 778-9140 | USIC DISPATCH OFFICE (CLS) (800) 778-9140 | |



Dig Site Dimensions: 1,422 ft (0.27 mi) x 2,137 ft (0.4 mi)

DESIGN TICKET

Ticket : 020303092 Rev:000 Taken: 01/20/23 11:52ET

State: FL Cnty: HILLSBOROUGH GeoPlace: PALM RIVER-CLAIR MEL
CallerPlace: PALM RIVER-CLAIR MEL
Subdivision:

Address :

Street : S 50TH ST
Cross 1 : 34TH AVE S
Within 1/4 mile: Y

Locat: DESIGN BEGINS FROM THE INTERSECTION OF S 50TH ST & S 34TH AVE, GOING NORTH FROM ROW TO ROW TO CAUSEWAY BLVD, AND TURNING WEST AT THE INTERSECTION TO CONTINUE FROM ROW TO ROW ON BOTH SIDES OF THE ROAD TO S 47TH ST FOR A TOTAL APPROX DISTANCE OF .62 MI

:

Remarks : DESIGN ONLY, NO LOCATES

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Work type: DESIGN Boring: N White-lined: N
Ug/Oh/Both: U Machinery: N Depth: UNK Permits: N N/A
Done for : DESIGN

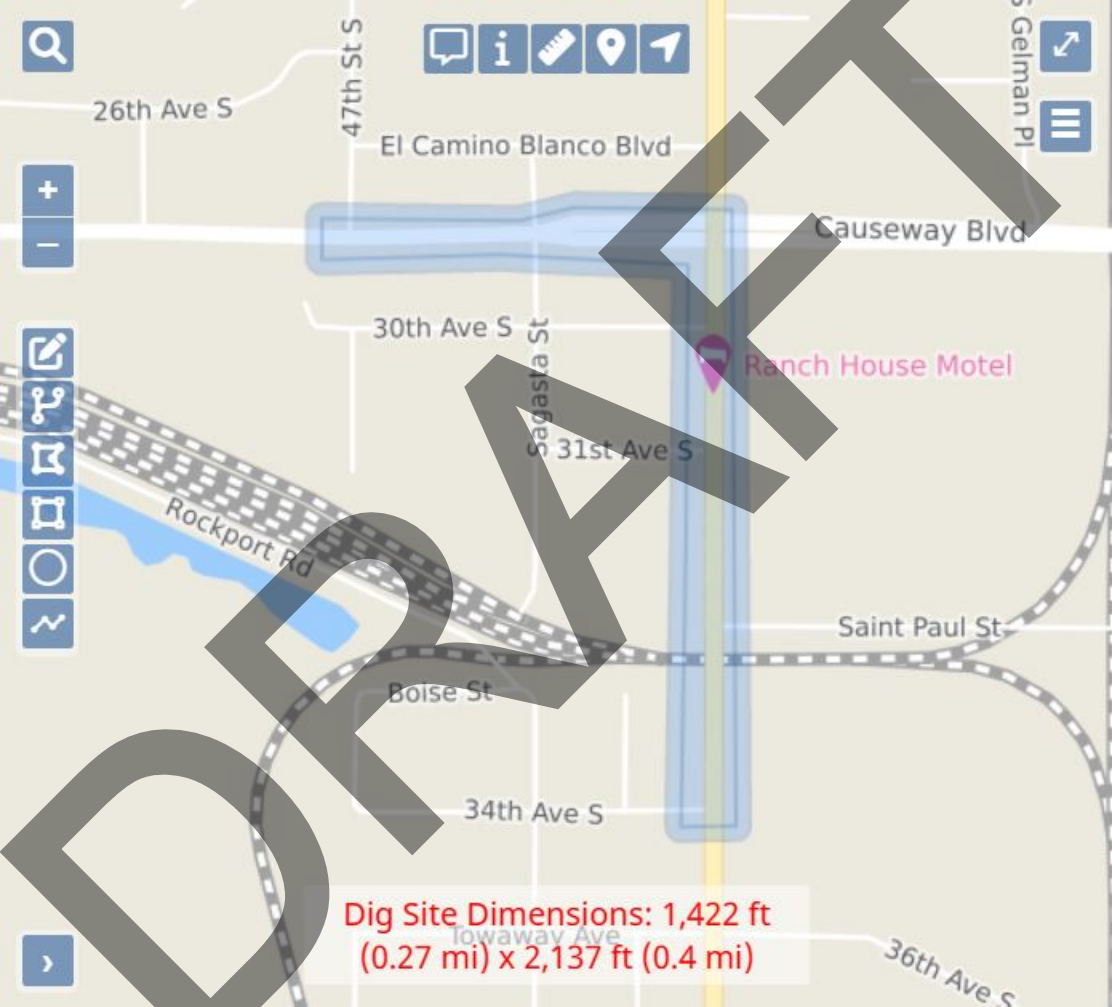
Company : ECHO U.E.S INC Type: OTHR
Co addr : 400 SR 434
City : OVIEDO State: FL Zip: 32765
Caller : CHRISTINA BYRAM Phone: 888-778-3246 Ext: 712
BestTime: 7AM-5PM
Email : CHRISTINA.BYRAM@ECHOUES.COM

Submitted: 01/20/23 11:52ET Oper: CHR Chan: WEB

Mbrs : AL2029 GT1722 HCR409 L3C900 MCIU01 PGSTAM TAMP04 TAMP06 TAMPPL TAMPS1
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Dig Site Dimensions: 1,422 ft (0.27 mi) x 2,137 ft (0.4 mi)

APPENDIX B

Utility Marked Plans/as-Builts and Information

DRAFT



STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

Walid Mosallam

Network Implementation Program Manager [OSP]

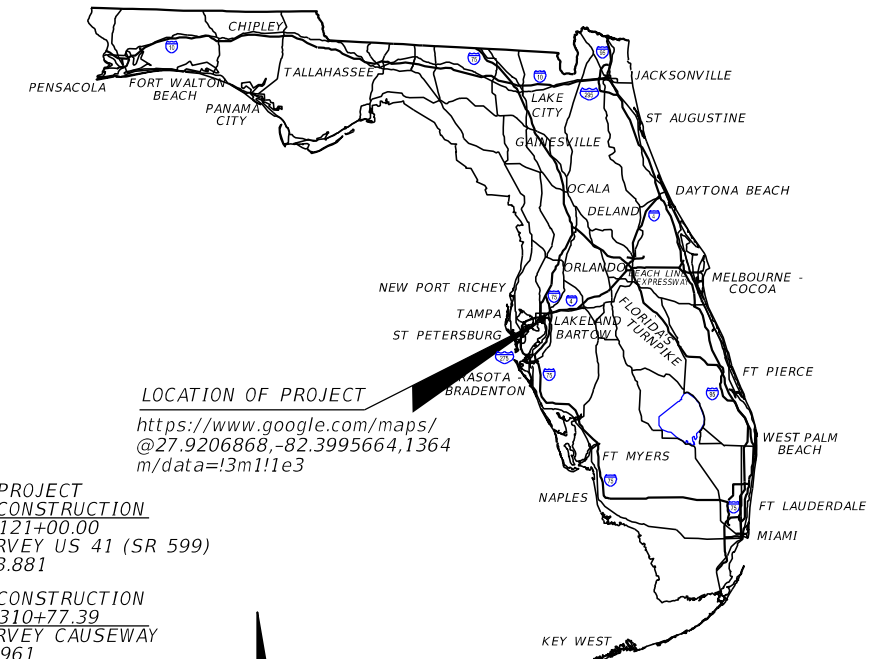
5908 Hampton Oaks Parkway
Suite A
Tampa, FL 33610

Tel: 813-605-7951
Cell: 813-810-4036

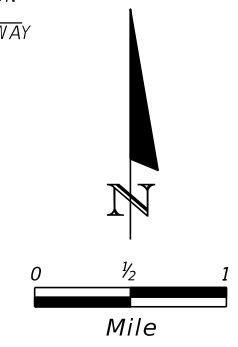
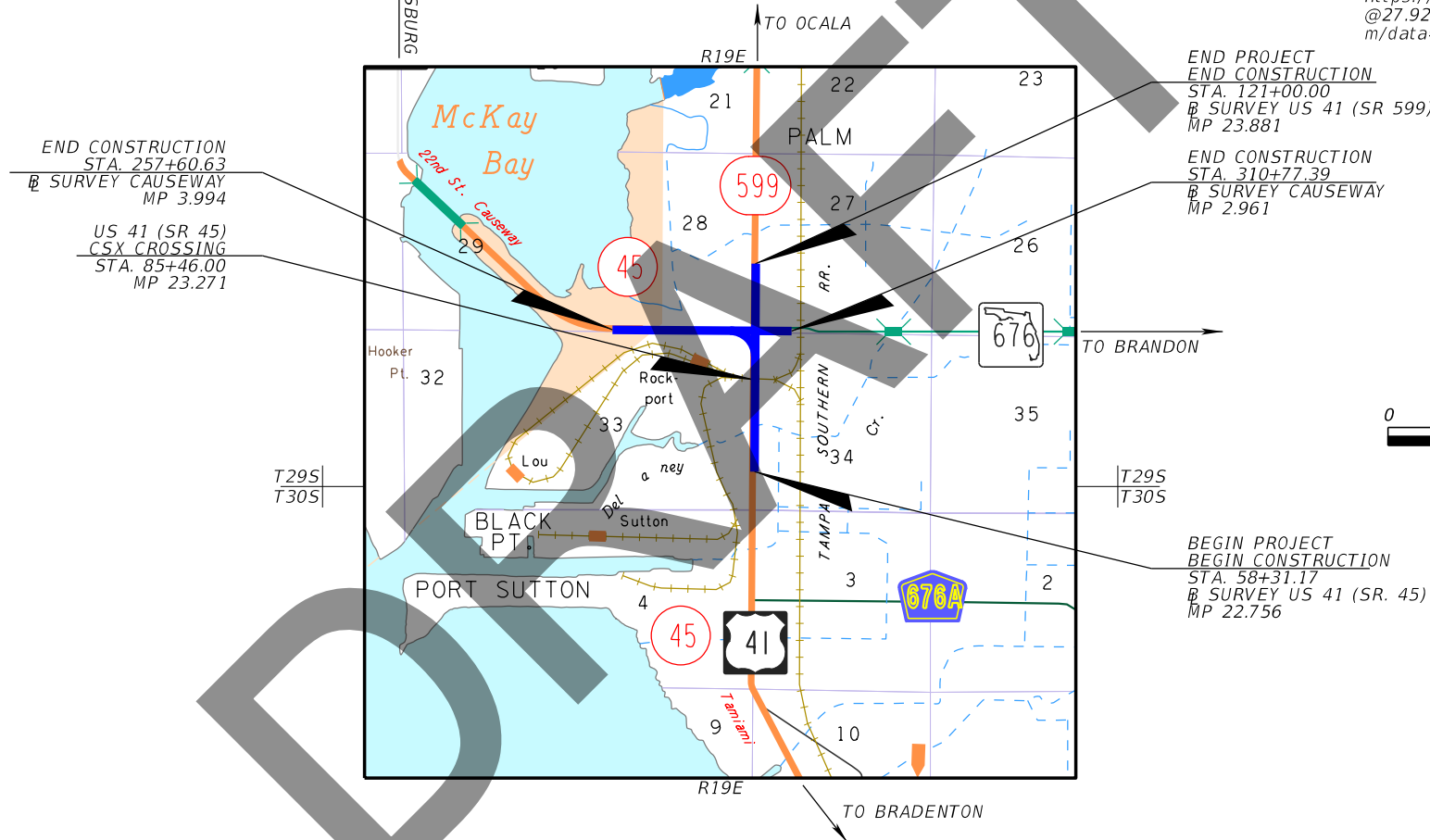
walid.mosallam@lumen.com

lumen.com

FINANCIAL PROJECT ID 440749-1-52-01
(FEDERAL FUNDS)
HILLSBOROUGH COUNTY (10002)
STATE ROAD NO. US41



LOCATION OF PROJECT
<https://www.google.com/maps/@27.9206868,-82.3995664,1364m/data=!3m1!1e3>



GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2021-22 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, July 2022 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

ROADWAY PLANS

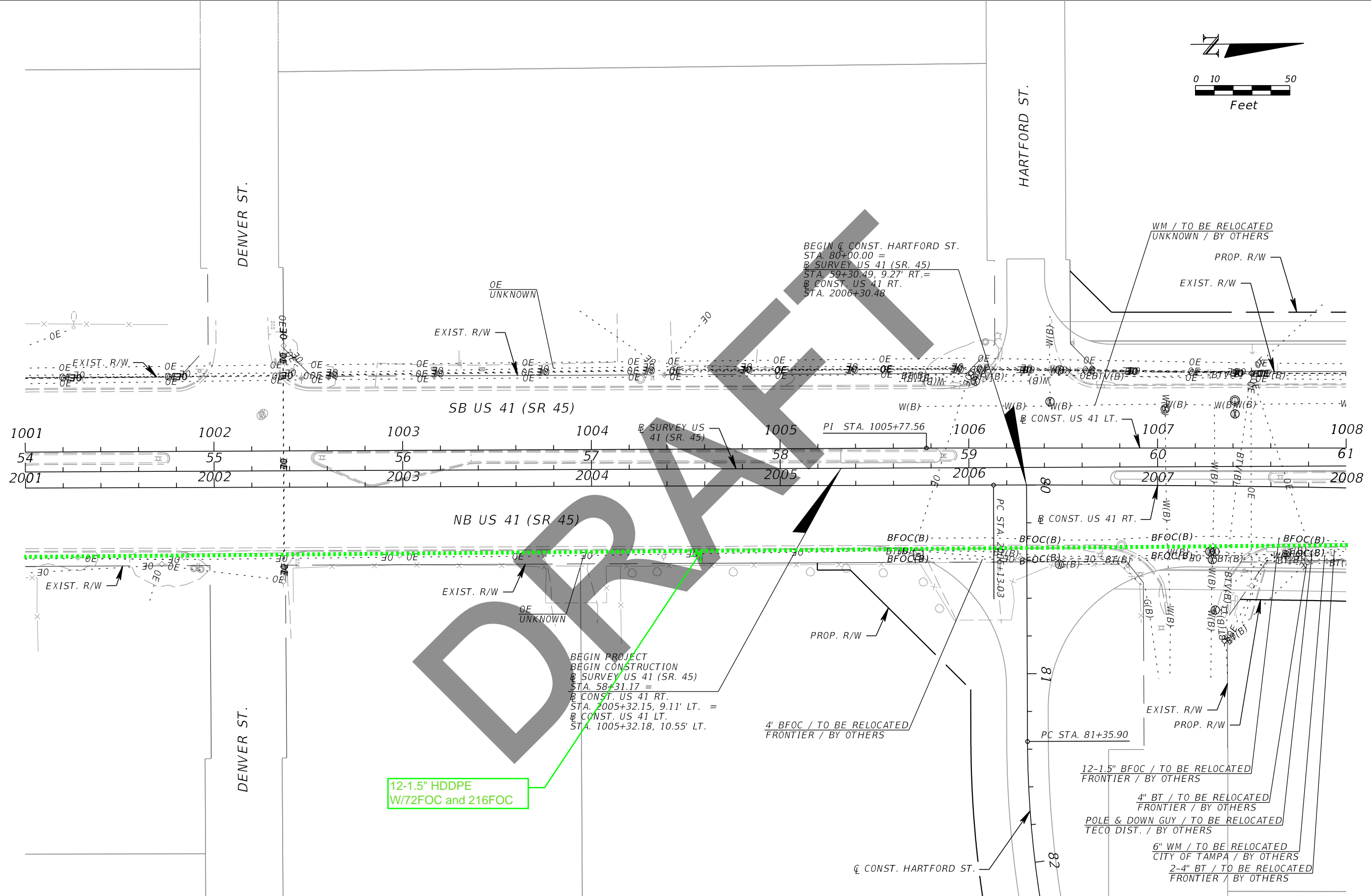
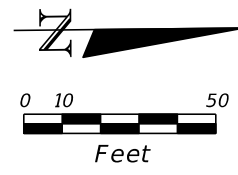
ENGINEER OF RECORD:

BRANAN R. ANDERSON, P.E. NO.: 78438
KISINGER CAMPO AND ASSOCIATES CORP.
CONSULTING ENGINEERS & PLANNERS
201 N. FRANKLIN STREET, SUITE 400
TAMPA, FLORIDA 33602
(813) 871-5331
VENDOR NUMBER.: F59-1677145

FDOT PROJECT MANAGER:

TIM O'BRIEN P.E.

| CONSTRUCTION CONTRACT NO. | FISCAL YEAR | SHEET NO. |
|---------------------------|-------------|-----------|
| TBD | 21 | 1 |



| REVISIONS | | | |
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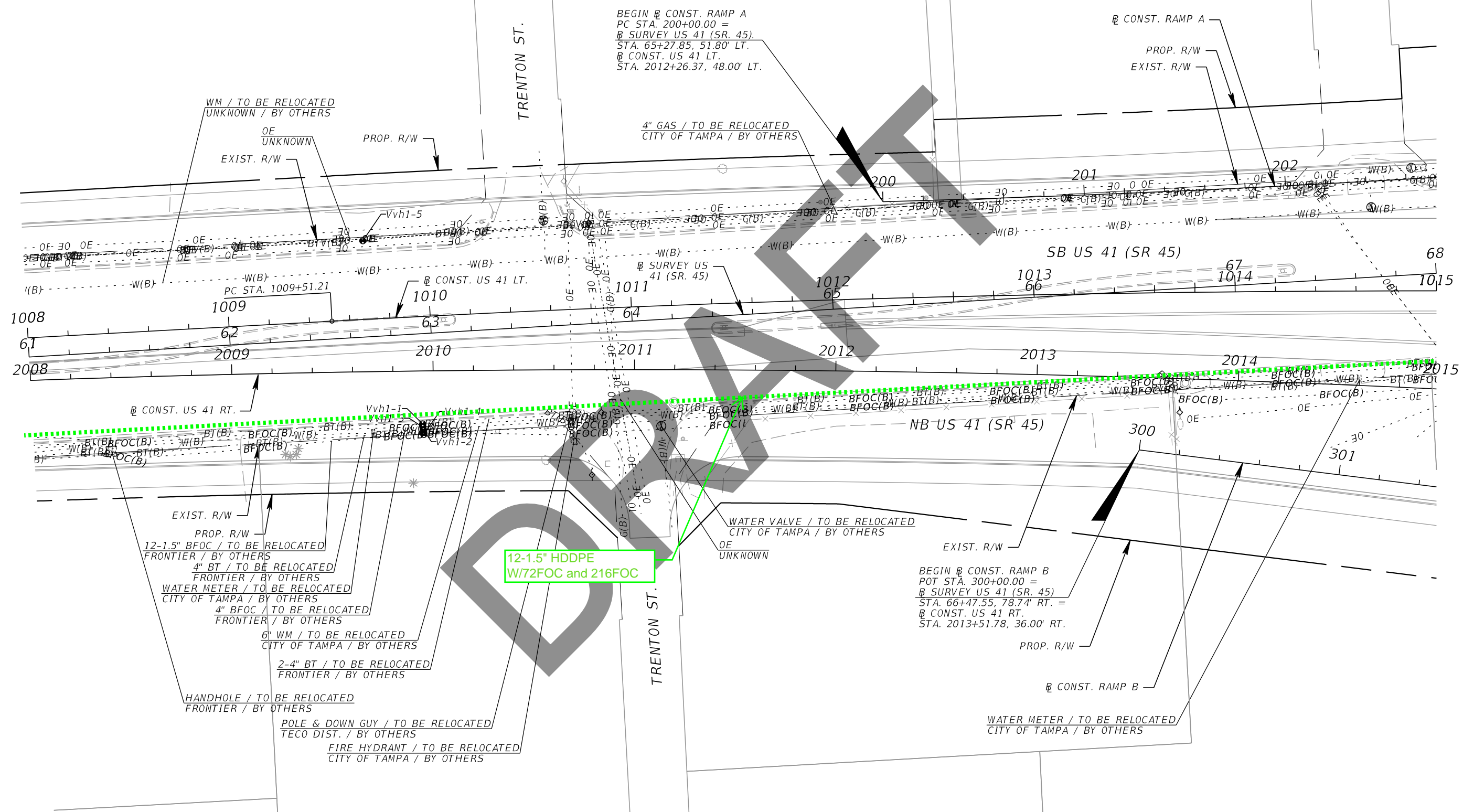
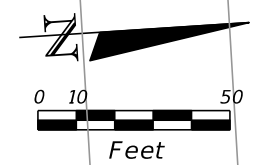
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 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (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.



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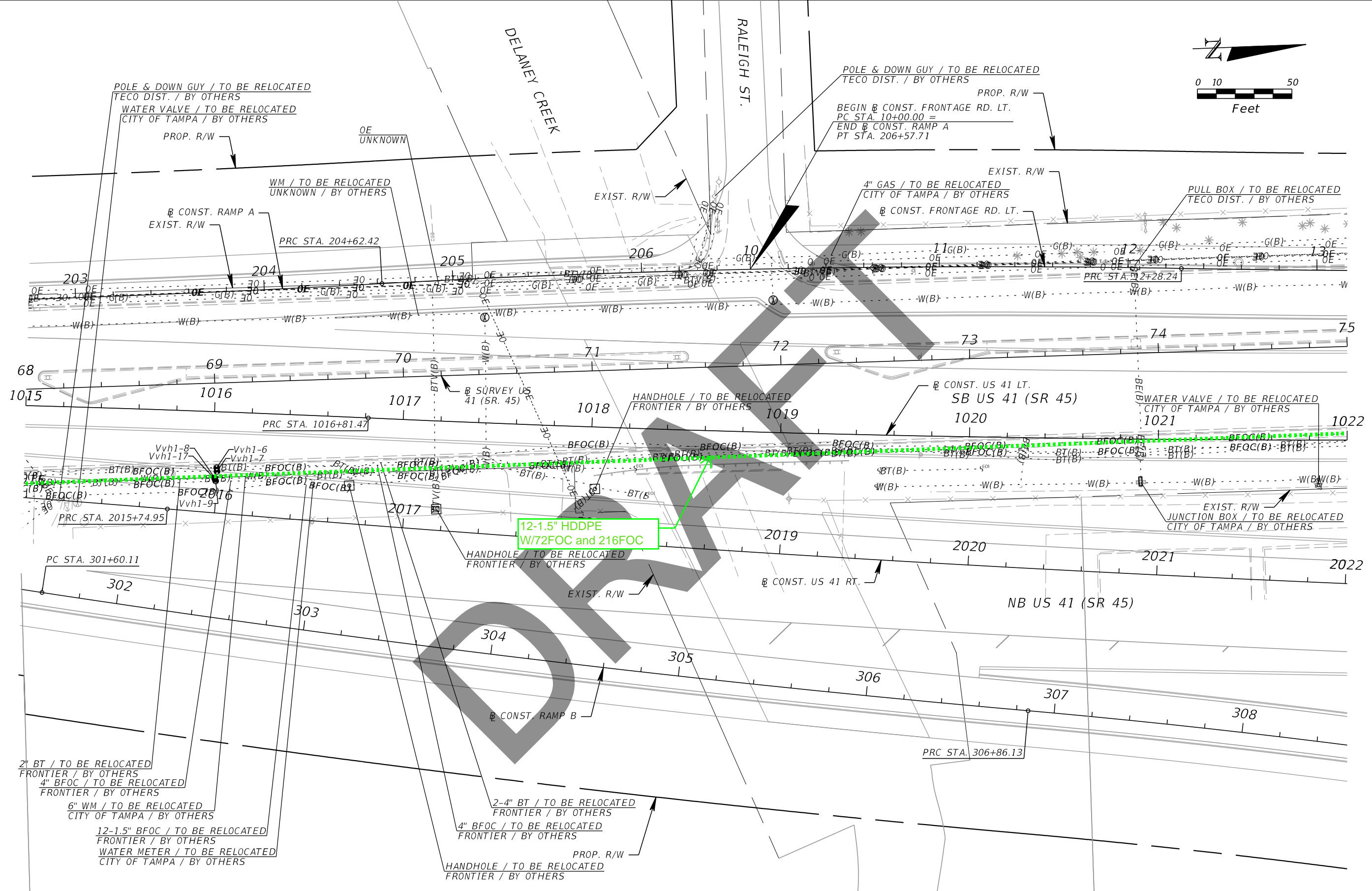
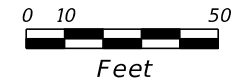
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UTILITY ADJUSTMENTS (2)

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12-1.5" HDDPE
W/72FOC and 216FOC

| REVISIONS | | | |
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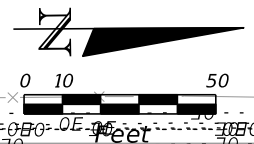
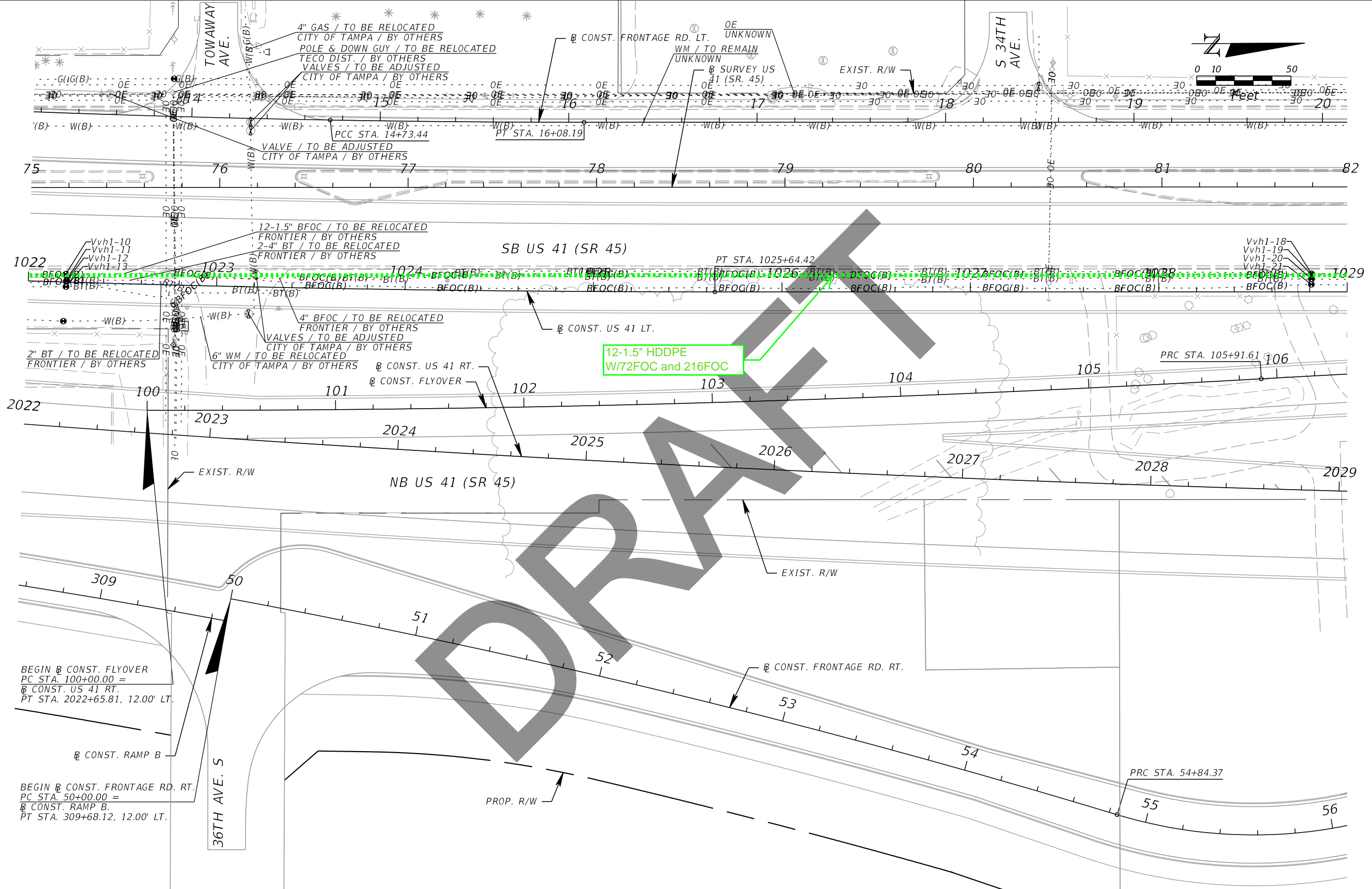
Kisinger Campo & Associates Corp.
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UTILITY ADJUSTMENTS (3)

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DRAFT

12-1.5" HDDPE
W/72FOC and 216FOC

BEGIN @ CONST. FLYOVER
PC STA. 100+00.00 =
@ CONST. US 41 RT.
PT STA. 2022+65.81, 12.00' LT.

BEGIN @ CONST. FRONTAGE RD. RT.
PC STA. 50+00.00 =
@ CONST. RAMP B.
PT STA. 309+68.12, 12.00' LT.

| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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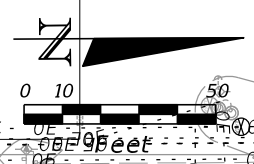
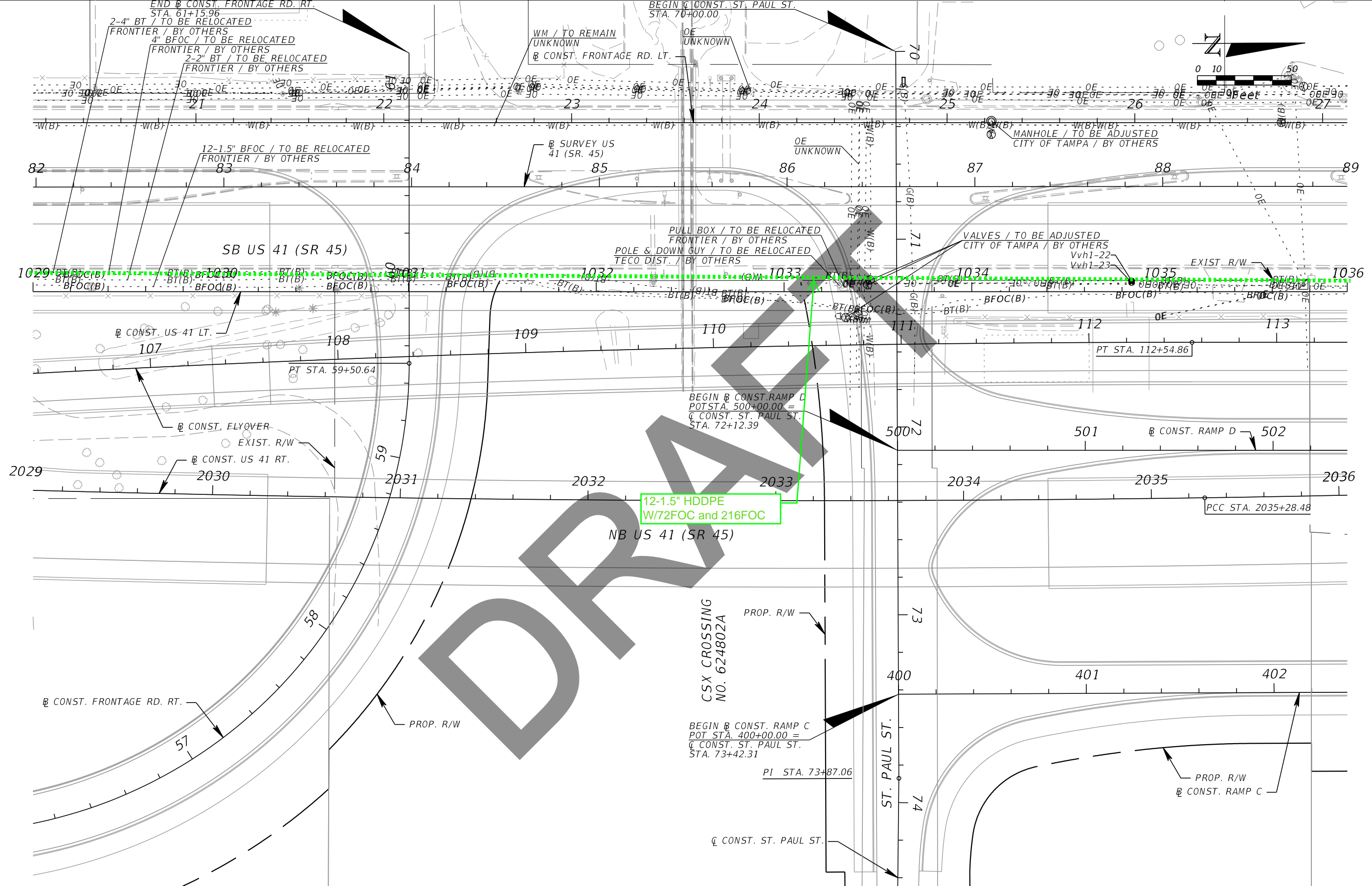
Kisinger Campo & Associates Corp.
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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (4)

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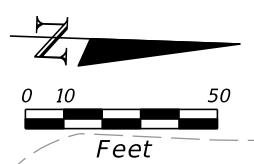
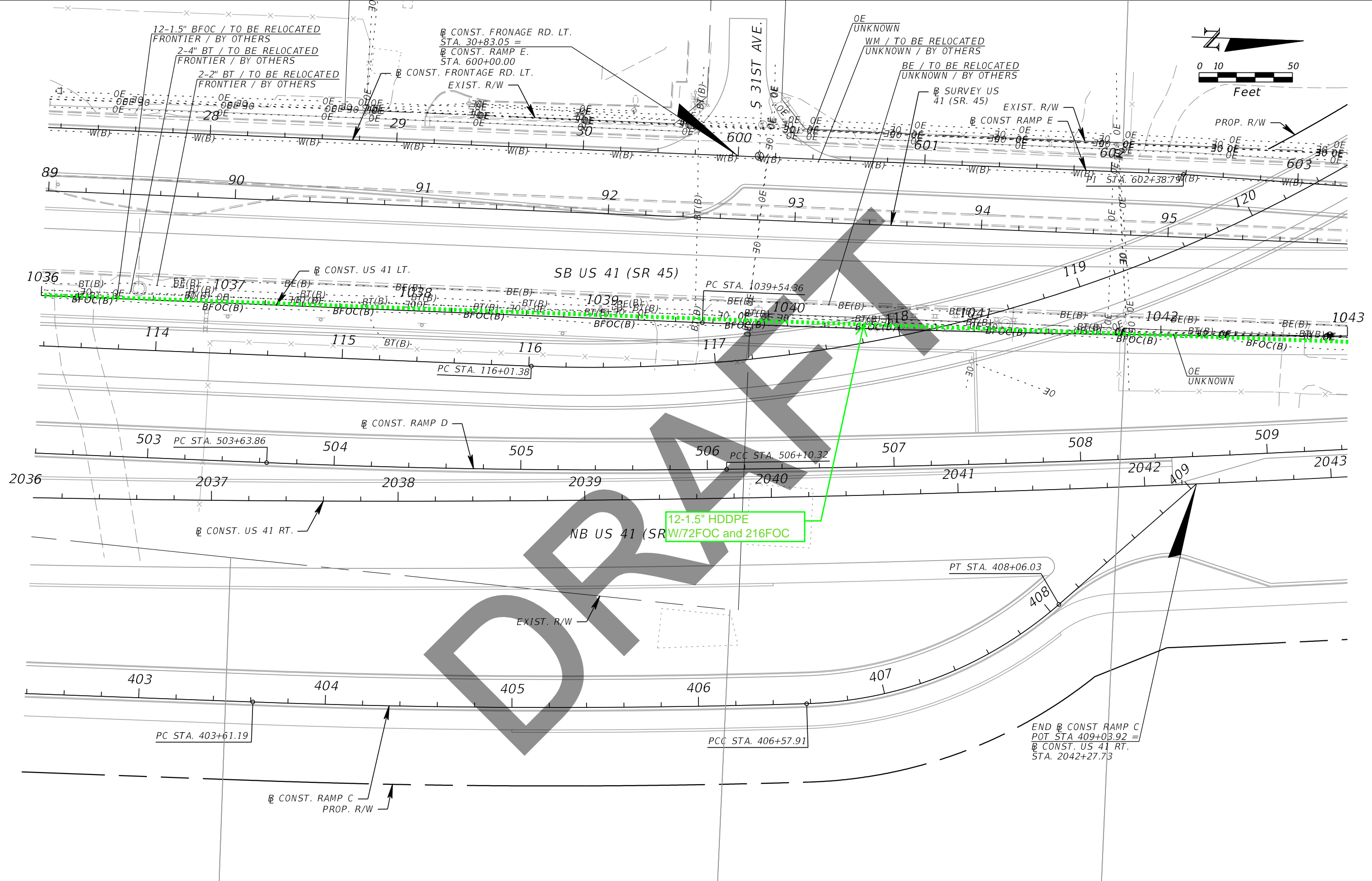
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
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 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (5)

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DRAFT

12-1.5" HDDPE
W/72FOC and 216FOC

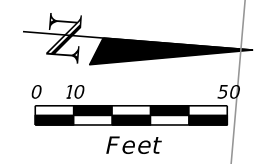
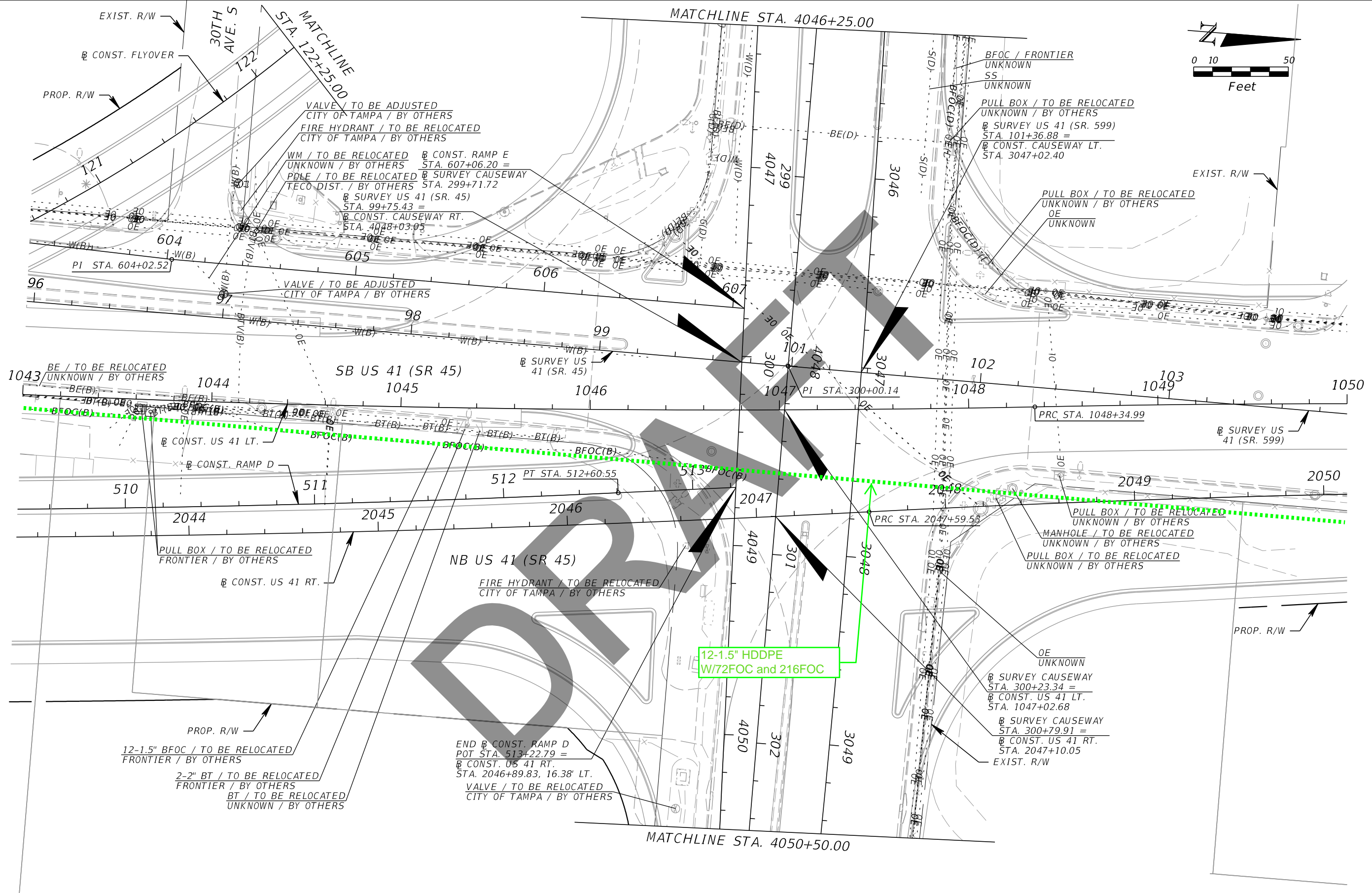
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| | | | |

Kisinger Campo & Associates Corp.
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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (6)

SHEET
NO.



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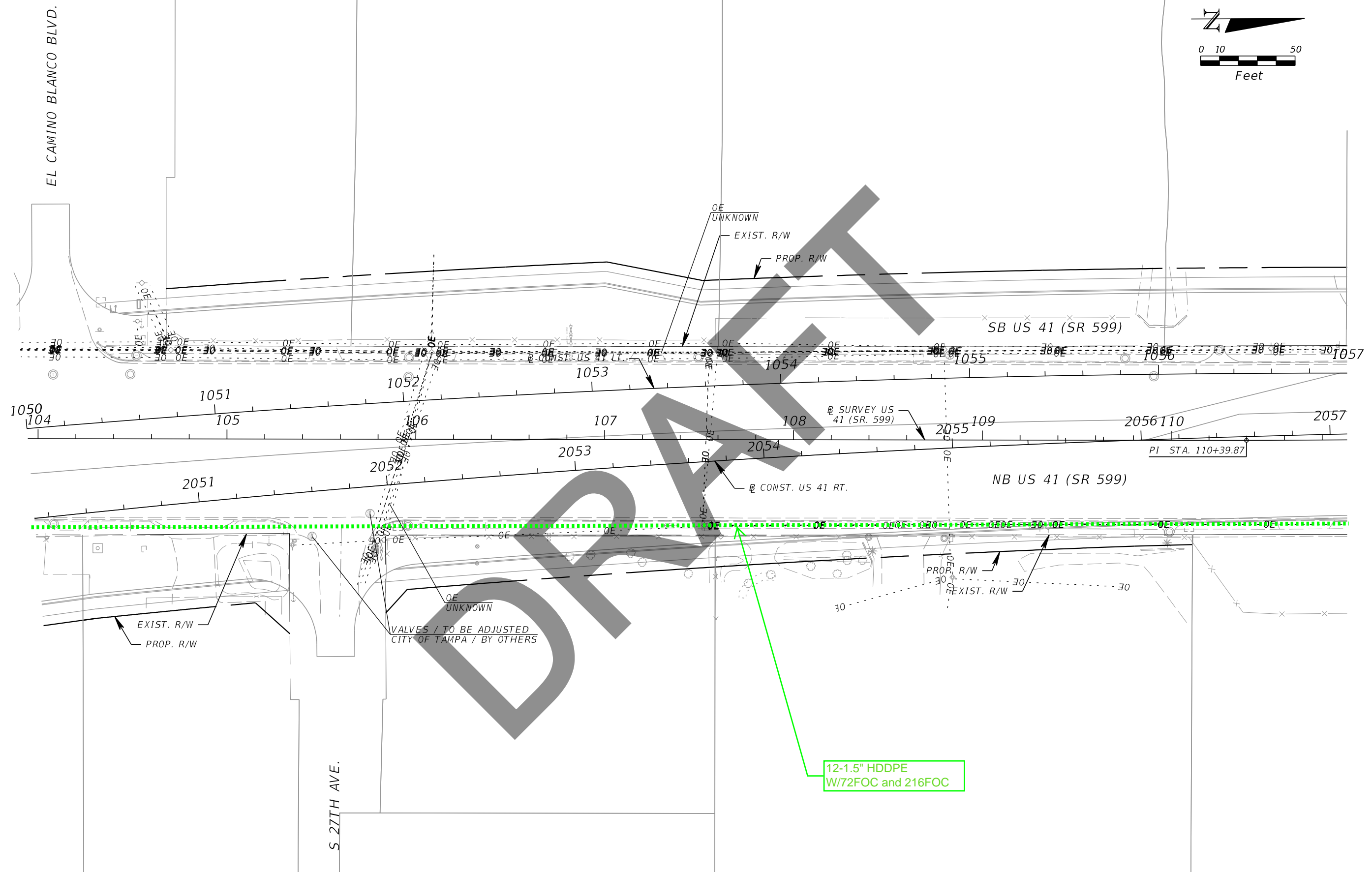
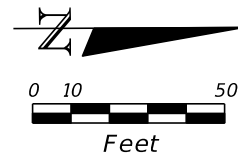
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| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (7)

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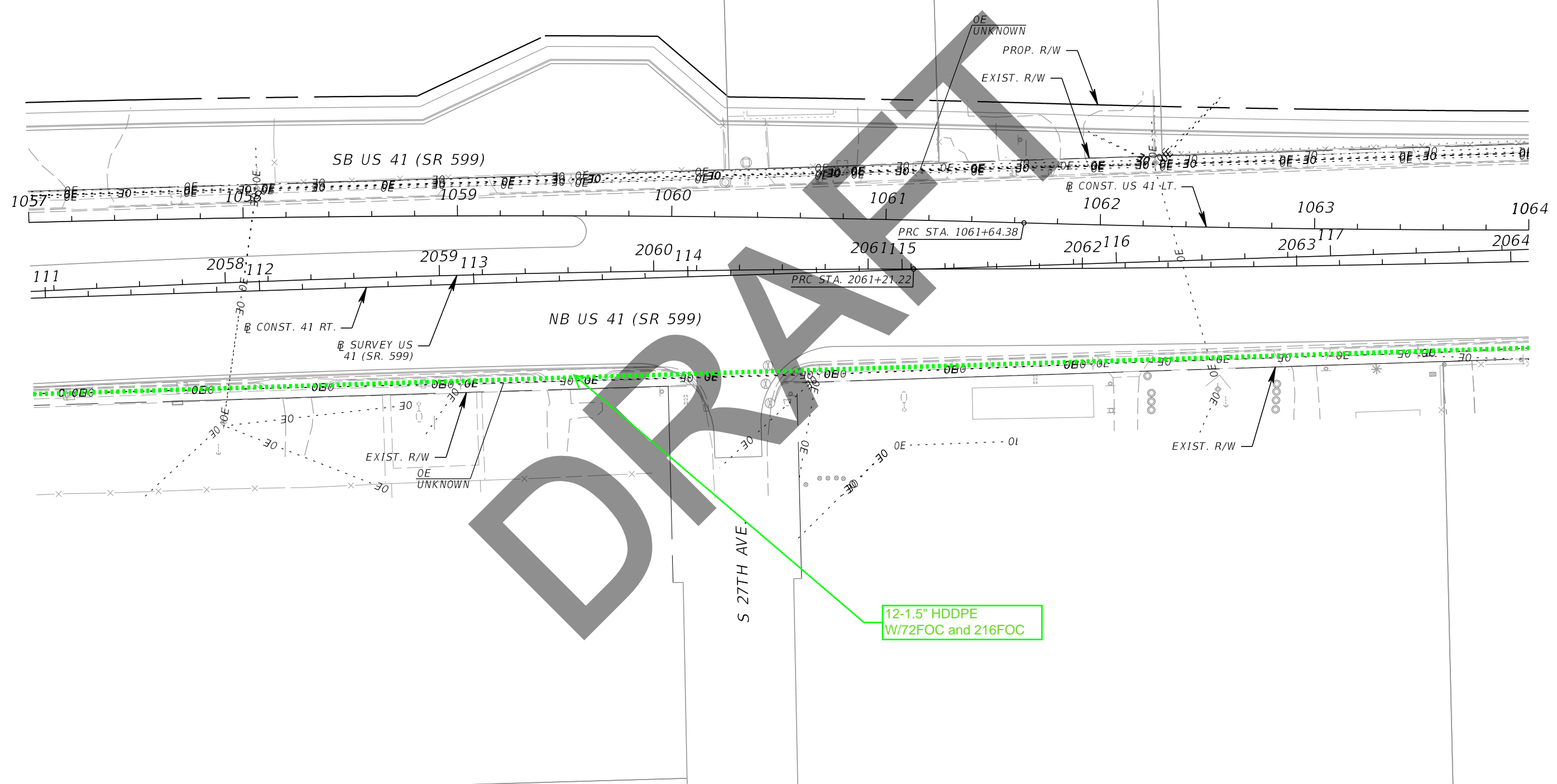
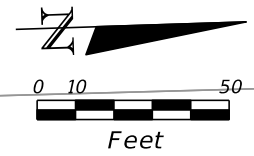
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UTILITY ADJUSTMENTS (8)

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| REVISIONS | | | |
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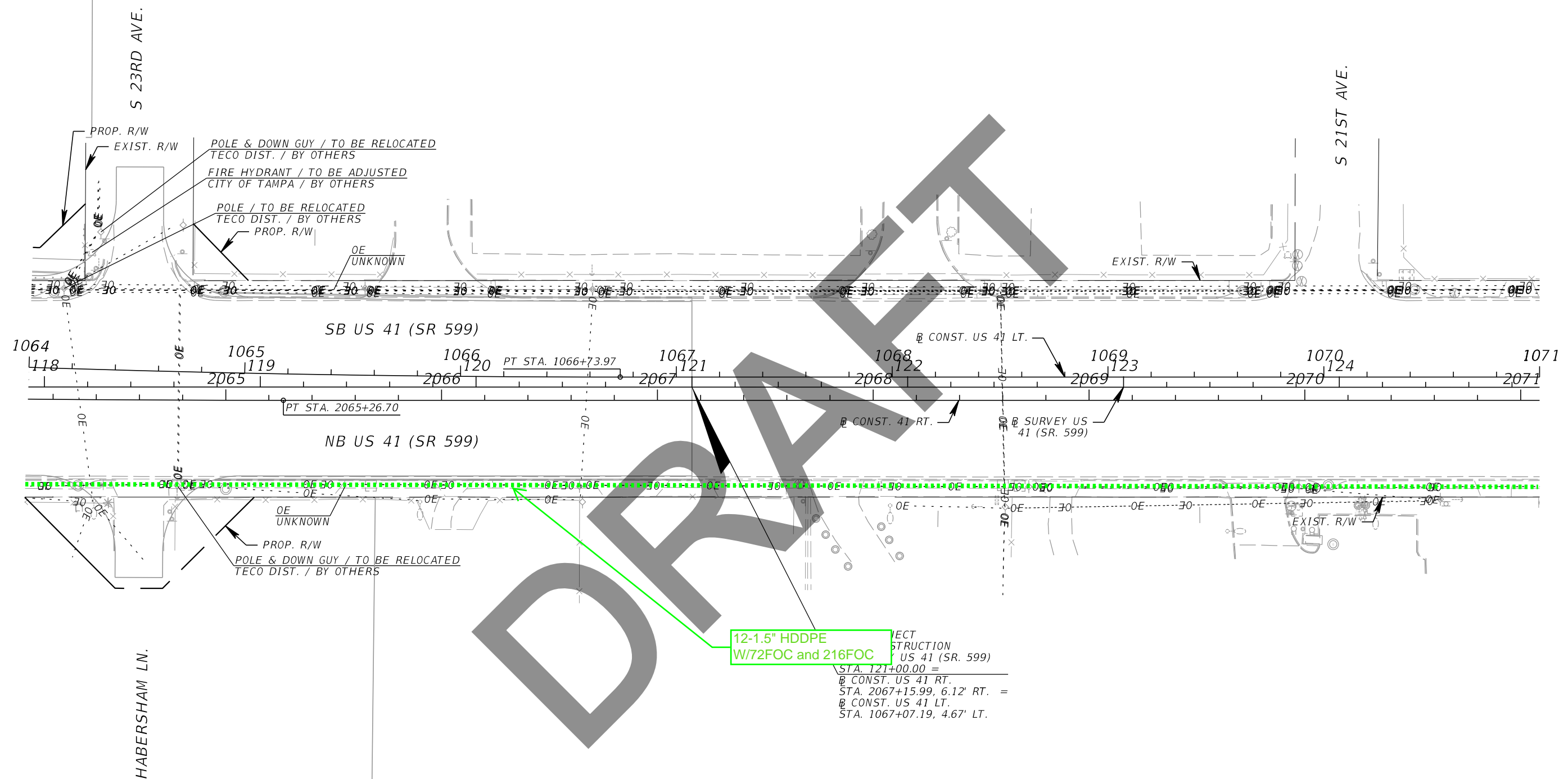
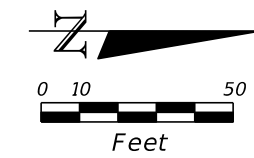
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 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (9)

SHEET NO.

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



| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

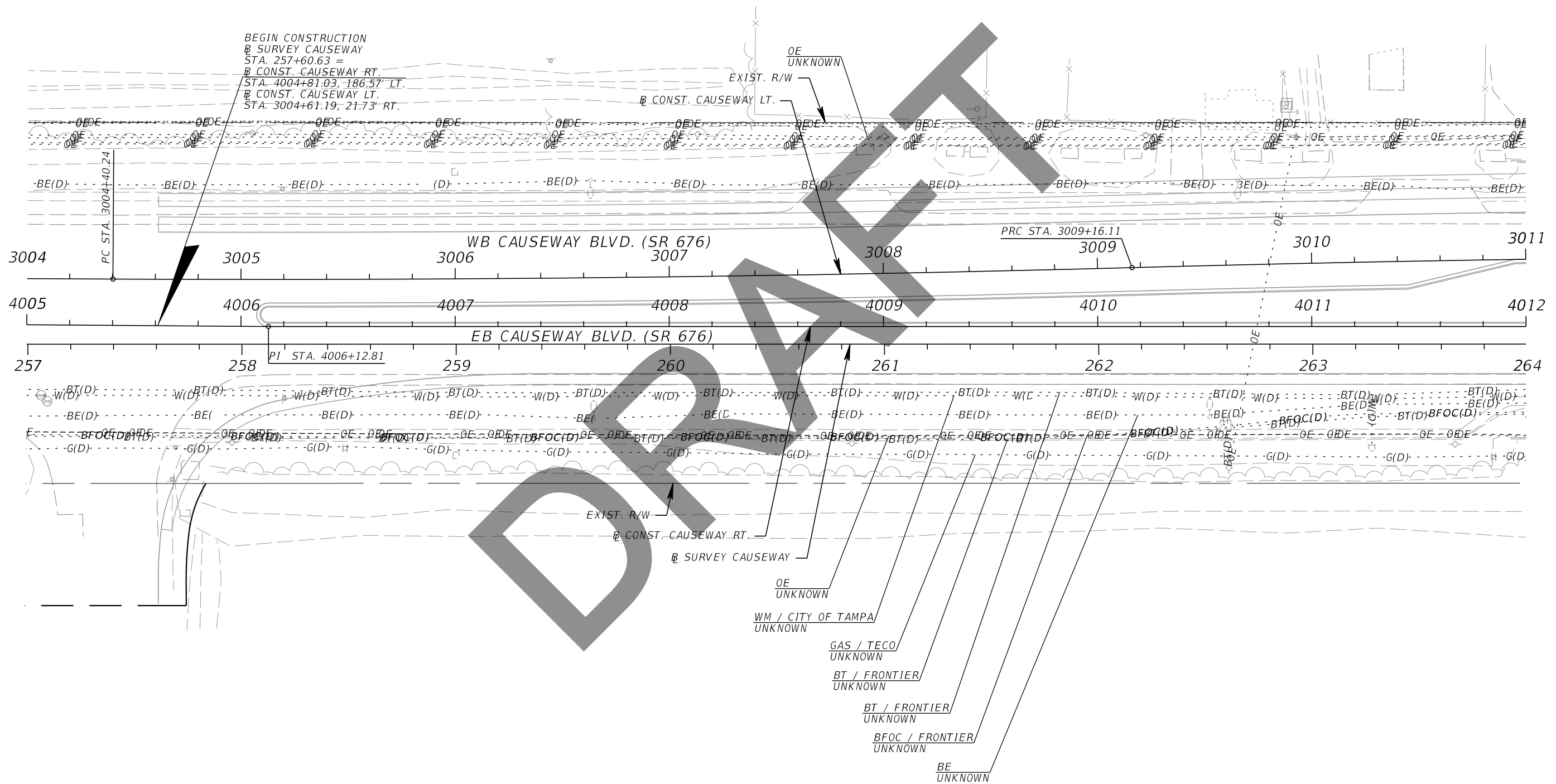
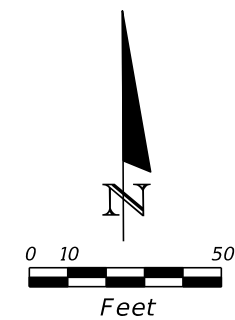
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| | | |
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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (10)

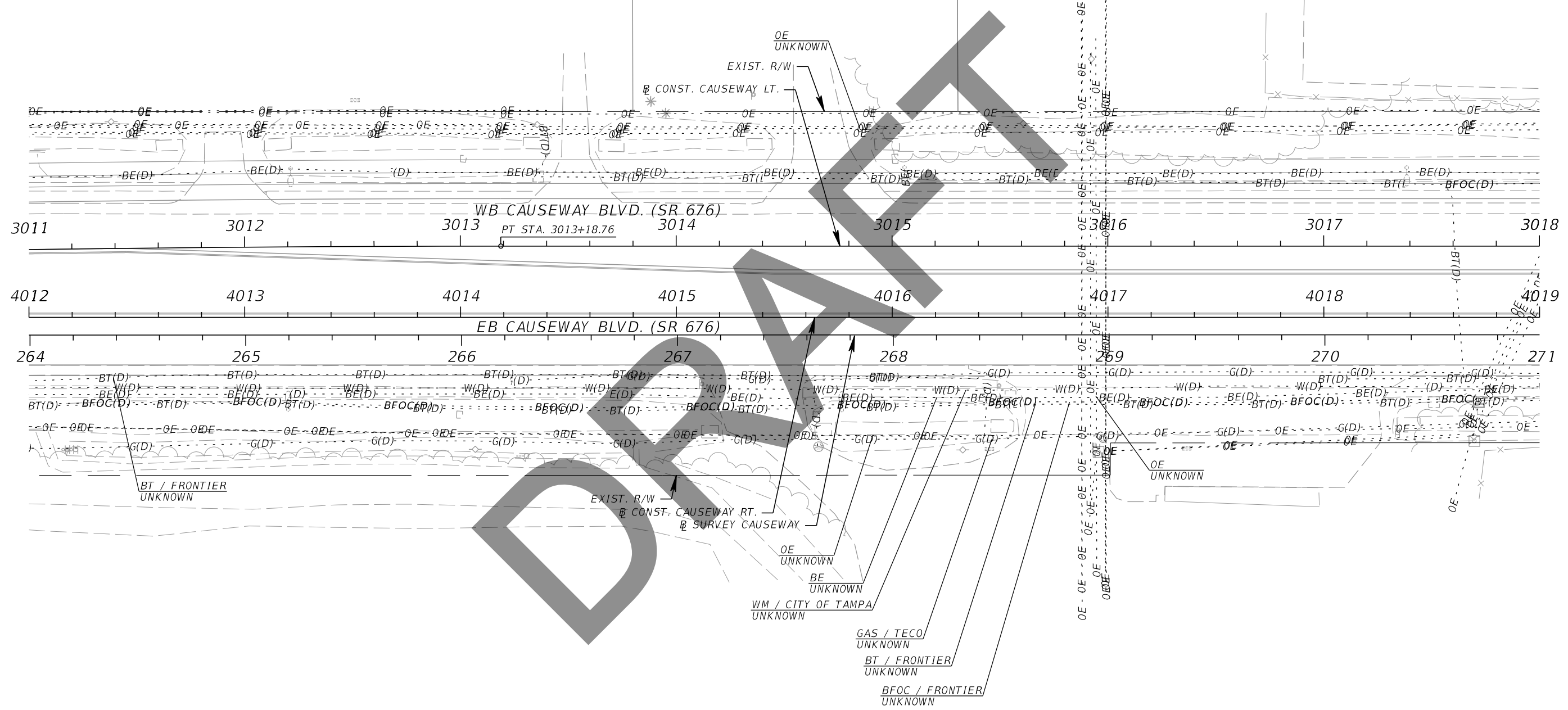
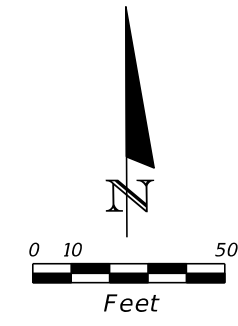
SHEET NO.

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



OE UNKNOWN
 WM / CITY OF TAMPA UNKNOWN
 GAS / TECO UNKNOWN
 BT / FRONTIER UNKNOWN
 BT / FRONTIER UNKNOWN
 BFOC / FRONTIER UNKNOWN
 BE UNKNOWN

| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (11) | SHEET NO. |
|-----------|-------------|------|-------------|---|--|----------------|----------------------|---------------------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | | |



| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

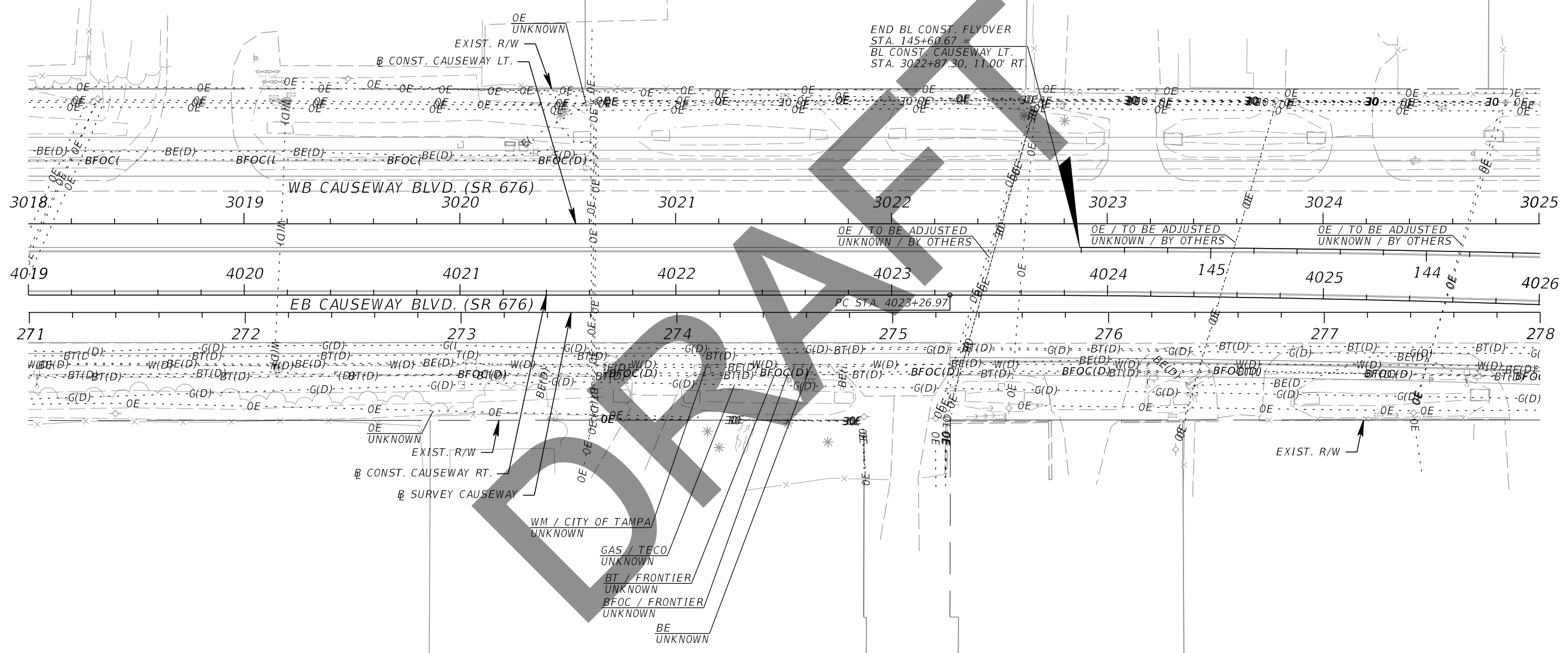
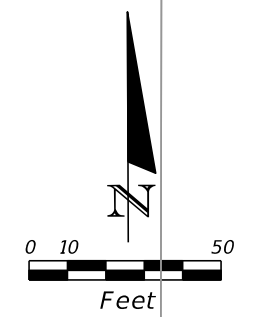
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (12)

SHEET NO.

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



| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |
| | | | |

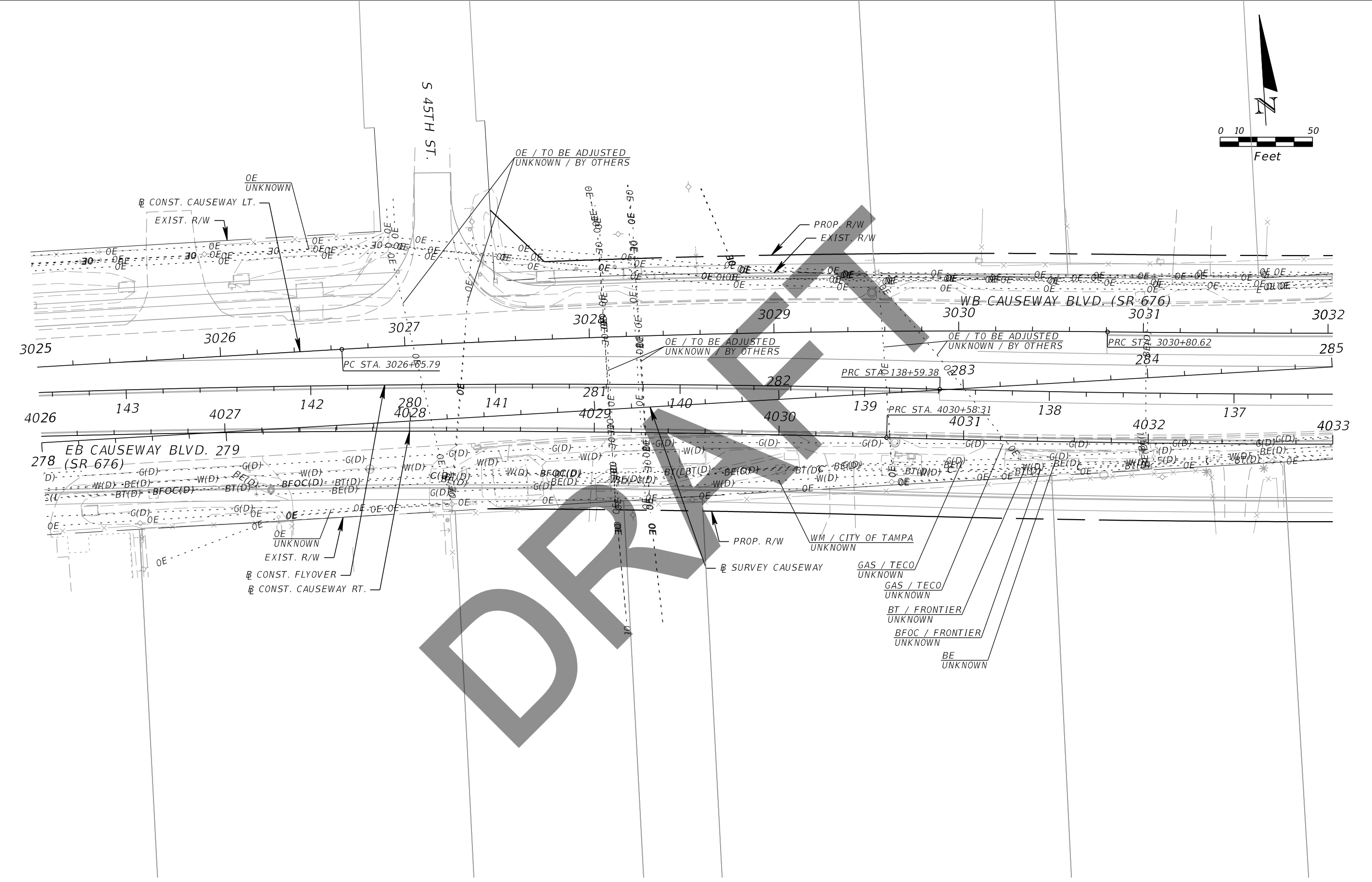
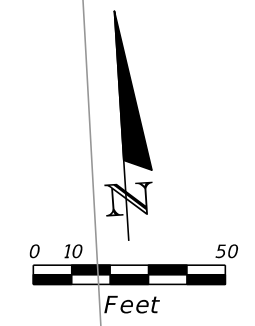
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (13)

SHEET NO.

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



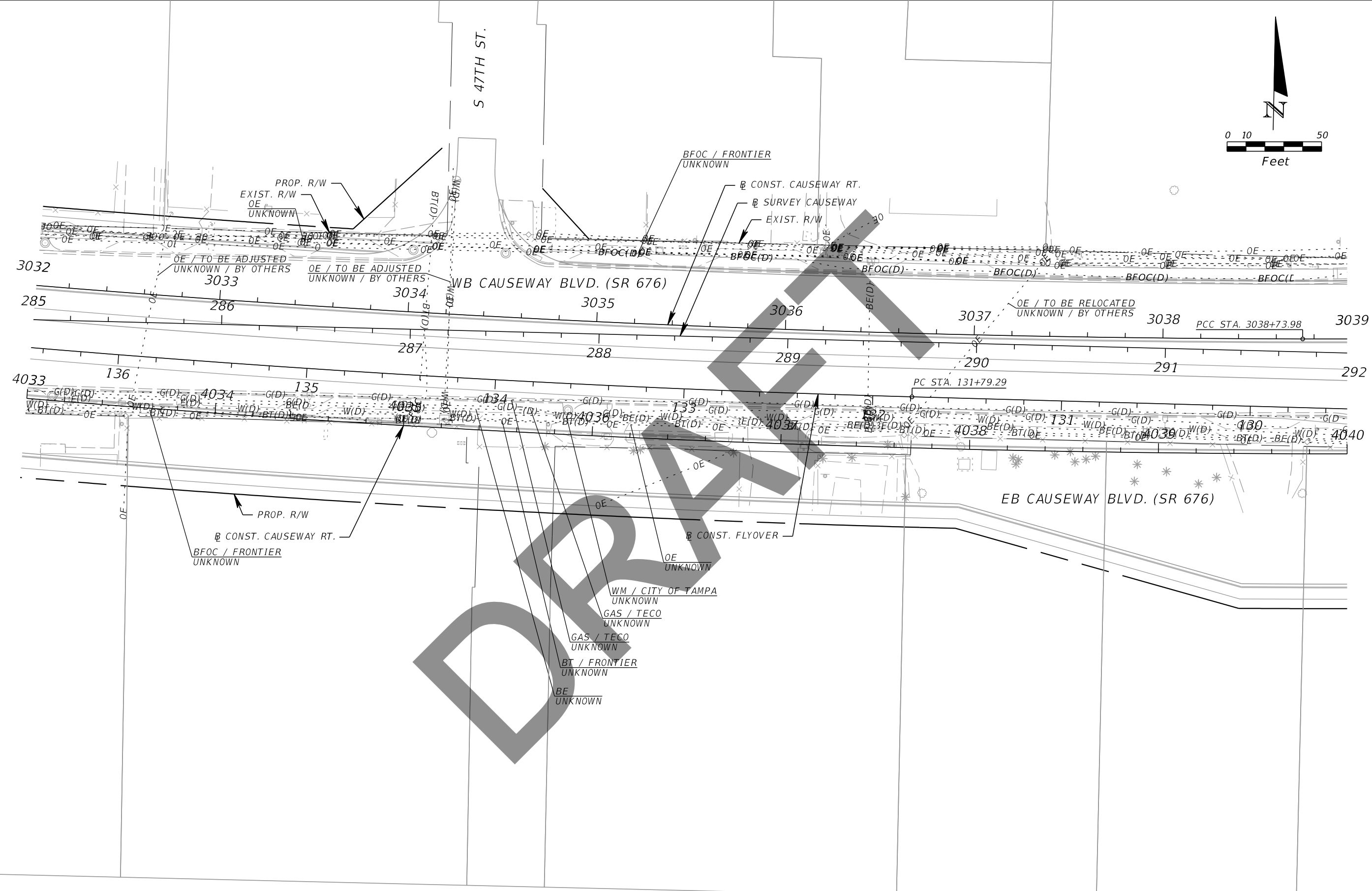
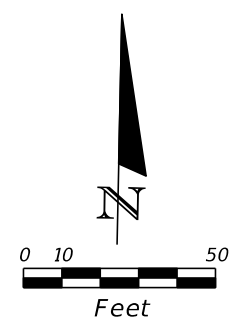
| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
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 P.E. No.: 78438

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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (14)

SHEET NO.



| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

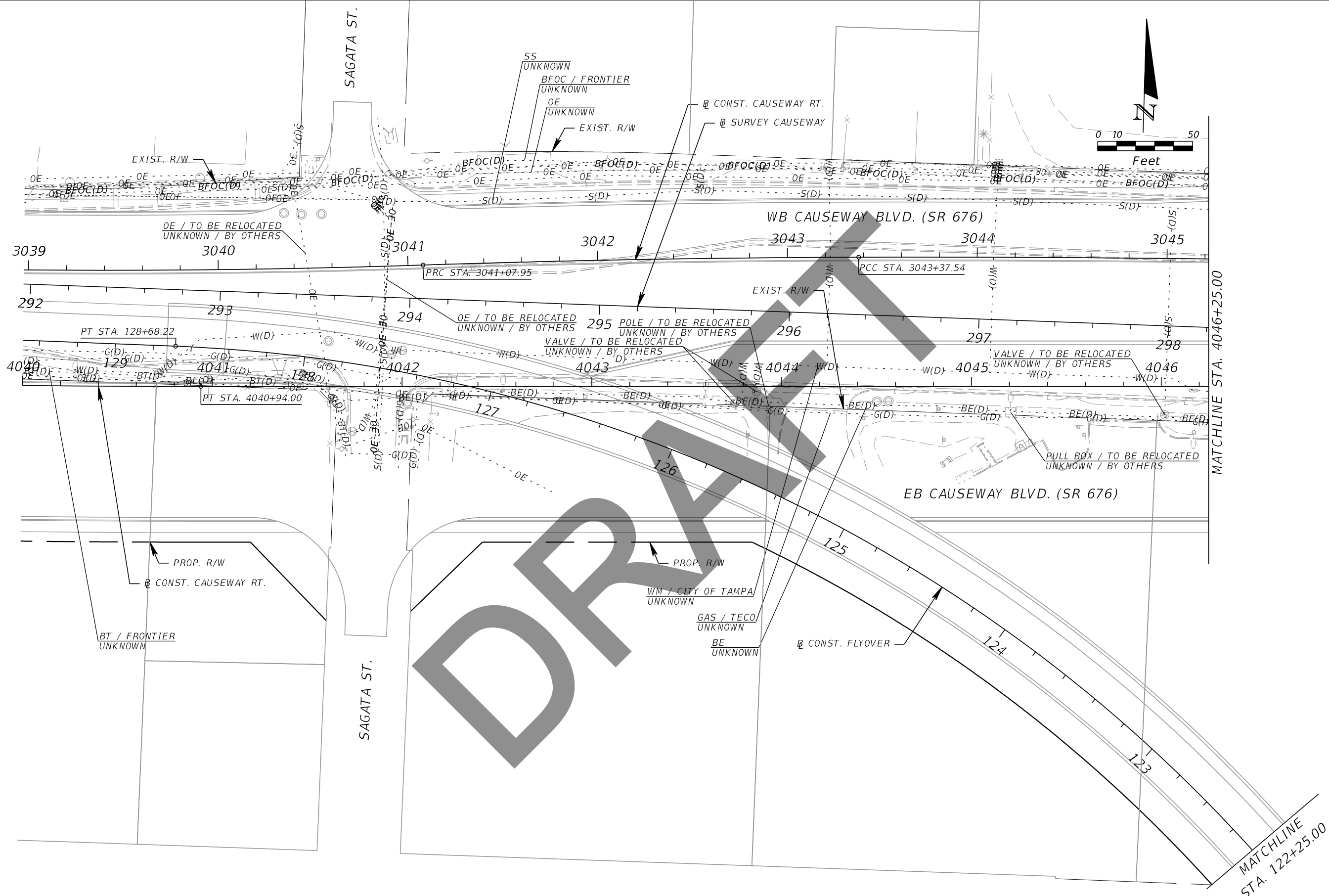
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

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|--|--------------|----------------------|
| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (15)

SHEET NO.

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



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

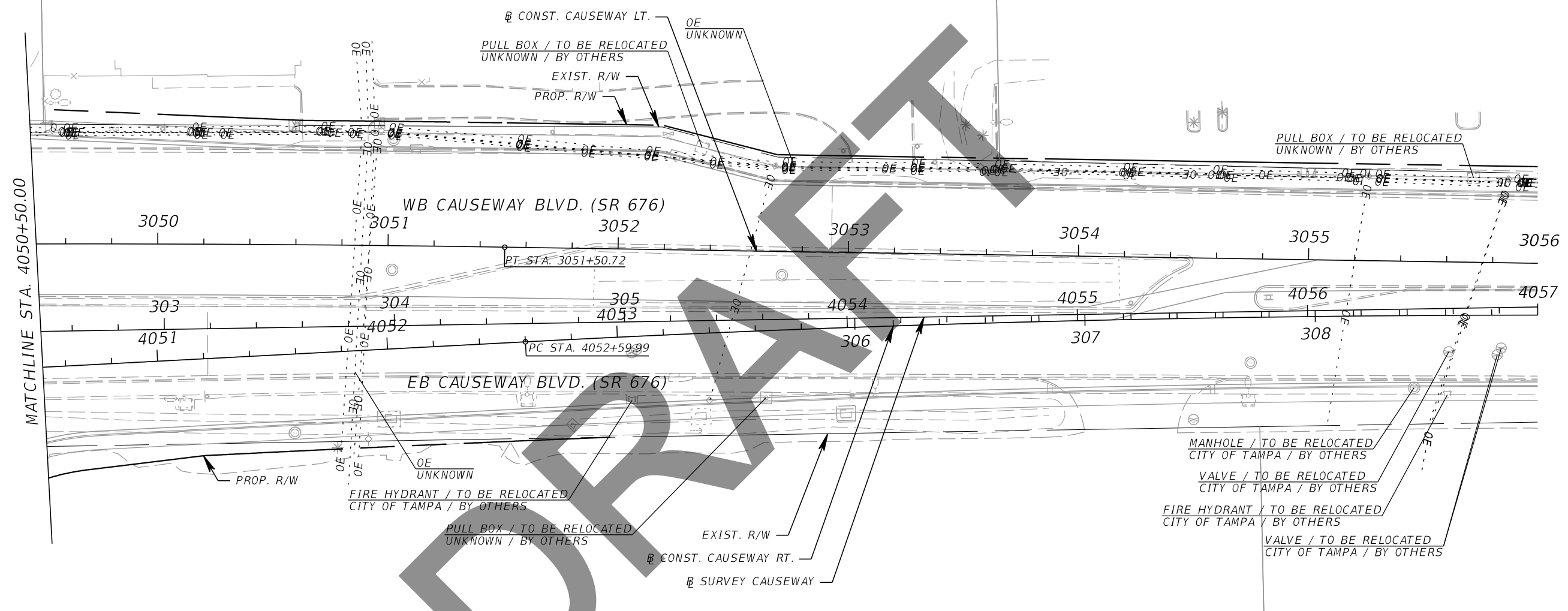
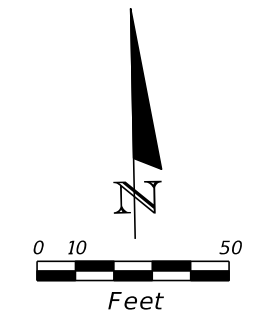
| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (16)

SHEET NO.



MATCHLINE STA. 4050+50.00

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

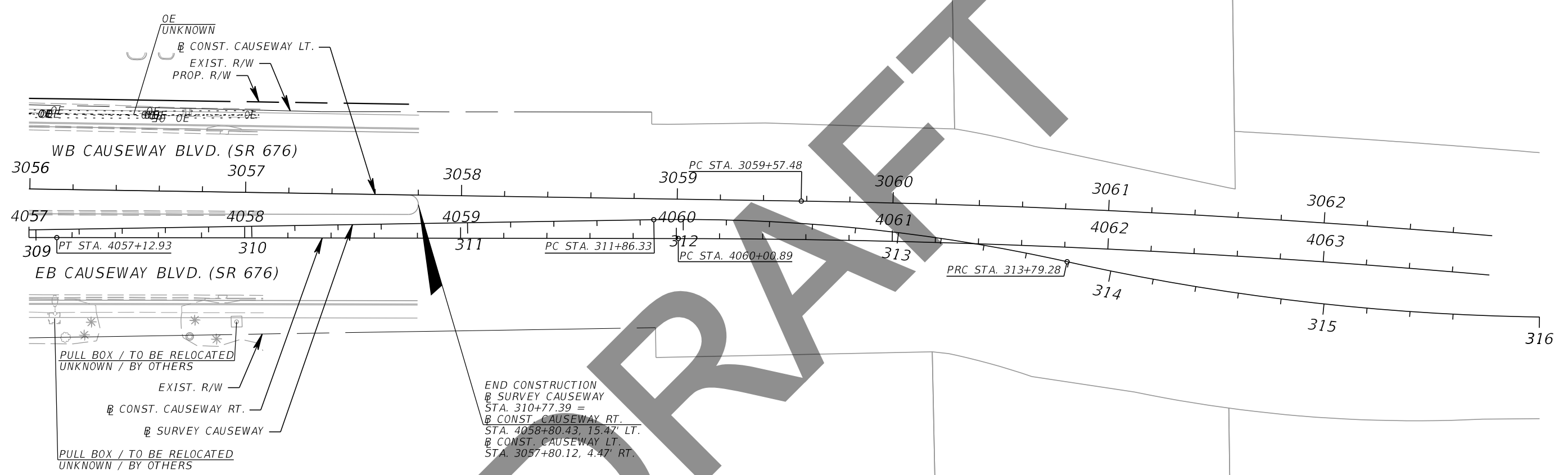
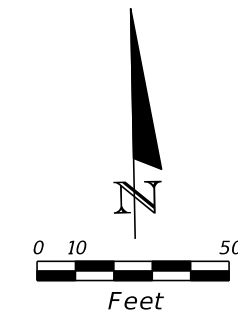
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| | | |
|--|--------------|----------------------|
| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (17)

SHEET NO.

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



DRAFT

END CONSTRUCTION
 @ SURVEY CAUSEWAY
 STA. 310+77.39 =
 @ CONST. CAUSEWAY RT.
 STA. 4058+80.43, 15.47' LT.
 @ CONST. CAUSEWAY LT.
 STA. 3057+80.12, 4.47' RT.

| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (18) | SHEET NO. |
|-----------|-------------|------|-------------|---|--|--------------|----------------------|--------------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

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

| Date: | 12/04/2018 | Test Hole Data Report | | | | | | | | Crew Members: DW, TG | | | | |
|---|-----------------------------|---|---|-----------------------------------|----------------------|--|-------------------------|------------------------------|---------------------------|---------------------------------------|---------------------------------------|--------------------------------------|----------------------------|-------------------|
| ECHO Project #: | 18-252 | 16514 N. Dale Mabry Hwy. Tampa, Florida 33618 | | | | ECHO UES, Inc. www.echoues.com 888.778.ECHO | | | | City, State: Tampa, Florida | | | | |
| Financial Project #: | N/A | 1511 E. SR434, Ste. 2001, #252 Winter Springs, Florida 32708 | | | | UTILITY ENGINEERING & SURVEY - GROW, INSPIRE, MAKE A DIFFERENCE - | | | | General Location: US 41 | | | | |
| Truck No.: | D-3/T-2 | Coordinate Unit of Measure: US Survey Feet | | | | | | | | | | | | |
| Utility Type | | Utility Material | | | | Identified By: | | | | Abbreviations | | Offset Measured From: | | |
| BE = Buried Electrical | RW = Reclaimed Water | AC = Transite | FIBG = Fiberglass | HUB = Survey Hub | N/A = Not Applicable | EP= Edge of Pavement | GM = Gas Main | SL = Street Light | CI= Cast Iron | HDPE = High Density Polyethylene Pipe | IRC = Iron Rod & Cap "ECHO TEST HOLE" | NAD = North American Datum | BC = Back of Curb | |
| BT = Buried Telephone | TS = Traffic Signal | CP = Concrete Pipe | PE = Polyethylene Pipe | NL = Nail & Disk "ECHO TEST HOLE" | Datum | BL = Baseline of Survey | FOC = Fiber Optic Cable | FL = Fuel Line | DBC = Direct Buried Cable | PVC = Polyvinyl Chloride | SLEEVE = Sleeve | NAVD = North American Vertical Datum | COORD = Survey Coordinates | |
| WM = Water Main | GS = Gas Service | CMP = Corrugated Metal Pipe | STL = Steel | X = "X" in Concrete | Vertical Datum | CL = Centerline | SAN = Sanitary Sewer | WS = Water Service | CONC = Concrete | VCP = Vitrified Clay Pipe | Surface Type | | HUB = Survey Hub | |
| STM = Storm Sewer | UNK = Unknown Utility | CPP = Corrugated Plastic Pipe | PCCP = Prestressed Cylinder Concrete Pipe | ASPH = Asphalt | COT = City of Tampa | RW = Right of Way | CATV = Cable Television | BED = Buried Electrical Duct | DCT = Duct | CONC = Concrete | | | ST = Swing Ties | |
| FM = Force Main | BTD = Buried Telephone Duct | DIP = Ductile Iron Pipe | RCP = Reinforced Concrete Pipe | NG = Natural Ground | | X = "X" in Concrete | | | | | | | | |
| Test Hole | Utility Type | Utility Material | Utility Size Outside Diameter inches | Utility Manual Depth feet | Cross Sectional View | Utility Direction | Identified By | Surface Type | Surface Thickness inches | Apparent Utility Owner | Datums: | | Ground Elevation | Utility Elevation |
| | | | | | | | | | | | Horizontal: NAD83/11 | Vertical: NAVD88 | | |
| | | | | | | | | | | | Northing | Easting | | |
| 1-1 | BT | PVC | 2 - 4" | 3.26' | | ↕ | IRC | NG | N/A | FRONTIER | 1301204.90' | 526413.67' | 7.51' | 4.25' |
| 1-2 | WM | CI | 6" | 3.30' | | ↕ | IRC | NG | N/A | COT | 1301205.19' | 526416.74' | 7.48' | 4.18' |
| 1-3 | FOC/BT | PVC | 4" | 2.47' | | ↕ | IRC | NG | N/A | FRONTIER | 1301204.95' | 526415.25' | 7.48' | 5.01' |
| 1-4 | FOC | PE | 12 - 1.5" | 8.80' | | ↕ | IRC | NG | N/A | FRONTIER | 1301205.12' | 526418.96' | 7.36' | -1.44' |
| 1-5 | CATV | PVC | 2 - 2" | 5.54' | | ↕ | IRC | NG | N/A | SPECTRUM | 1301181.11' | 526321.06' | 6.85' | 1.31' |
| 1-6 | BT | PVC | 2 - 4" | 3.44' | | ↕ | IRC | NG | N/A | FRONTIER | 1301811.38' | 526417.02' | 6.84' | 3.40' |
| 1-7 | FOC/BT | PVC | 4" | 2.42' | | ↕ | IRC | NG | N/A | FRONTIER | 1301811.47' | 526418.97' | 6.84' | 4.42' |
| 1-8 | WM | UNK | UNK | 10.06' | | ↕ | IRC | NG | N/A | COT | 1301810.12' | 526422.34' | 6.83' | -3.23' |
| 1-9 | FOC/BT | PVC | 4" | 3.34' | | ↕ | IRC | NG | N/A | FRONTIER | 1301810.56' | 526424.00' | 6.49' | 3.15' |
| Notes: 1-8 - Unable to visually verify size and matterial due to depth and groundwater. Possible 6" cast iron. | | | | | | | | | | | | | | |
| | | | | | | | | | | | Prepared by: EE Date: 02/12/2019 | | | |
| | | | | | | | | | | | Checked by: AB Date: 02/12/2019 | | | |

| | | | | | | | | | |
|-----------|-------------|------|-------------|---|--|--------------|----------------------|--------------------------|-----------|
| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (19) | SHEET NO. |
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

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

| | | | | | | |
|----------------------|------------|--|--|---|-----------------------------|----------------|
| Date: | 12/05/2018 | Test Hole Data Report | | | Crew Members: | DW, TG |
| ECHO Project #: | 18-252 | 16514 N. Dale Mabry Hwy. Tampa, Florida 33618 | | ECHO UES, Inc. www.echoues.com 888.778.ECHO | City, State: | Tampa, Florida |
| Financial Project #: | N/A | 1511 E. SR434, Ste. 2001, #252 | | ECHO UTILITY ENGINEERING & SURVEY | General Location: | US 41 |
| Truck No.: | D-3/T-2 | Winter Springs, Florida 32708 | | - GROW, INSPIRE, MAKE A DIFFERENCE - | Coordinate Unit of Measure: | US Survey Feet |

| Utility Type | | Utility Material | | Identified By: | | Abbreviations | | Offset Measured From: | |
|-------------------------|------------------------------|-------------------------------|---|---------------------------------------|--------------------------------------|----------------------------|--|-----------------------|--|
| BE = Buried Electrical | RW = Reclaimed Water | AC = Transite | FIBG = Fiberglass | HUB = Survey Hub | N/A = Not Applicable | EP= Edge of Pavement | | | |
| GM = Gas Main | SL = Street Light | CI= Cast Iron | HDPE = High Density Polyethylene Pipe | IRC = Iron Rod & Cap "ECHO TEST HOLE" | NAD = North American Datum | BC = Back of Curb | | | |
| BT = Buried Telephone | TS = Traffic Signal | CP = Concrete Pipe | PE = Polyethylene Pipe | NL = Nail & Disk "ECHO TEST HOLE" | NAVD = North American Vertical Datum | BL = Baseline of Survey | | | |
| FOC = Fiber Optic Cable | FL = Fuel Line | DBC = Direct Buried Cable | PVC = Polyvinyl Chloride | SLEEVE = Sleeve | UNKN = Unknown | COORD = Survey Coordinates | | | |
| WM = Water Main | GS = Gas Service | CMP = Corrugated Metal Pipe | STL = Steel | X = "X" in Concrete | COT = City of Tampa | CL = Centerline | | | |
| SAN = Sanitary Sewer | WS = Water Service | CONC = Concrete | VCP = Vitrified Clay Pipe | Surface Type | | HUB = Survey Hub | | | |
| STM = Storm Sewer | UNK = Unknown Utility | CPP = Corrugated Plastic Pipe | PCCP = Prestressed Cylinder Concrete Pipe | ASPH = Asphalt | RW = Right of Way | | | | |
| CATV = Cable Television | BED = Buried Electrical Duct | DCT = Duct | RCP = Reinforced Concrete Pipe | CONC = Concrete | ST = Swing Ties | | | | |
| FM = Force Main | BTD = Buried Telephone Duct | DIP = Ductile Iron Pipe | | NG = Natural Ground | X = "X" in Concrete | | | | |

| Test Hole | Utility Type | Utility Material | Utility Size Outside Diameter inches | Utility Manual Depth feet | Cross Sectional View | Utility Direction | Identified By | Surface Type | Surface Thickness inches | Apparent Utility Owner | Datums: | | Ground Elevation | Utility Elevation |
|-----------|--------------|------------------|--------------------------------------|---------------------------|----------------------|-------------------|---------------|--------------|--------------------------|------------------------|----------------------|------------------|------------------|-------------------|
| | | | | | | | | | | | Horizontal: NAD83/11 | Vertical: NAVD88 | | |
| | | | | | | | | | | | Northing | Easting | | |
| 1-10 | FOC | PE | 12 - 1.5" | 3.96' | | ↕ | IRC | NG | N/A | FRONTIER | 1302430.03' | 526421.52' | 6.62' | 2.66' |
| 1-11 | BT | PVC | 2 - 4" | 2.50' | | ↕ | IRC | NG | N/A | FRONTIER | 1302430.50' | 526424.77' | 6.68' | 4.18' |
| 1-12 | FOC/BT | PVC | 4" | 1.90' | | ↕ | IRC | NG | N/A | FRONTIER | 1302430.47' | 526425.15' | 6.69' | 4.79' |
| 1-13 | BT | DBC | 2" | 1.56' | | ↕ | IRC | NG | N/A | FRONTIER | 1302430.15' | 526428.11' | 6.81' | 5.25' |
| 1-14 | WM | DIP | 6" | 3.40' | | ↕ | IRC | NG | N/A | COT | 1302428.62' | 526446.38' | 8.20' | 4.80' |
| 1-15 | GM | STL | 4" | 3.00' | | ↕ | IRC | NG | N/A | COT | 1302488.18' | 526318.06' | 6.08' | 3.08' |
| 1-16 | BT | PVC | 4" | 3.50' | | ↕ | IRC | NG | N/A | FRONTIER | 1301205.22' | 526417.96' | 7.50' | 4.00' |
| 1-17 | BT | DBC | 2" | 3.00' | | ↕ | IRC | NG | N/A | FRONTIER | 1301810.09' | 526422.72' | 6.80' | 3.80' |

Notes:

Prepared by: EE Date: 02/12/2019

Checked by: AB Date: 02/12/2019

| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (20) | SHEET NO. |
|-----------|-------------|------|-------------|---|--|--------------|----------------------|--------------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

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

| Date: | 12/06/2018 | Test Hole Data Report | | | | | | Crew Members: | | DW, TG, MAJ | | | | |
|--|------------------------------|---|---|---------------------------------------|--------------------------------------|-------------------|----------------------------|--|--------------------------|--|----------------------|------------------|------------------|-------------------|
| ECHO Project #: | 18-252 | 16514 N. Dale Mabry Hwy. Tampa, Florida 33618 | | | | | | ECHO UES, Inc. www.echoues.com 888.778.ECHO | | City, State: Tampa, Florida | | | | |
| Financial Project #: | N/A | 1511 E. SR434, Ste. 2001, #252 Winter Springs, Florida 32708 | | | | | | ECHO UTILITY ENGINEERING & SURVEY - GROW, INSPIRE, MAKE A DIFFERENCE - | | General Location: US 41 | | | | |
| Truck No.: | D-3/T-2 | | | | | | | | | Coordinate Unit of Measure: US Survey Feet | | | | |
| Utility Type | | Utility Material | | | | Identified By: | | Abbreviations | | Offset Measured From: | | | | |
| BE = Buried Electrical | RW = Reclaimed Water | AC = Transite | FIBG = Fiberglass | HUB = Survey Hub | N/A = Not Applicable | | EP= Edge of Pavement | | | | | | | |
| GM = Gas Main | SL = Street Light | CI= Cast Iron | HDPE = High Density Polyethylene Pipe | IRC = Iron Rod & Cap "ECHO TEST HOLE" | NAD = North American Datum | | BC = Back of Curb | | | | | | | |
| BT = Buried Telephone | TS = Traffic Signal | CP = Concrete Pipe | PE = Polyethylene Pipe | NL = Nail & Disk "ECHO TEST HOLE" | Datum | | BL = Baseline of Survey | | | | | | | |
| FOC = Fiber Optic Cable | FL = Fuel Line | DBC = Direct Buried Cable | PVC = Polyvinyl Chloride | SLEEVE = Sleeve | NAVD = North American Vertical Datum | | COORD = Survey Coordinates | | | | | | | |
| WM = Water Main | GS = Gas Service | CMP = Corrugated Metal Pipe | STL = Steel | X = "X" in Concrete | Vertical Datum | | CL = Centerline | | | | | | | |
| SAN = Sanitary Sewer | WS = Water Service | CONC = Concrete | VCP = Vitrified Clay Pipe | Surface Type | | UNK = Unknown | | HUB = Survey Hub | | | | | | |
| STM = Storm Sewer | UNK = Unknown Utility | CPP = Corrugated Plastic Pipe | PCCP = Prestressed Cylinder Concrete Pipe | ASPH = Asphalt | COT = City of Tampa | | RW = Right of Way | | | | | | | |
| CATV = Cable Television | BED = Buried Electrical Duct | DCT = Duct | Pipe | CONC = Concrete | ST = Swing Ties | | | | | | | | | |
| FM = Force Main | BTD = Buried Telephone Duct | DIP = Ductile Iron Pipe | RCP = Reinforced Concrete Pipe | NG = Natural Ground | X = "X" in Concrete | | | | | | | | | |
| Test Hole | Utility Type | Utility Material | Utility Size Outside Diameter inches | Utility Manual Depth feet | Cross Sectional View | Utility Direction | Identified By | Surface Type | Surface Thickness inches | Apparent Utility Owner | Datums: | | Ground Elevation | Utility Elevation |
| | | | | | | | | | | | Horizontal: NAD83/11 | Vertical: NAVD88 | | |
| 1-18 | BT | PVC | 2 - 4" | 3.82' | | ↕ | IRC | NG | N/A | FRONTIER | 1303091.15' | 526425.13' | 7.04' | 3.22' |
| 1-19 | FOC/BT | PVC | 4" | 2.54' | | ↕ | IRC | NG | N/A | FRONTIER | 1303091.17' | 526425.73' | 6.99' | 4.45' |
| 1-20 | BT | LEAD | 2 - 2" | 3.00' | | ↕ | IRC | NG | N/A | FRONTIER | 1303091.09' | 526427.92' | 6.86' | 3.86' |
| 1-21 | FOC | UNK | 12 - 1.5" | 9.22' | | ↕ | IRC | NG | N/A | FRONTIER | 1303091.01' | 526430.76' | 6.58' | -2.64' |
| 1-22 | BT | LEAD | 2 - 2" | 2.00' | | ↕ | IRC | NG | N/A | FRONTIER | 1303695.15' | 526432.46' | 6.77' | 4.77' |
| 1-23 | BT | PVC | 2 - 4" | 2.76' | | ↕ | IRC | NG | N/A | FRONTIER | 1303695.20' | 526433.46' | 6.70' | 3.94' |
| 1-24 | BT | LEAD | 2 - 2" | 2.74' | | ↕ | IRC | NG | N/A | FRONTIER | 1304500.45' | 526435.53' | 7.28' | 4.54' |
| Notes: 1-21 - Unable to visually verify size and material due to depth and groundwater. Possibly 12 - 1.5" polyethylene pipes. | | | | | | | | | | | | | | |
| | | | | | | | | | | | Prepared by: EE | | Date: 02/12/2019 | |
| | | | | | | | | | | | Checked by: AB | | Date: 02/12/2019 | |

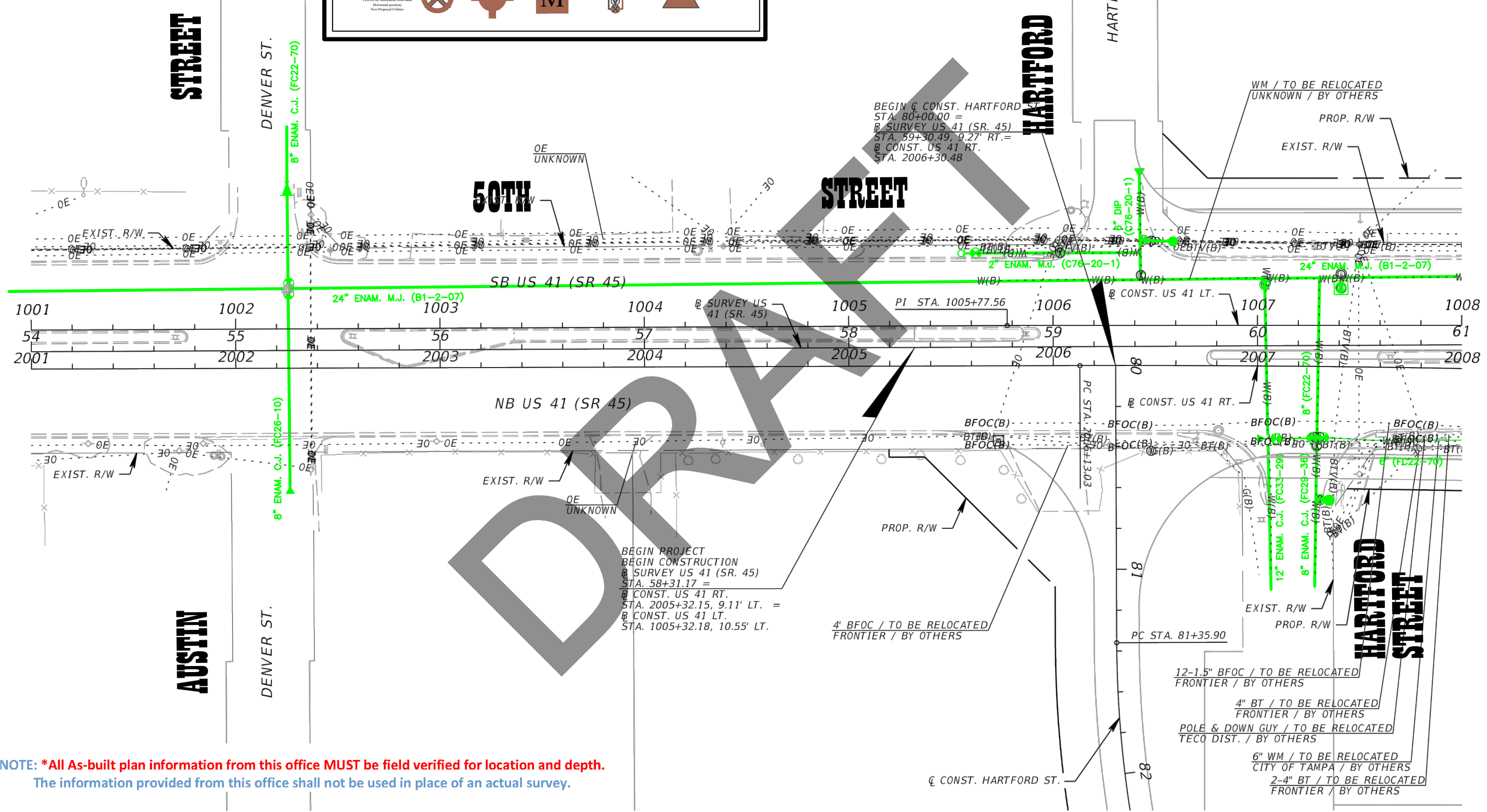
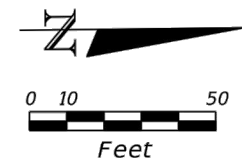
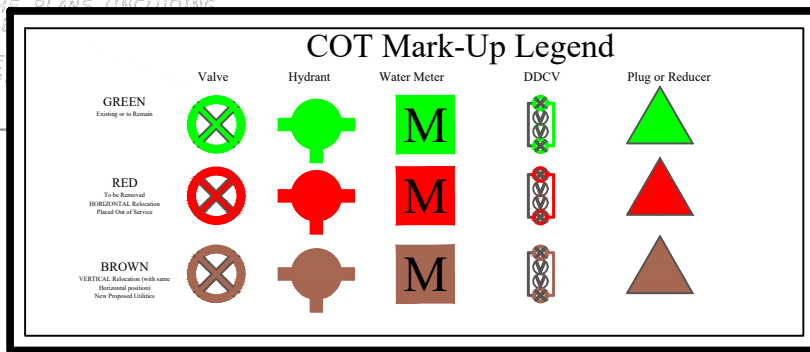
| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
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|---|--------------|----------------------|--|--|--|
| Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | | | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | | |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 | | | |

| | | |
|---------------------------------|--|-----------|
| UTILITY ADJUSTMENTS (21) | | SHEET NO. |
|---------------------------------|--|-----------|

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

THE LOCATION(S) OF THE UTILITIES SHOWN IN THIS PLANE (INCLUDING THOSE DESIGNATED Vv, Vh AND Vvh) ARE INVESTIGATION TECHNIQUES AND SHOULD APPROXIMATE ONLY. THE VERIFIED LOCATIONS/DEPTH AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN HAVE NOT BEEN VERIFIED.

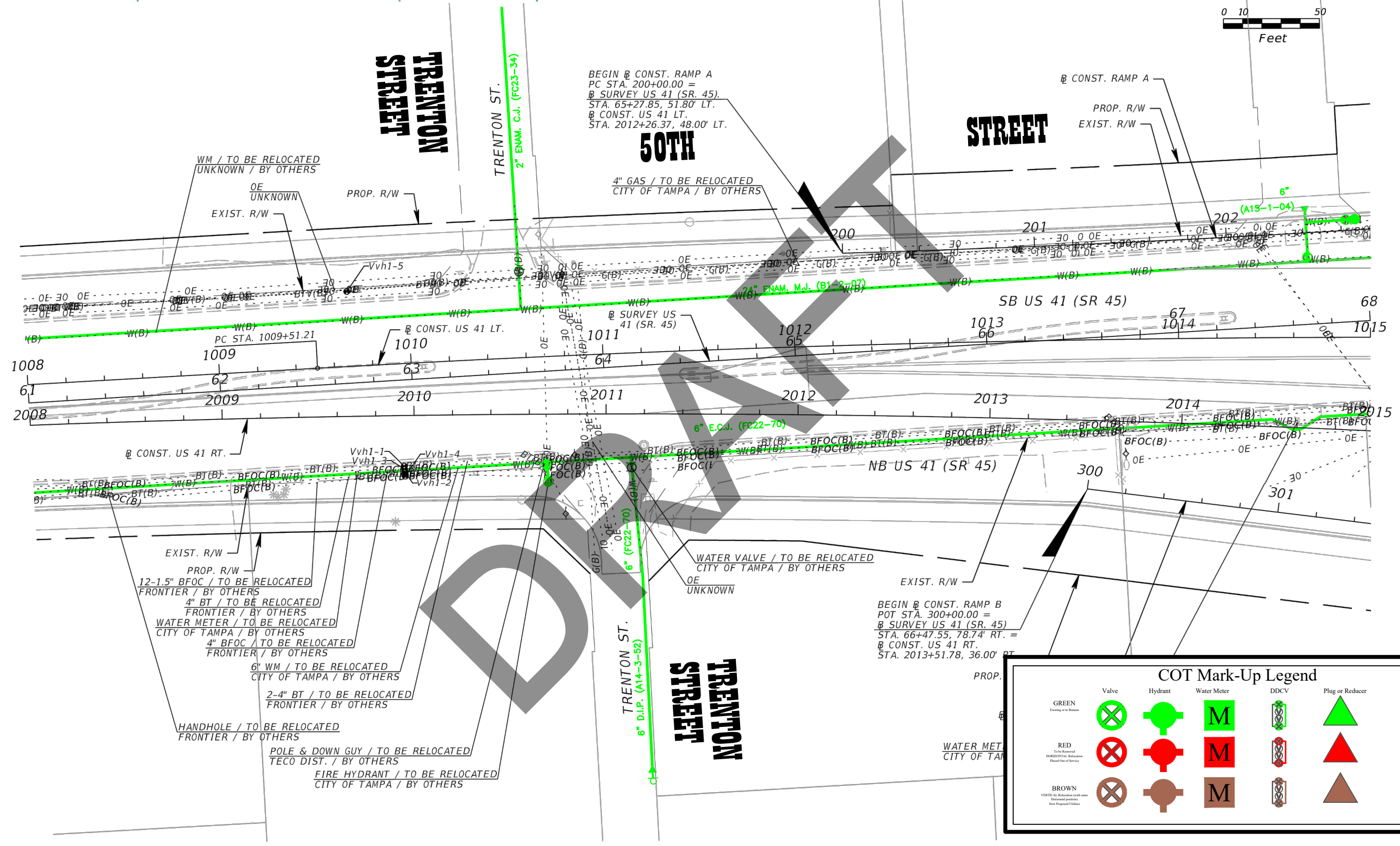


NOTE: *All As-built plan information from this office MUST be field verified for location and depth. The information provided from this office shall not be used in place of an actual survey.

| REVISIONS | | REVISIONS | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (1) | SHEET NO. |
|-----------|-------------|-----------|-------------|---|--|--------------|----------------------|-------------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

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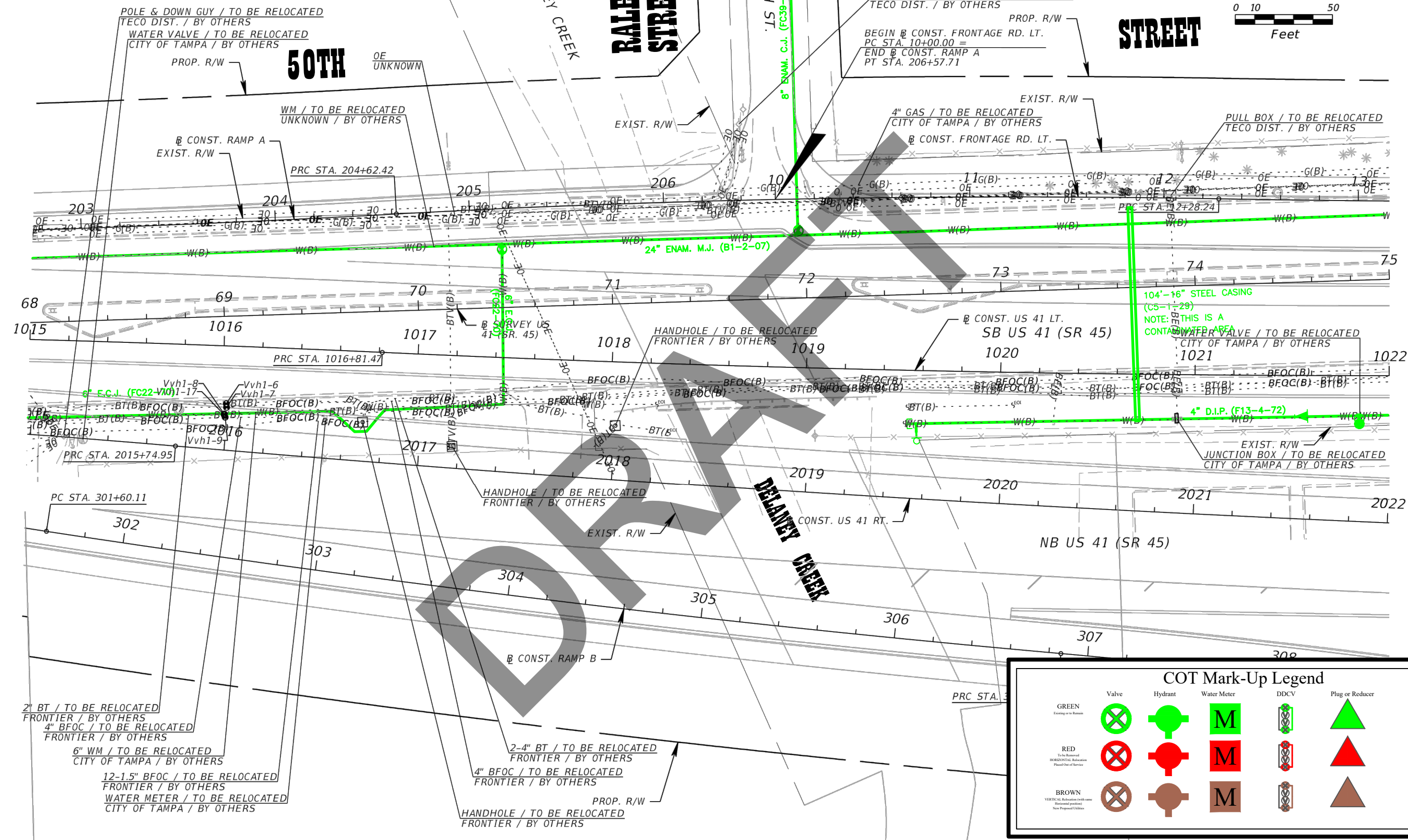
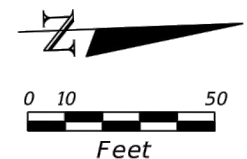
COT Mark-Up Legend

| | | | | | |
|--|-----------|-------------|-----------------|----------|---------------------|
| GREEN <small>Existing or to Remain</small> | Valve | Hydrant | Water Meter | DDCV | Plug or Reducer |
| RED <small>To Be Removed IMMEDIATELY. Relocation Placed Out of Service</small> | | | | | |
| BROWN <small>VERTICAL Relocation (with same Horizontal Position) New Proposed Utilities</small> | | | | | |

| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (2) | SHEET NO. |
|-----------|-------------|------|-------------|---|--|--------------|----------------------|-------------------------|--------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

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| COT Mark-Up Legend | | | | | |
|--|-------|---------|-------------|------|-----------------|
| | Valve | Hydrant | Water Meter | DDCV | Plug or Reducer |
| GREEN <small>Existing or to be Relocated</small> | | | | | |
| RED <small>To be Relocated Horizontal Relocation Placed Out of Service</small> | | | | | |
| BROWN <small>VERTICAL Relocation (with same Horizontal Relocation) New Proposed Utilities</small> | | | | | |

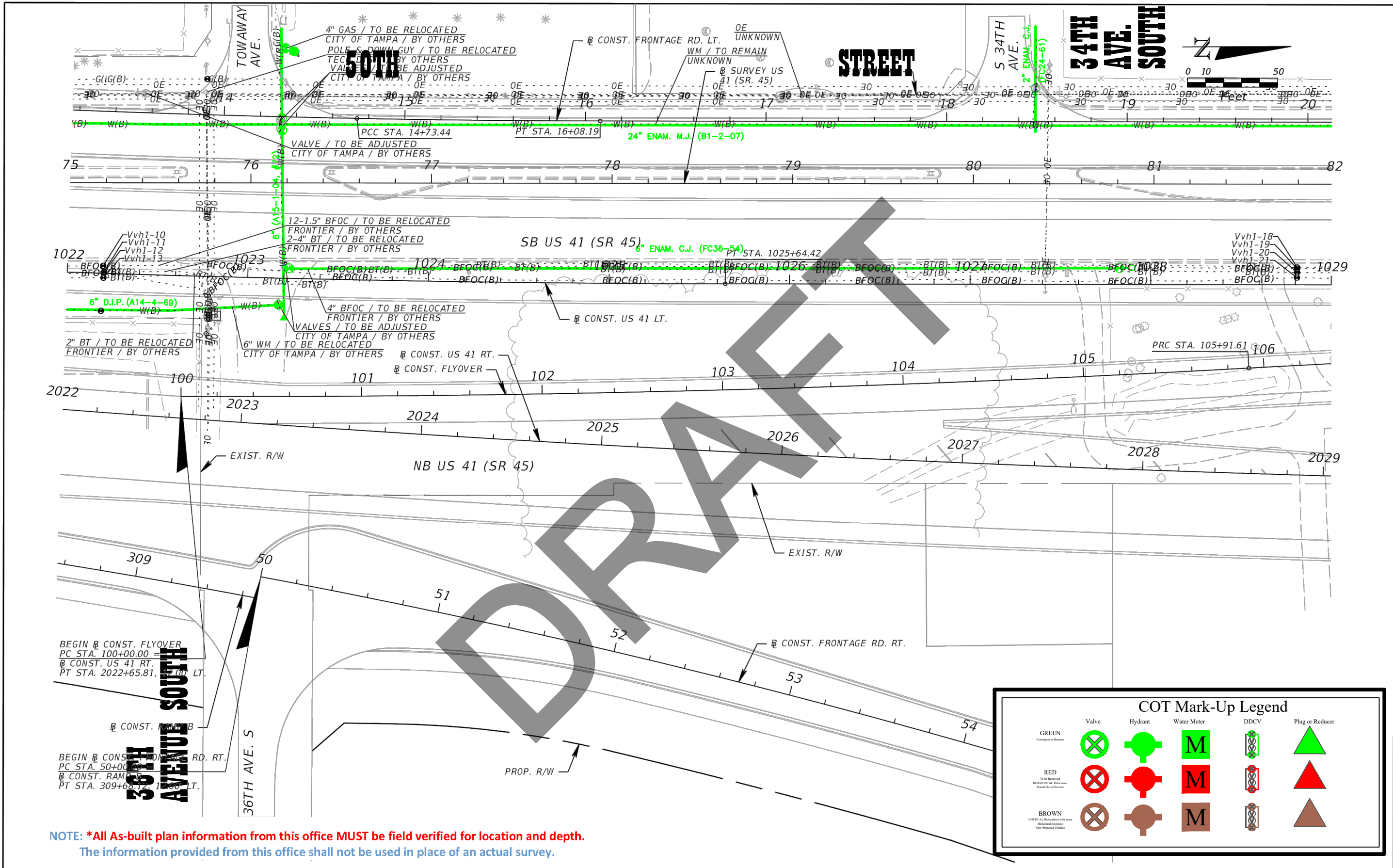
| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

Kisinger Campo & Associates Corp.
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record: Branan R. Anderson, PE
P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (3)

SHEET NO.



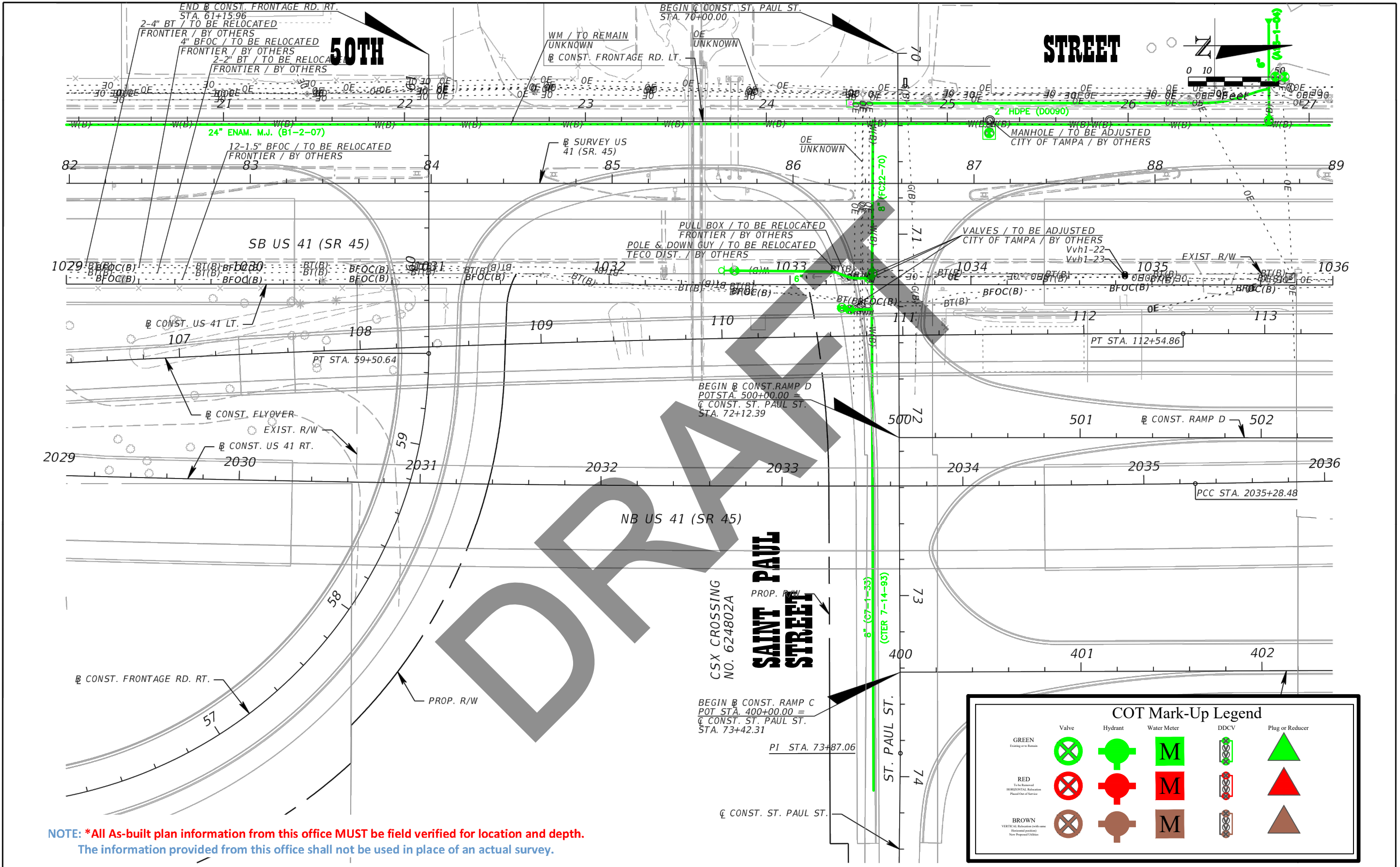
NOTE: *All As-built plan information from this office MUST be field verified for location and depth. The information provided from this office shall not be used in place of an actual survey.

COT Mark-Up Legend

| Color | Valve | Hydrant | Water Meter | DDCV | Plug or Reducer |
|--|-------|---------|-------------|------|-----------------|
| GREEN <small>Existing or to Remain</small> | | | | | |
| RED <small>To Be Removed (Revised) / Placed Out of Service</small> | | | | | |
| BROWN <small>Vertical Relocation (with note) (Revised) / New Proposed Utilities</small> | | | | | |

| | | | | | | |
|--|-------------|---|--|---|-------------|---|
| REVISIONS DATE DESCRIPTION DATE DESCRIPTION | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (4) SHEET NO. |
| DATE | DESCRIPTION | | DATE | DESCRIPTION | DESCRIPTION | |
| | | | | ROAD NO. COUNTY FINANCIAL PROJECT ID SR 45 HILLSBOROUGH 440749-1-52-01 | | |

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



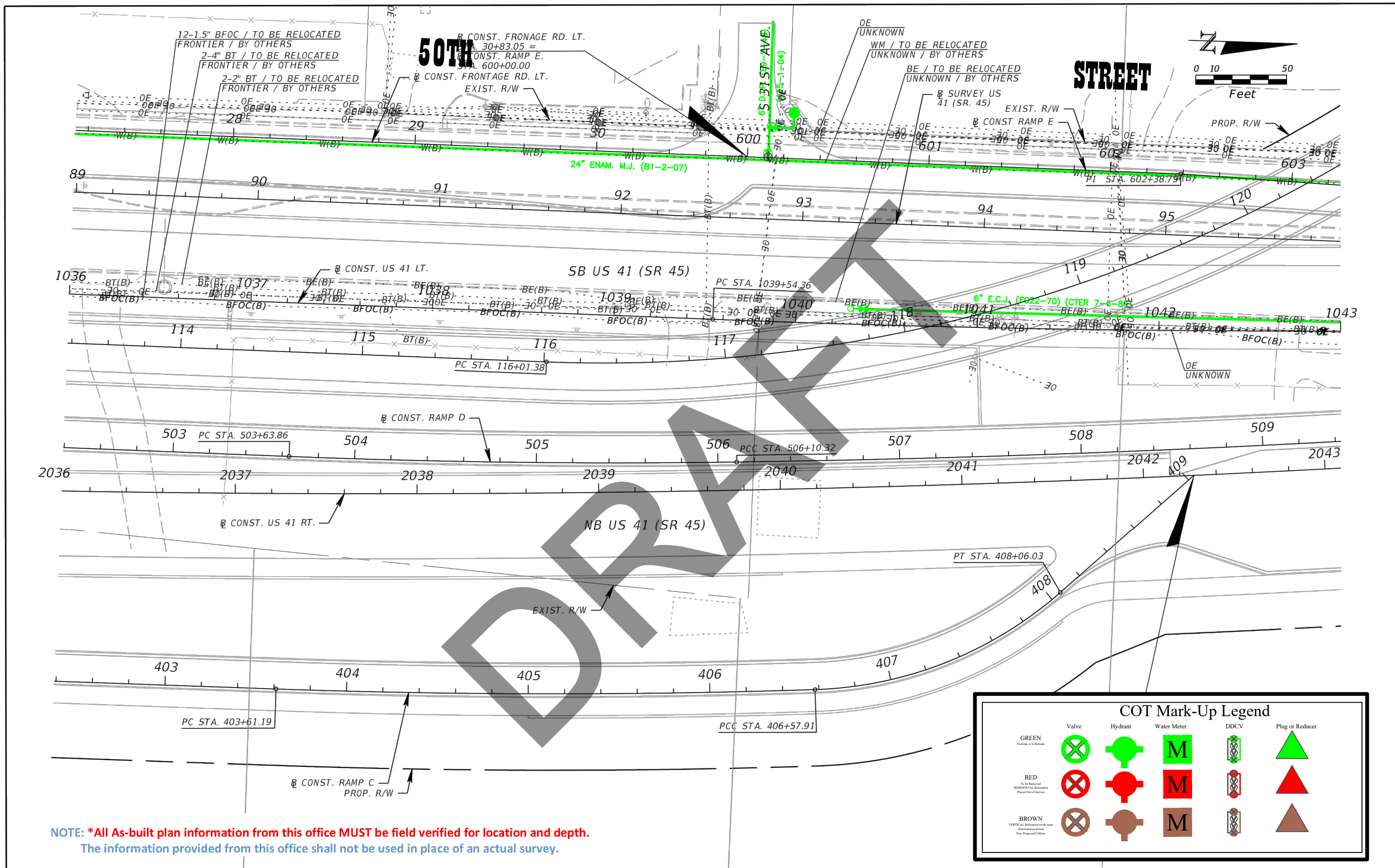
NOTE: *All As-built plan information from this office MUST be field verified for location and depth. The information provided from this office shall not be used in place of an actual survey.

COT Mark-Up Legend

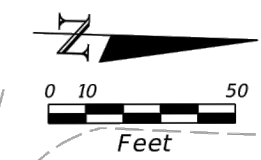
| Color | Valve | Hydrant | Water Meter | DDCV | Plug or Reducer |
|--|-------|---------|-------------|------|-----------------|
| GREEN <small>Existing or to Remain</small> | | | | | |
| RED <small>To Be Removed Horizontal Relocation Placed Out of Service</small> | | | | | |
| BROWN <small>VERTICAL Relocation (with same Horizontal position) New Proposed Utilities</small> | | | | | |

| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (5) | SHEET NO. |
|-----------|-------------|------|-------------|---|--|--------------|----------------------|-------------------------|--------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

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STREET



DRAFT

NOTE: *All As-built plan information from this office MUST be field verified for location and depth.
 The information provided from this office shall not be used in place of an actual survey.

| COT Mark-Up Legend | | | | | |
|--|-------|---------|-------------|------|-----------------|
| | Valve | Hydrant | Water Meter | DDCV | Plug or Reducer |
| GREEN <small>Existing or to Remain</small> | | | | | |
| RED <small>To be Replaced HEREAFTER TO BE Replaced Placed Out of Service</small> | | | | | |
| BROWN <small>VERTICAL Relocations (with same Horizontal position) New Proposed Location</small> | | | | | |

| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

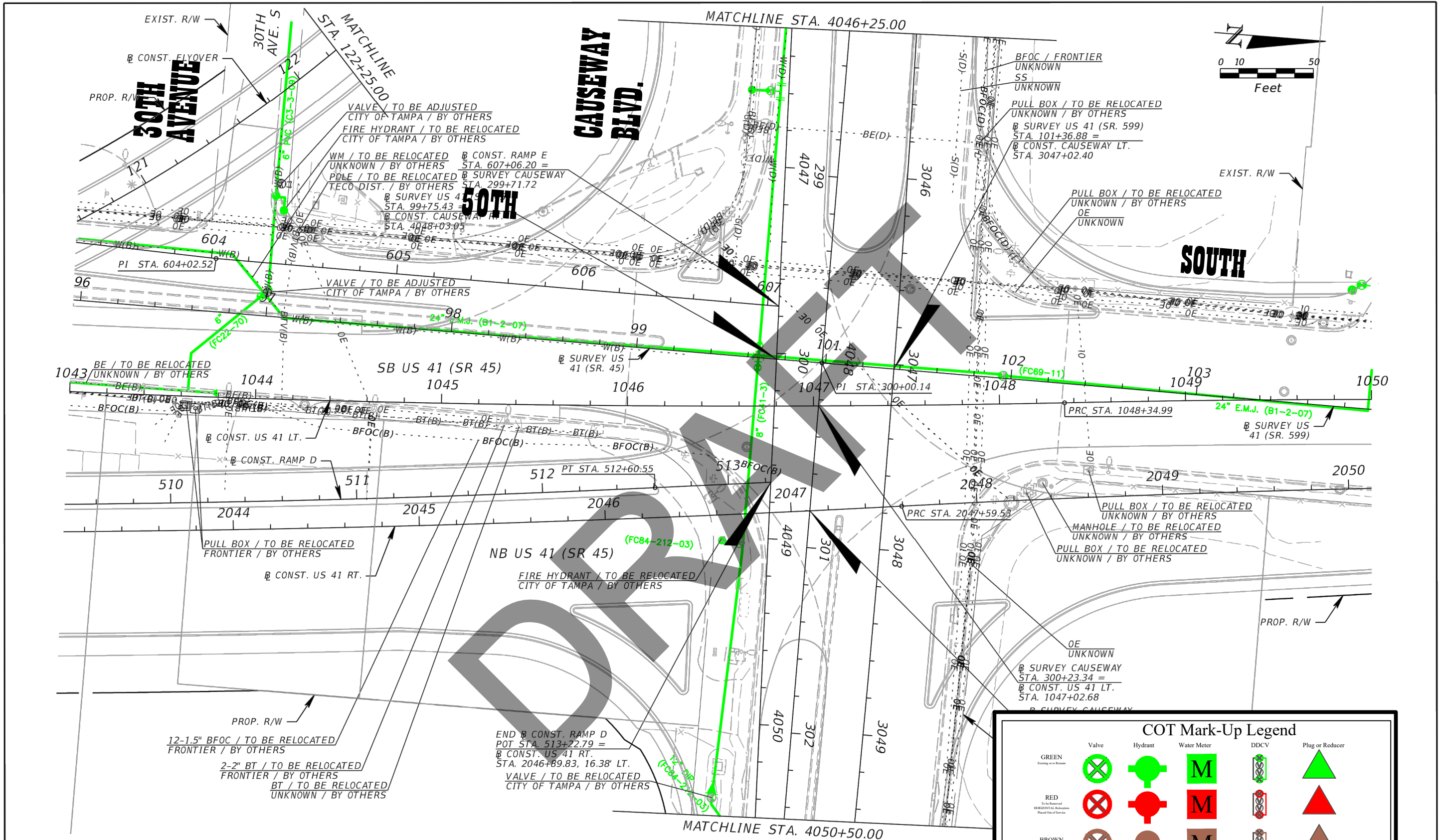
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (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.

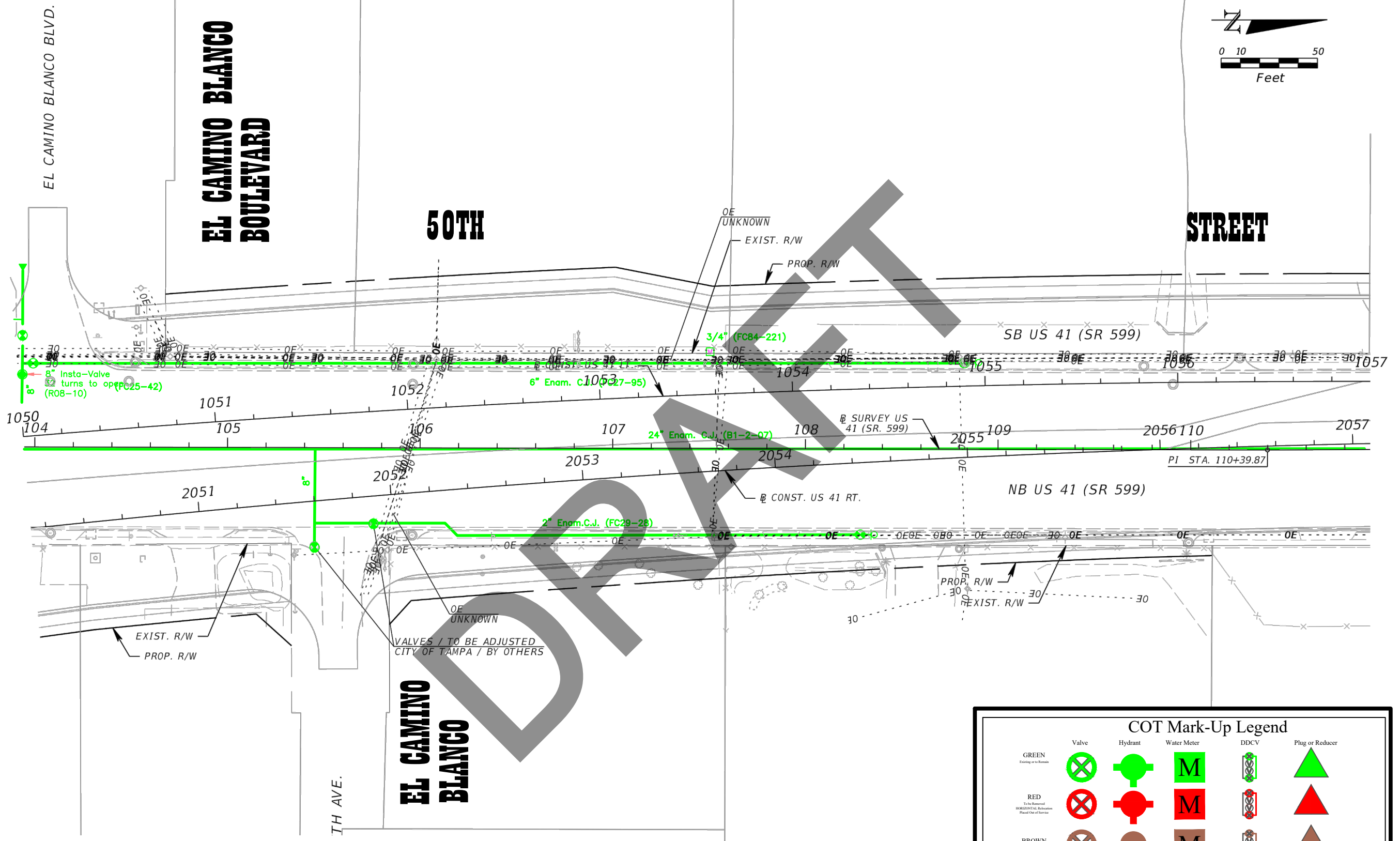
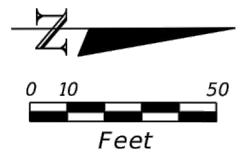


NOTE: *All As-built plan information from this office MUST be field verified for location and depth. The information provided from this office shall not be used in place of an actual survey.

| COT Mark-Up Legend | | | | | |
|---|-------|---------|-------------|------|-----------------|
| | Valve | Hydrant | Water Meter | DDCV | Plug or Reducer |
| GREEN <small>Existing or Known</small> | | | | | |
| RED <small>To be Relocated Horizontal Relocation Placed Out of Service</small> | | | | | |
| BROWN <small>Vertical Relocation with Horizontal Junction New Proposed Utilities</small> | | | | | |

| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. |
|-----------|-------------|------|-------------|---|--|--------------|----------------------|--------------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | UTILITY ADJUSTMENTS (7) |

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



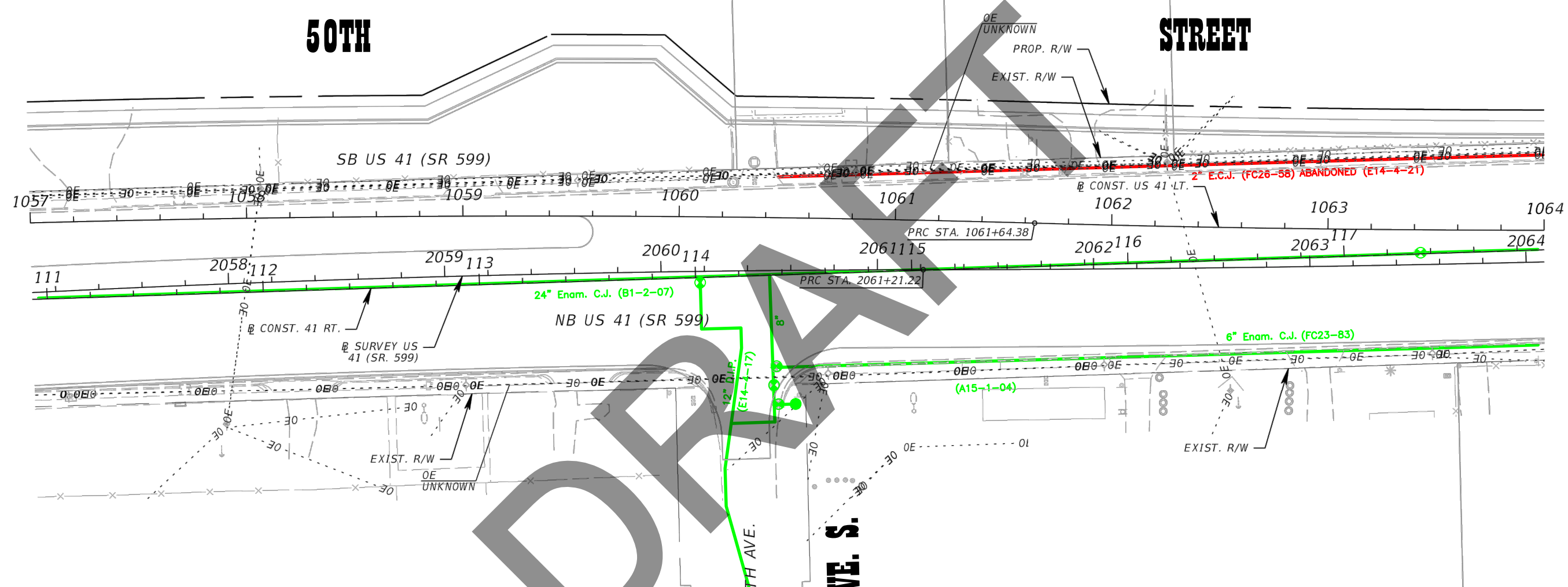
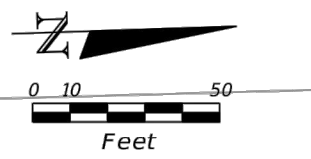
NOTE: *All As-built plan information from this office MUST be field verified for location and depth.
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COT Mark-Up Legend

| | Valve | Hydrant | Water Meter | DDCV | Plug or Reducer |
|---|-------|---------|-------------|------|-----------------|
| GREEN <small>Existing or to Be Installed</small> | | | | | |
| RED <small>To Be Replaced (RESIDENTIAL Substation, Placed Out of Service)</small> | | | | | |
| BROWN <small>VERTICAL: Replaced with same Horizontal position Note: Proposed Utilities</small> | | | | | |

| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (8) | SHEET NO. |
|-----------|-------------|------|-------------|---|--|--------------|----------------------|-------------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

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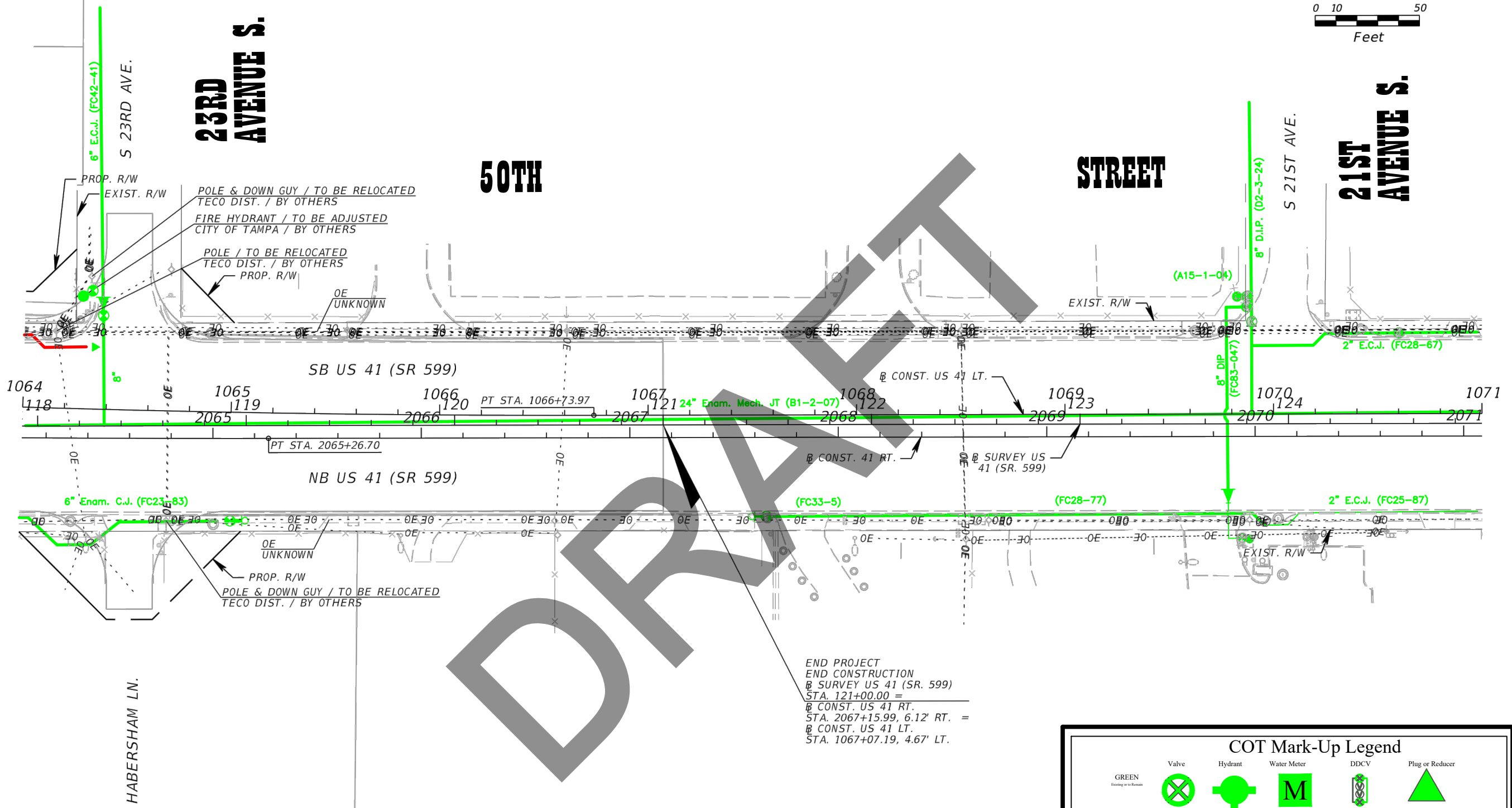
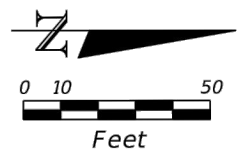
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| COT Mark-Up Legend | | | | | |
|--|-------|---------|-------------|------|-----------------|
| | Valve | Hydrant | Water Meter | DDCV | Plug or Reducer |
| GREEN <small>Existing or in Service</small> | | | | | |
| RED <small>To Be Removed Horizontal Relocation Placed Out of Service</small> | | | | | |
| BROWN <small>VERTICAL Relocation with same Horizontal position New Proposed Utility</small> | | | | | |

| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (9) | SHEET NO. |
|-----------|-------------|------|-------------|---|--|--------------|----------------------|-------------------------|--------------|
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| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

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DRAFT

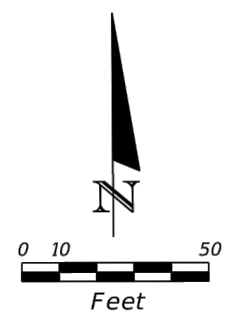
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 END CONSTRUCTION
 @ SURVEY US 41 (SR. 599)
 STA. 121+00.00 =
 @ CONST. US 41 RT.
 STA. 2067+15.99, 6.12' RT. =
 @ CONST. US 41 LT.
 STA. 1067+07.19, 4.67' LT.

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| COT Mark-Up Legend | | | | | |
|---|-------|---------|-------------|------|-----------------|
| | Valve | Hydrant | Water Meter | DDCV | Plug or Reducer |
| GREEN <small>Existing or to Remain</small> | | | | | |
| RED <small>To be Removed Horizontal Relocation Placed Out of Service</small> | | | | | |
| BROWN <small>VERTICAL Relocation (with owner) Horizontal Relocation New Proposed Utilities</small> | | | | | |

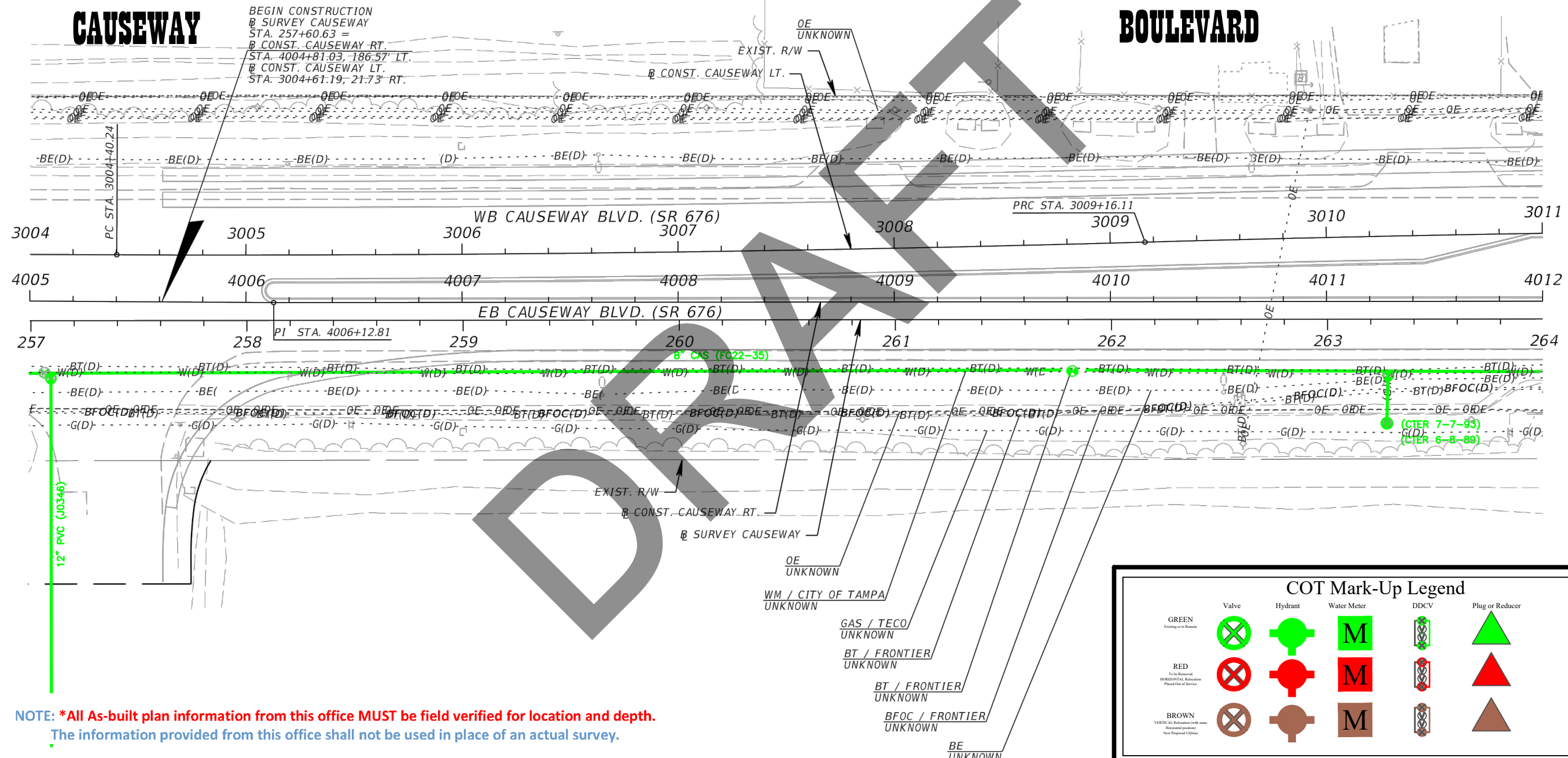
| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (10) | SHEET NO. |
|-----------|-------------|------|-------------|---|--|----------------|----------------------|--------------------------|-----------|
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| | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | | |

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CAUSEWAY

BOULEVARD

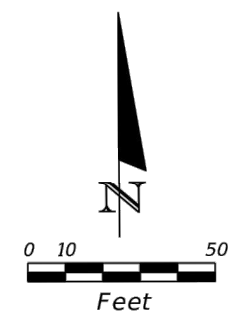


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| COT Mark-Up Legend | | | | | |
|--|-------|---------|-------------|------|-----------------|
| | Valve | Hydrant | Water Meter | DDCV | Plug or Reducer |
| GREEN <small>Existing or Known</small> | | | | | |
| RED <small>To be Removed Horizontal Relocation Placed Out of Service</small> | | | | | |
| BROWN <small>Vertical Relocation (with same Horizontal position) New Proposed Utility</small> | | | | | |

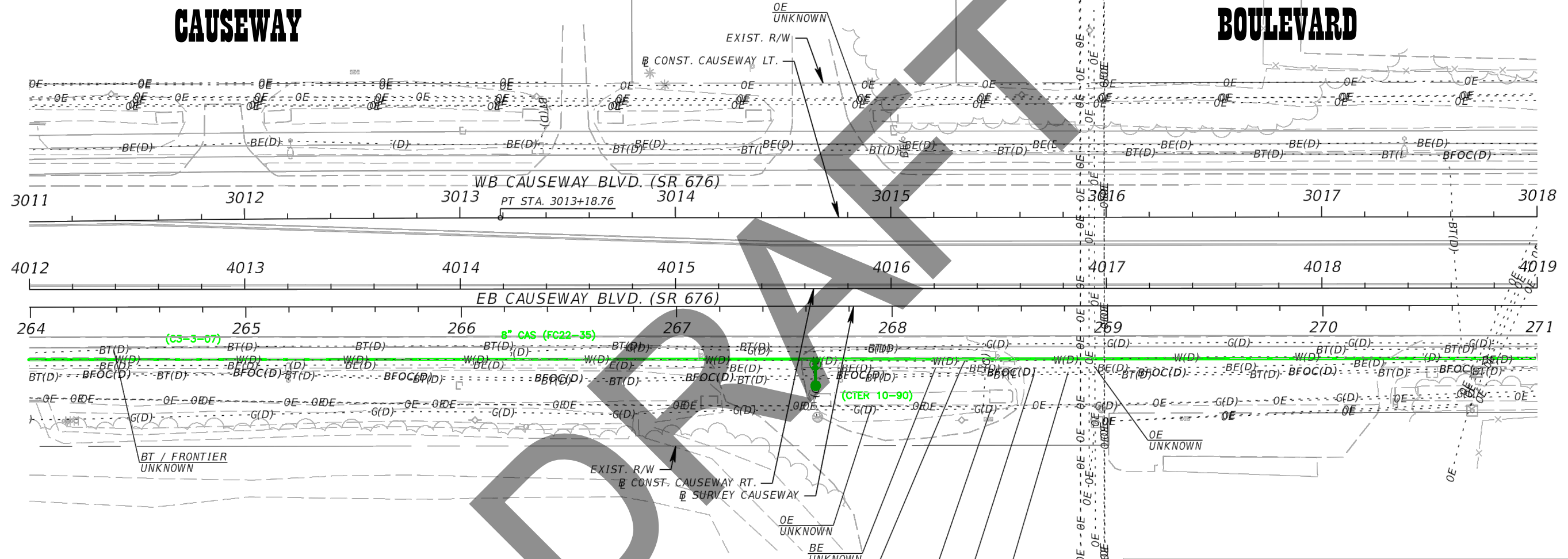
| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (11) | SHEET NO. |
|-----------|-------------|------|-------------|---|--|--------------|----------------------|--------------------------|--------------|
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| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

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CAUSEWAY

BOULEVARD



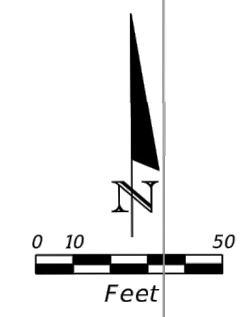
NOTE: *All As-built plan information from this office MUST be field verified for location and depth. The information provided from this office shall not be used in place of an actual survey.

COT Mark-Up Legend

| | Valve | Hydrant | Water Meter | DDCV | Plug or Reducer |
|---|-------|---------|-------------|------|-----------------|
| GREEN <small>Existing in Service</small> | | | | | |
| RED <small>To be Removed Horizontal Relocation Piped Out of Service</small> | | | | | |
| BROWN <small>VERTICAL Relocation with same Horizontal position New Proposed Utility</small> | | | | | |

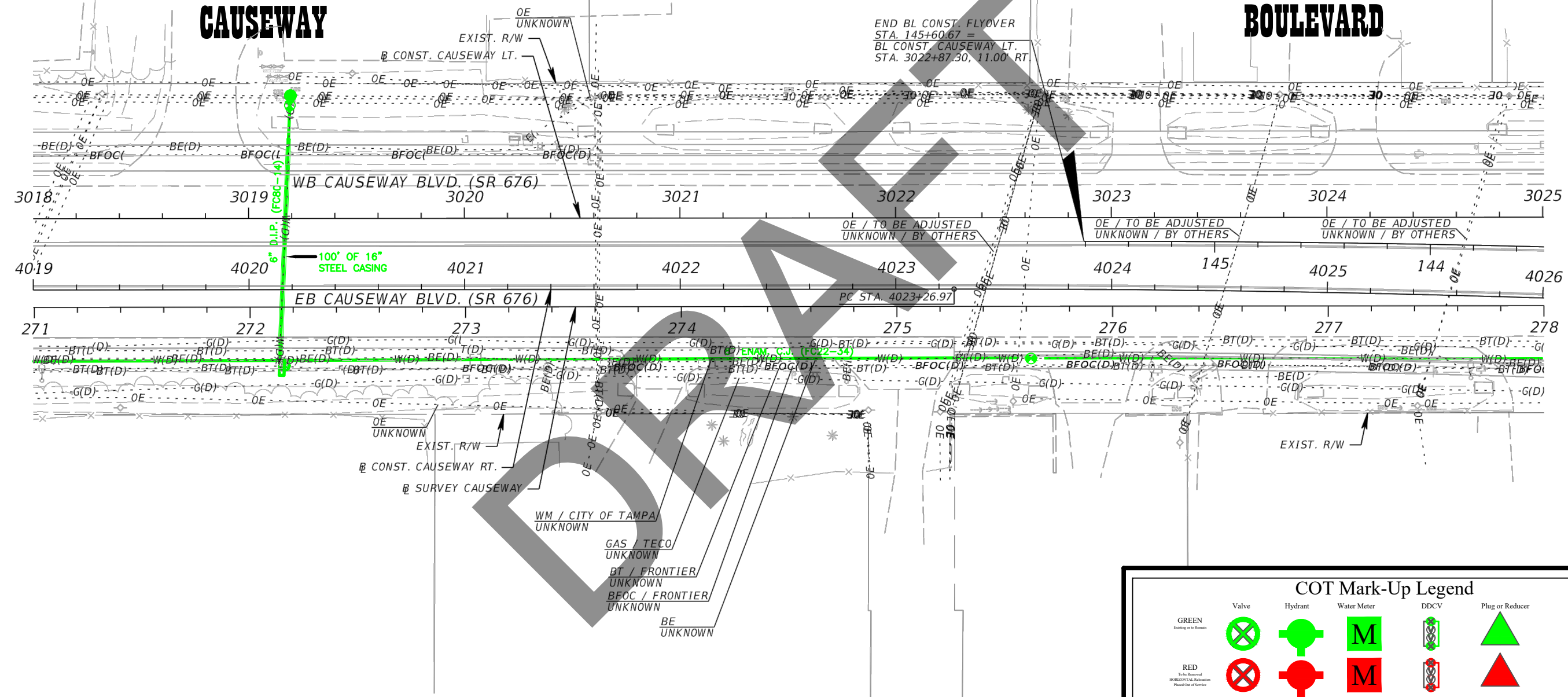
| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (12) | SHEET NO. |
|-----------|-------------|------|-------------|---|--|--------------|----------------------|---------------------------------|--------------|
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| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

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CAUSEWAY

BOULEVARD



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| COT Mark-Up Legend | | | | | |
|---|-------|---------|-------------|------|-----------------|
| | Valve | Hydrant | Water Meter | DDCV | Plug or Reducer |
| GREEN Existing or to Remain | | | | | |
| RED To be Installed Horizontal Relocation Placed for Use of Service | | | | | |
| BROWN Vertical Relocation with same Horizontal position New Proposed Utility | | | | | |

| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

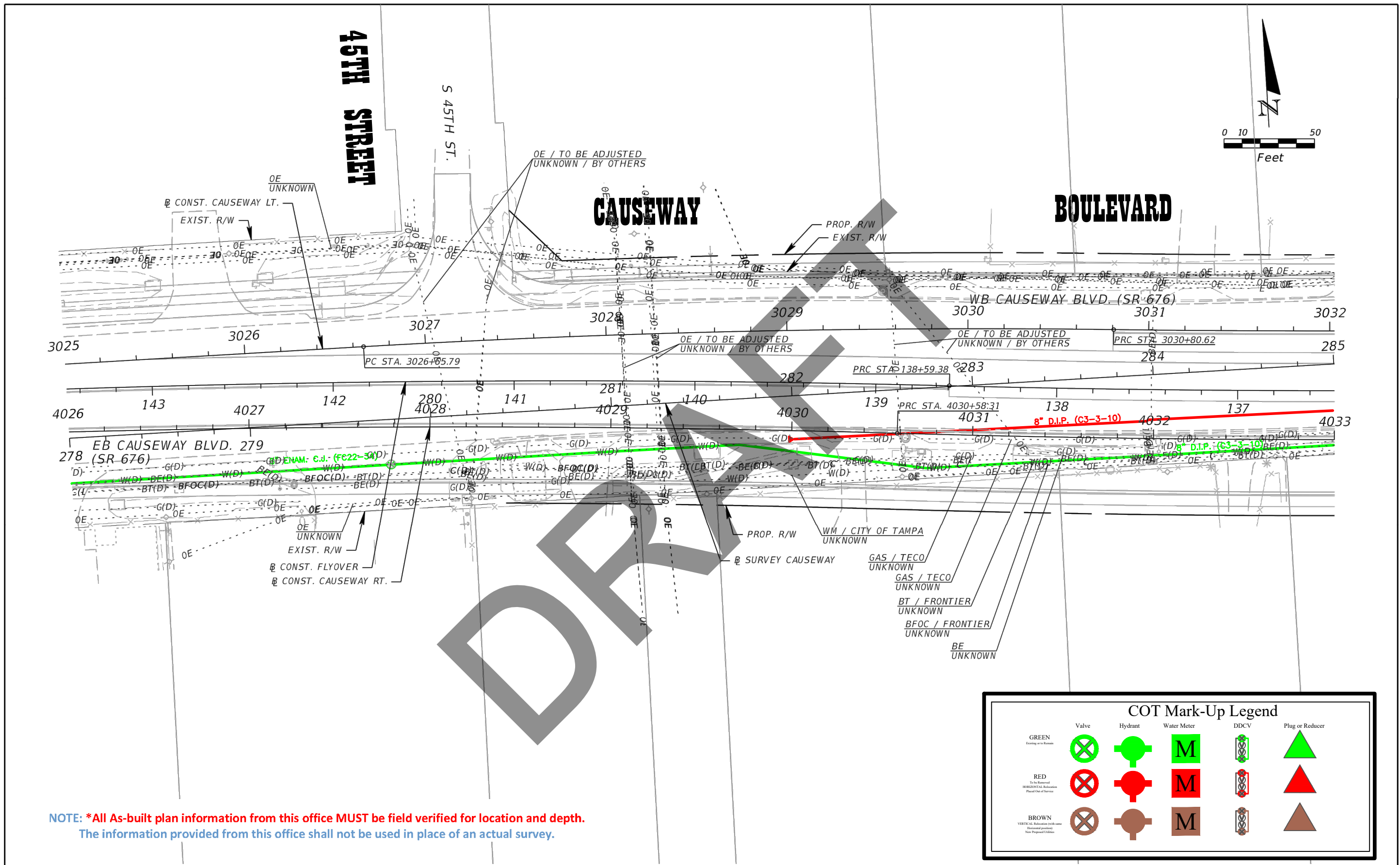
Kisinger Campo & Associates Corp.
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record: Branan R. Anderson, PE
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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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UTILITY ADJUSTMENTS (13)

SHEET NO.

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| COT Mark-Up Legend | | | | | |
|---|-------|---------|-------------|------|-----------------|
| | Valve | Hydrant | Water Meter | DDCV | Plug or Reducer |
| GREEN <small>Existing or in Service</small> | | | | | |
| RED <small>To be Removed Horizontal Relocations Please Use of Service</small> | | | | | |
| BROWN <small>Vertical Relocations (with same Horizontal position) New Proposed Utilities</small> | | | | | |

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

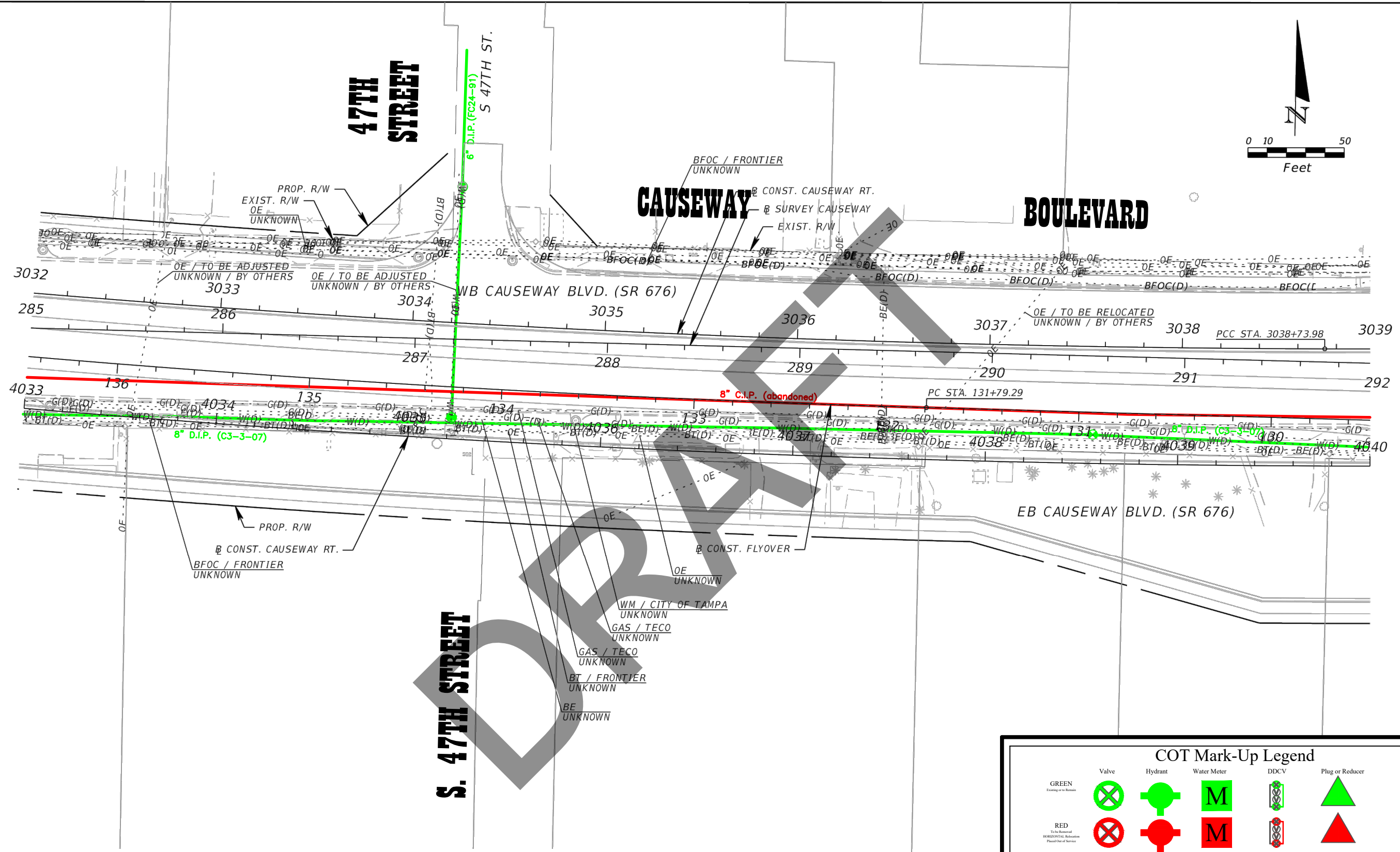
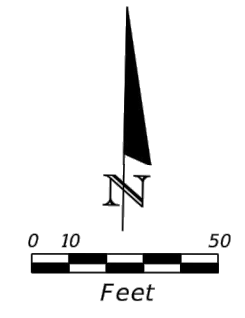
Kisinger Campo & Associates Corp.
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Engineer of Record: Branan R. Anderson, PE
P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (14)

SHEET NO.

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



DRAFT

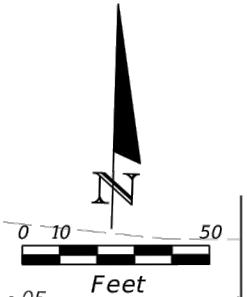
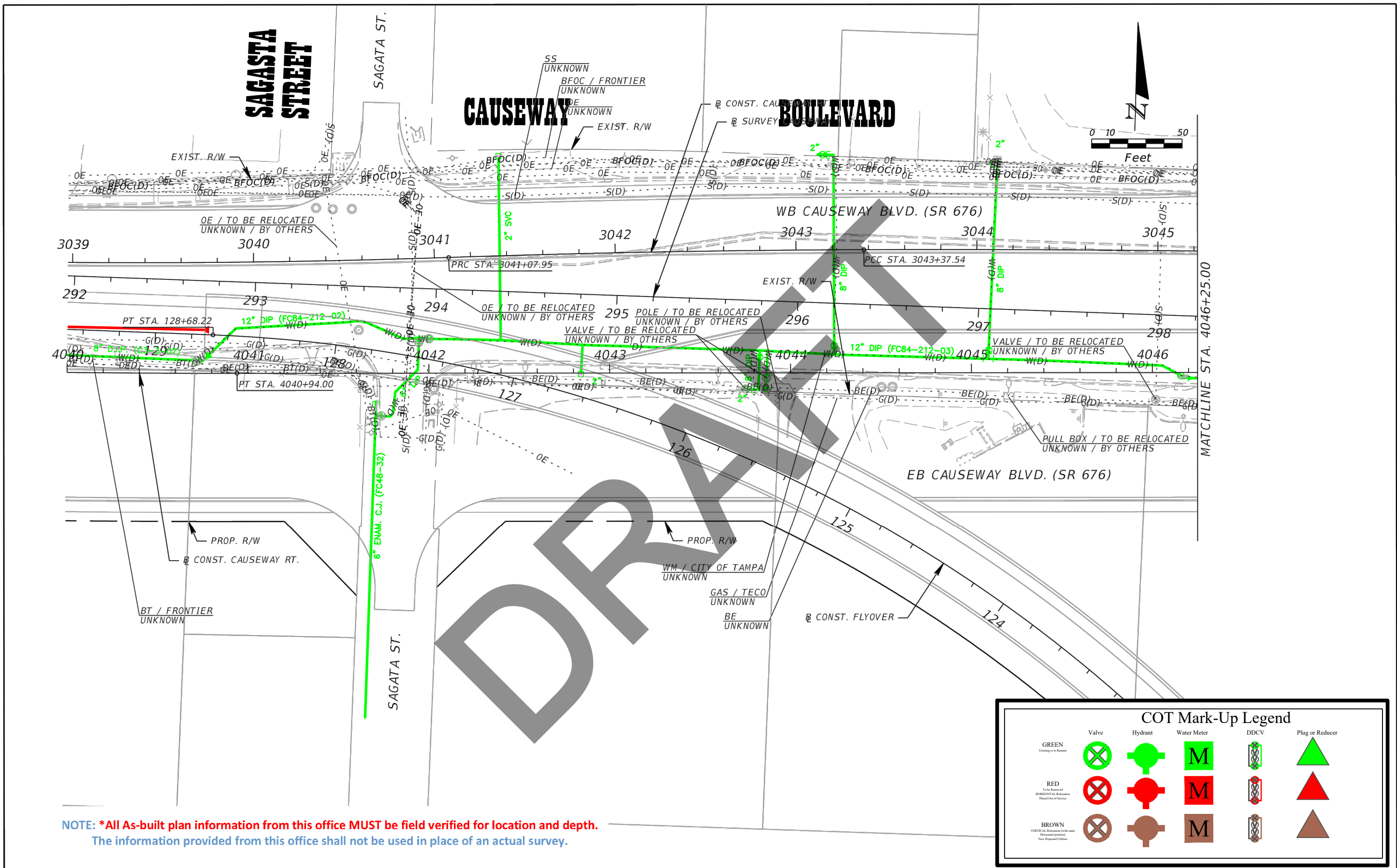
NOTE: *All As-built plan information from this office MUST be field verified for location and depth.
 The information provided from this office shall not be used in place of an actual survey.

| COT Mark-Up Legend | | | | | |
|--|-------|---------|-------------|------|-----------------|
| | Valve | Hydrant | Water Meter | DDCV | Plug or Reducer |
| GREEN <small>Existing in the Record</small> | | | | | |
| RED <small>To Be Replaced OR RECONSTRUCTED Placed Out of Service</small> | | | | | |
| BROWN <small>VERTICAL: Reconstruct (with same illustrated position) New Proposed Location</small> | | | | | |

| REVISIONS | | | | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (15) | SHEET NO. |
|-----------|-------------|------|-------------|--|--------------|----------------------|---------------------------------|--------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

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



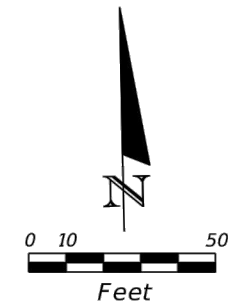
DRAFT

NOTE: *All As-built plan information from this office MUST be field verified for location and depth.
 The information provided from this office shall not be used in place of an actual survey.

| COT Mark-Up Legend | | | | | |
|---|-------|---------|-------------|------|-----------------|
| | Valve | Hydrant | Water Meter | DDCV | Plug or Reducer |
| GREEN <small>Existing or to Remain</small> | | | | | |
| RED <small>To be Relocated HORIZONTAL Relocations Placed Over of Surface</small> | | | | | |
| BROWN <small>VERTICAL Relocations (with same Horizontal position) New Proposed Utilities</small> | | | | | |

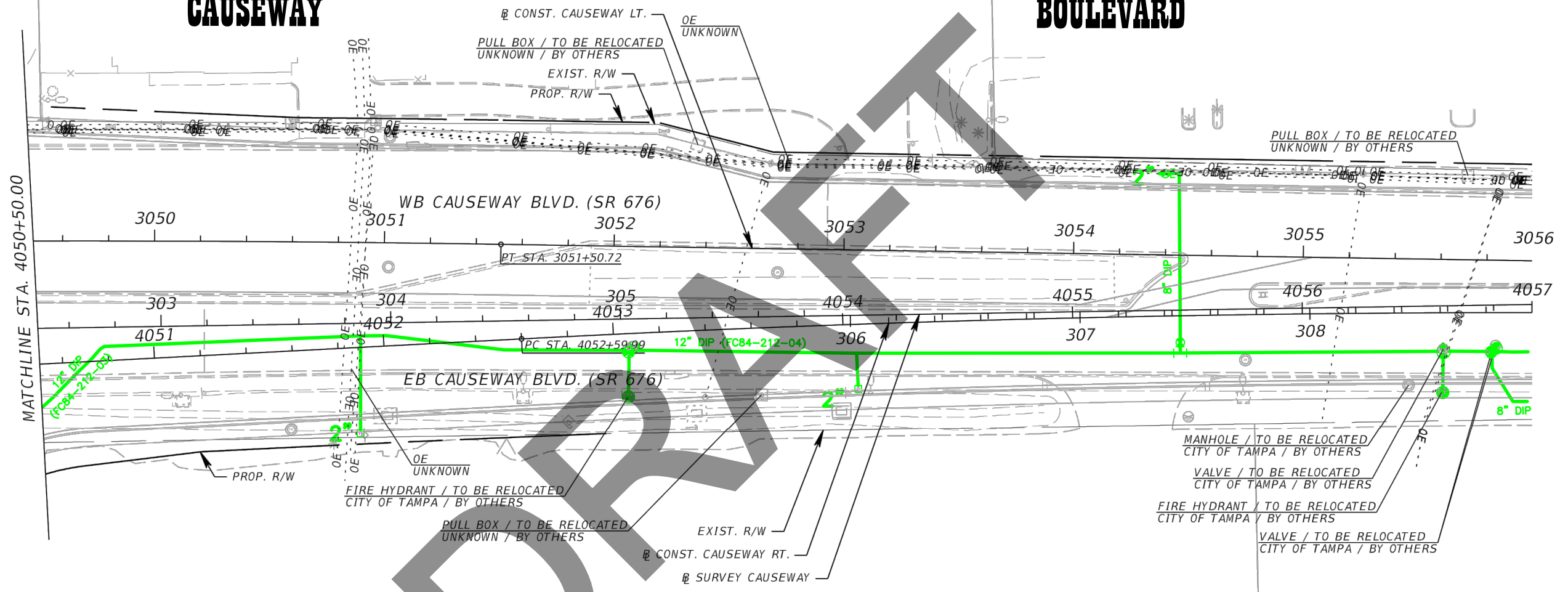
| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (16) | SHEET NO. |
|-----------|-------------|------|-------------|---|--|--------------|----------------------|--------------------------|--------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

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



CAUSEWAY

BOULEVARD



MATCHLINE STA. 4050+50.00

NOTE: *All As-built plan information from this office MUST be field verified for location and depth. The information provided from this office shall not be used in place of an actual survey.

COT Mark-Up Legend

| | Valve | Hydrant | Water Meter | DDCV | Plug or Reducer |
|---|-------|---------|-------------|------|-----------------|
| GREEN <small>Existing or to Remain</small> | | | | | |
| RED <small>To be Relocated HORIZONTAL Relocation Placed Out of Service</small> | | | | | |
| BROWN <small>Vertical Relocation with same Horizontal position New Proposed Utility</small> | | | | | |

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

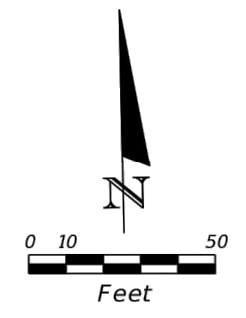
Kisinger Campo & Associates Corp.
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record: Branan R. Anderson, PE
P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (17)

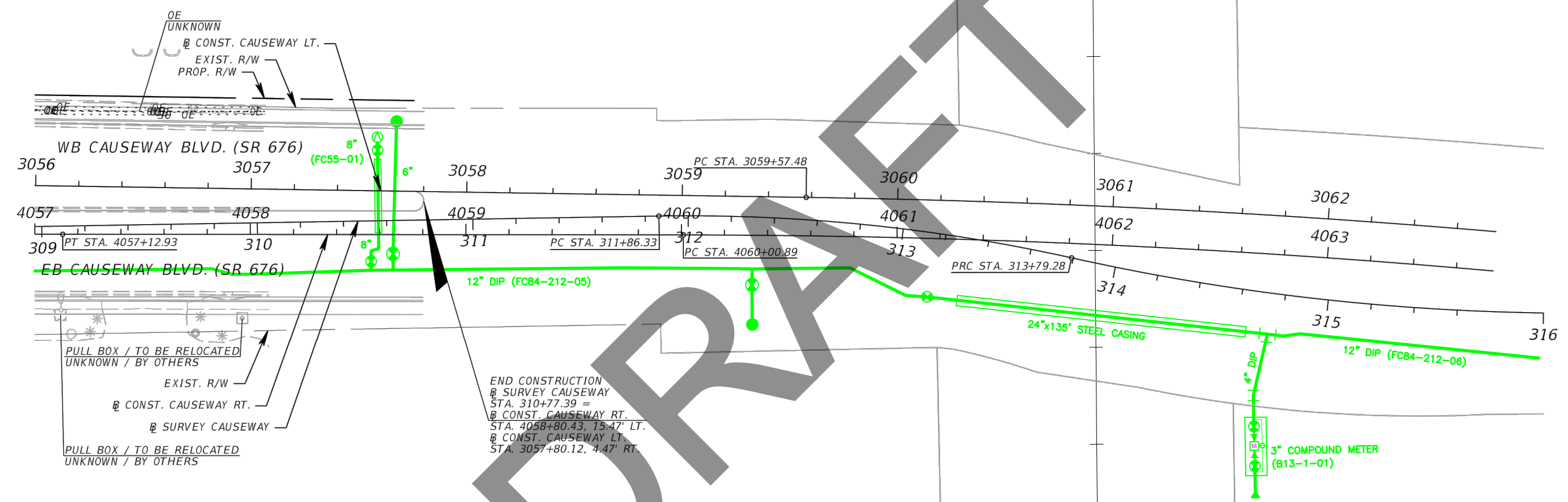
SHEET NO.

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



CAUSEWAY

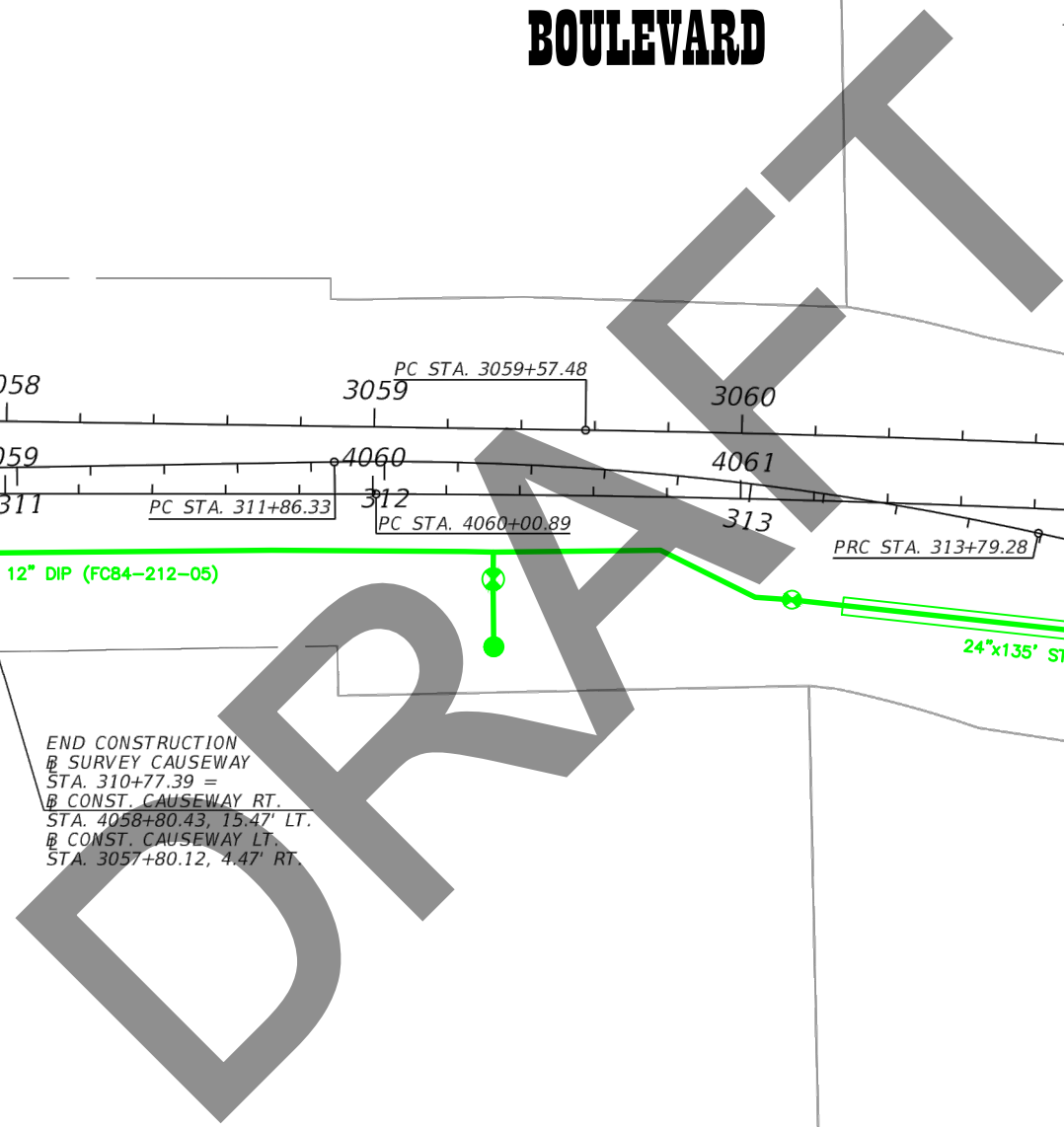
BOULEVARD



OE UNKNOWN
 @ CONST. CAUSEWAY LT.
 EXIST. R/W
 PROP. R/W

PULL BOX / TO BE RELOCATED
 UNKNOWN / BY OTHERS
 EXIST. R/W
 @ CONST. CAUSEWAY RT.
 @ SURVEY CAUSEWAY
 PULL BOX / TO BE RELOCATED
 UNKNOWN / BY OTHERS

END CONSTRUCTION
 @ SURVEY CAUSEWAY
 STA. 310+77.39 =
 @ CONST. CAUSEWAY RT.
 STA. 4058+80.43, 15.47' LT.
 @ CONST. CAUSEWAY LT.
 STA. 3057+80.12, 4.47' RT.

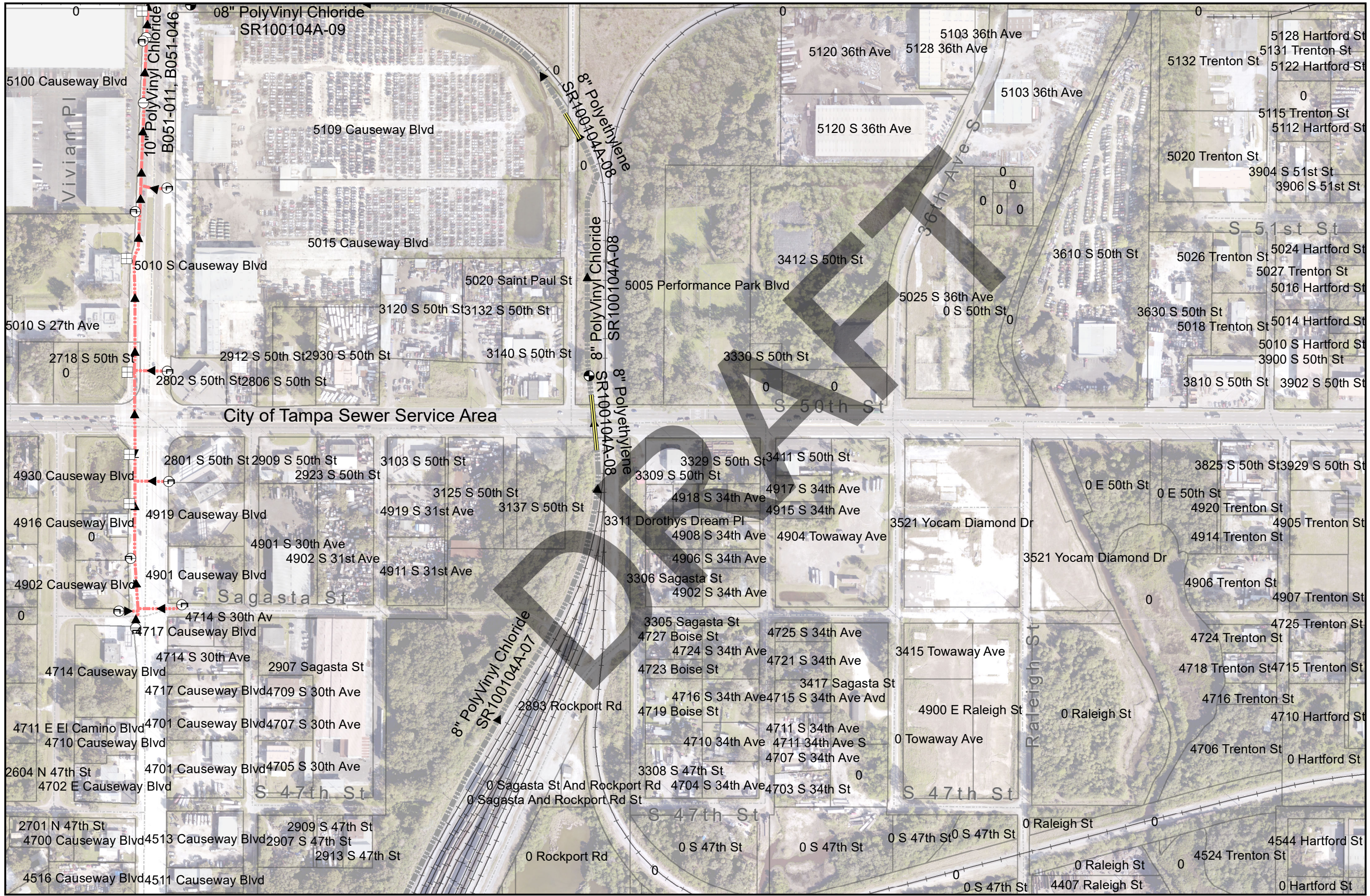


NOTE: *All As-built plan information from this office MUST be field verified for location and depth. The information provided from this office shall not be used in place of an actual survey.

| COT Mark-Up Legend | | | | | |
|---|-------|---------|-------------|------|-----------------|
| | Valve | Hydrant | Water Meter | DDCV | Plug or Reducer |
| GREEN <small>Existing or Reuse</small> | | | | | |
| RED <small>To be Replaced Horizontal Relocation Final Out of Service</small> | | | | | |
| BROWN <small>VERTICAL Relocation with cover (Marked position) New Proposed Utilities</small> | | | | | |

| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (18) | SHEET NO. |
|-----------|-------------|------|-------------|---|--|--------------|----------------------|--------------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

Wastewater Utility Map



0 162.5 325 Feet

1 inch = 300 feet



Wastewater Department

Legend

- Network Structures**
Owned By, Structure Type
- Private Grease Separator
 - Private Pump Station
 - Tampa Diversion Chamber
 - Tampa Flow Meter
 - Tampa Junction Chamber
 - Tampa Pump Station
 - Tampa Treatment Plant
 - Temple Terrace Pump Station
- Manholes**
Owned By, Active Flag
- Tampa, True
 - Tampa, False
 - Private, True
 - Private, False
- Gravity Mains**
Owned By, Active Flag
- Tampa True
 - Tampa False
 - Private True
 - Private False
- Pressurized Mains**
Owned By, Active Flag
- Tampa, True
 - Tampa, False
 - Private, True
 - Private, False
- Railroads
 - Road Centerline
 - Tax Parcels

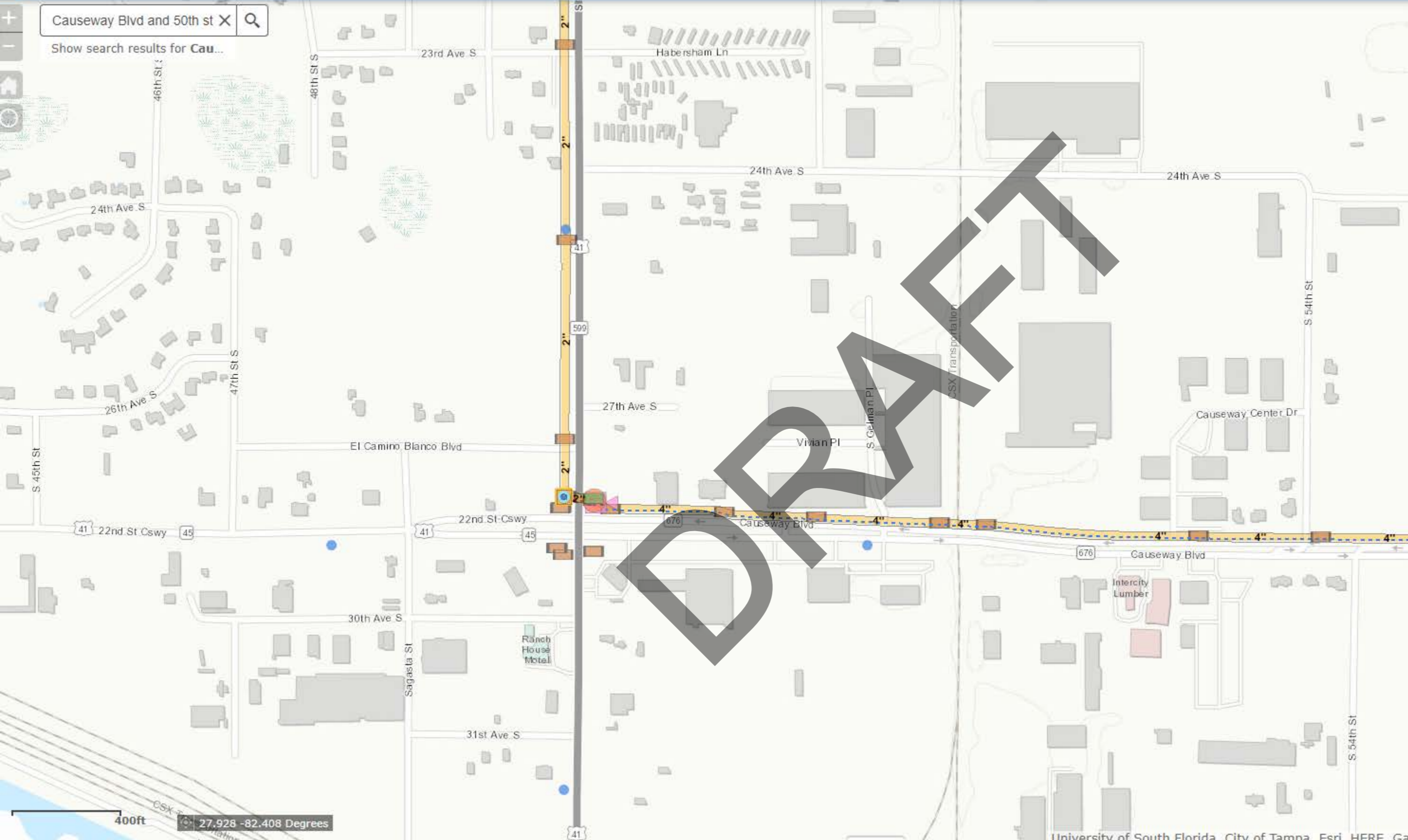
Sheet No.

1
of 1

Date: 7/28/2020

Causeway Blvd and 50th st X

Show search results for Cau...

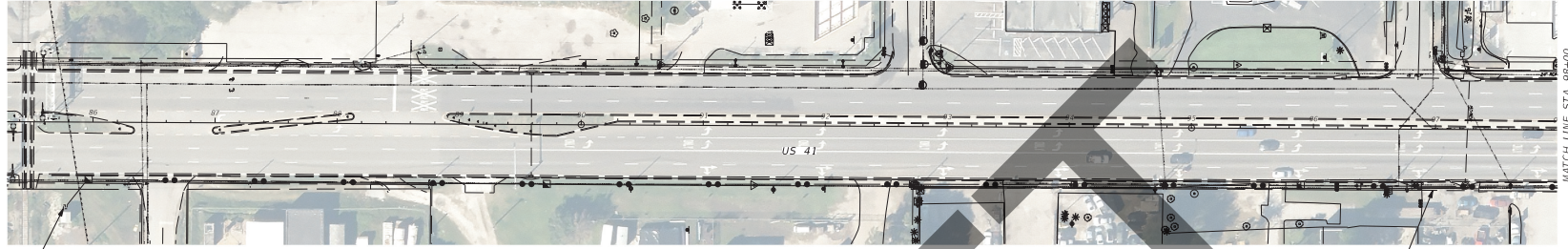


Legend

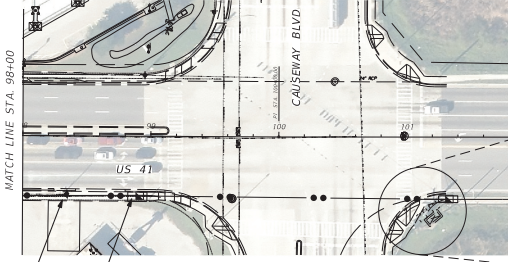
HCPWD_Traffic_Telecom_Viewer

- HCPWD Telecom Assets
 - DynamicSign
 - Cable Terminal
 - Cable Junction
 - Antenna
 - Controller Assembly
 - Other
 - Splice Enclosure
- Traffic Related Meter
- Traffic Sensor
 - Other
 - EM
 - Video
 - Wireless
- Copper Cable
 - Aerial
 - Underground
- Fiber Bundle Cable
 - Aerial
 - Underground
- Traffic System Structure
 - Box
 - Cabinet
 - Pole
- Traffic System Conduit
- Communication Hub

400ft 27.928 -82.408 Degrees



SEE NOTE 1



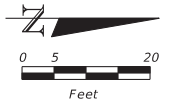
EXISTING R/W

REMOVE/REPLACE SIDEWALK

POWER SERVICE PULL BOX
HIGH VOLTAGE PULL BOX
LOW VOLTAGE PULL BOX
(TWO SPARE CONDUITS)

EXISTING R/W

REMOVE/REPLACE SIDEWALK

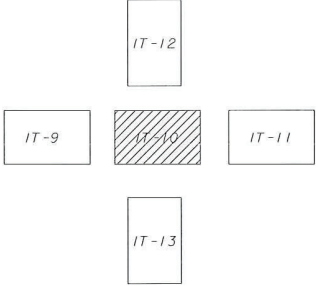
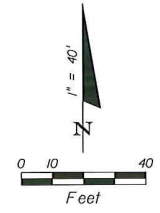
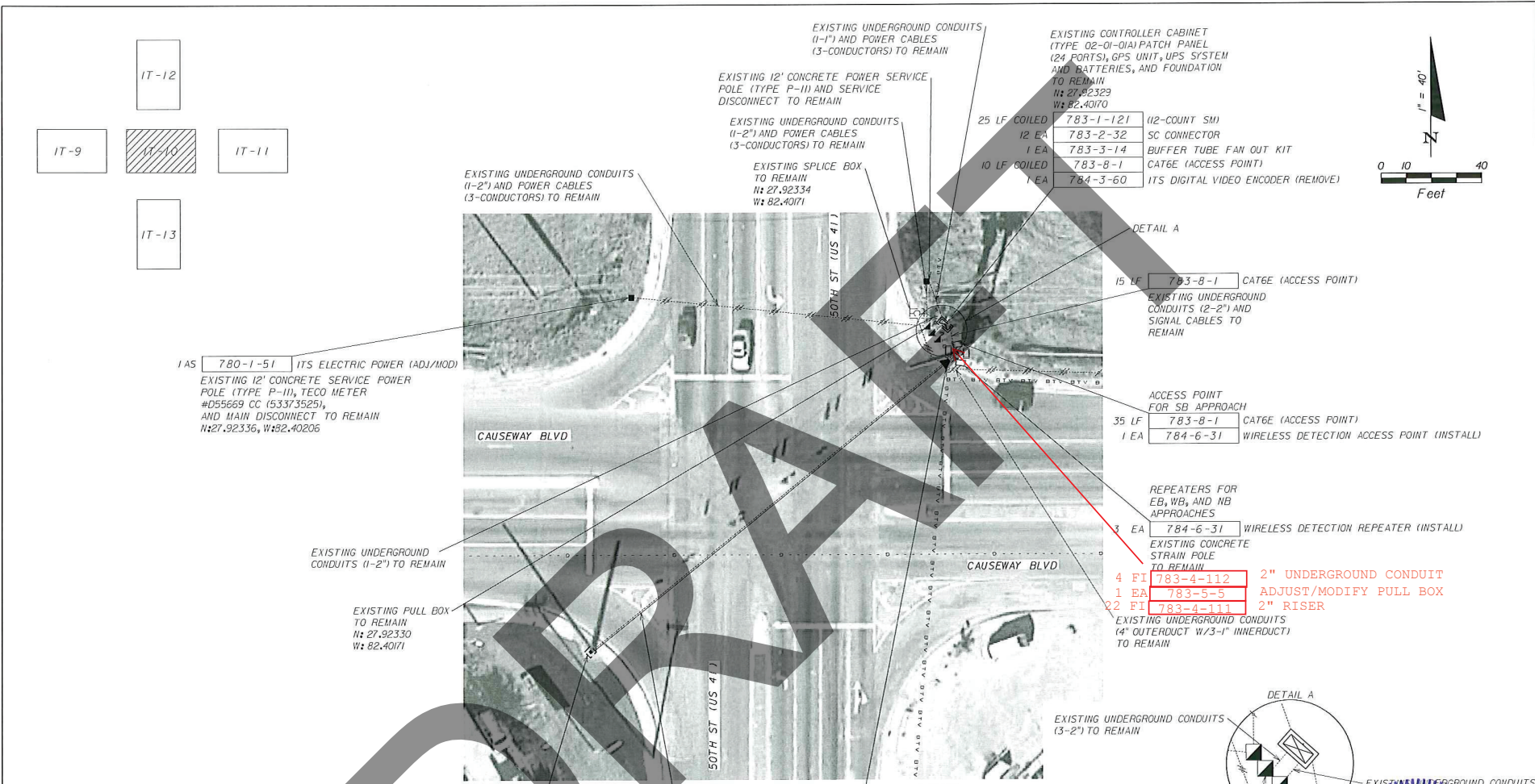


DRAFT

NOTES

1. COORDINATE WITH CSX FOR PREEMPT CABLE CONNECTION.
2. ENTER CONTROLLER CABINET THROUGH AVAILABLE 2 INCH SPARE FROM LOW VOLTAGE PULL BOX.
3. PROVIDE PREEMPTION PANEL AND CONNECTIONS AS NEEDED.
4. PROVIDE STEP DOWN TRANSFORMER FOR 24 VAC PREEMPT CABLE FEED. A 24 VAC ISOLATION RELAY IS REQUIRED FOR CONTROLLER PREEMPT INPUT.
5. PROVIDE AND IMPLEMENT PREEMPTION TIMINGS.
6. COORDINATE ALL WORK WITH HILLSBOROUGH COUNTY TRAFFIC AND FDOT.

| REVISIONS | | | | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | US 41 AT CAUSEWAY BLVD SIGNAL PREEMPTION | SHEET NO. |
|-----------|-------------|------|-------------|--|--------------|----------------------|---|--------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | 1 OF 1 |
| | | | | SR 45 | HILLSBOROUGH | | | |



1 AS 780-1-51 ITS ELECTRIC POWER (ADJ/MOD)
 EXISTING 12' CONCRETE SERVICE POWER
 POLE (TYPE P-11), TELCO METER
 #055669 CC (53373525),
 AND MAIN DISCONNECT TO REMAIN
 N#27.92336, W#82.40206

EXISTING UNDERGROUND
 CONDUITS (1-2") TO REMAIN

EXISTING PULL BOX
 TO REMAIN
 N# 27.92330
 W# 82.40171

EXISTING CONCRETE
 STRAIN POLE
 TO REMAIN

EXISTING SIGNAL SPAN
 WIRE TO REMAIN

1 EA 782-1-31 CCTV CAMERA ASSEMBLY (INSTALL)

EXISTING UNDERGROUND CONDUITS
 (1-1") AND POWER CABLES
 (3-CONDUCTORS) TO REMAIN
 N# 27.92329
 W# 82.40170

EXISTING 12' CONCRETE POWER SERVICE
 POLE (TYPE P-11) AND SERVICE
 DISCONNECT TO REMAIN

EXISTING UNDERGROUND CONDUITS
 (1-2") AND POWER CABLES
 (3-CONDUCTORS) TO REMAIN

EXISTING SPLICE BOX
 TO REMAIN
 N# 27.92334
 W# 82.40171

25 LF COILED 783-1-121 (1/2-COUNT SM)
 12 EA 783-2-32 SC CONNECTOR
 1 EA 783-3-14 BUFFER TUBE FAN OUT KIT
 10 LF COILED 783-8-1 CAT6E (ACCESS POINT)
 1 EA 784-3-60 ITS DIGITAL VIDEO ENCODER (REMOVE)

15 LF 783-8-1 CAT6E (ACCESS POINT)
 EXISTING UNDERGROUND
 CONDUITS (2-2") AND
 SIGNAL CABLES TO
 REMAIN

ACCESS POINT
 FOR SB APPROACH

35 LF 783-8-1 CAT6E (ACCESS POINT)
 1 EA 784-6-31 WIRELESS DETECTION ACCESS POINT (INSTALL)

REPEATERS FOR
 EB, WB, AND NB
 APPROACHES

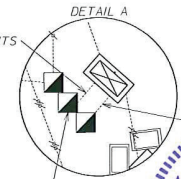
3 EA 784-6-31 WIRELESS DETECTION REPEATER (INSTALL)

EXISTING CONCRETE
 STRAIN POLE
 TO REMAIN

4 FI 783-4-112 2" UNDERGROUND CONDUIT
 1 EA 783-5-5 ADJUST/MODIFY PULL BOX
 22 FI 783-4-111 2" RISER

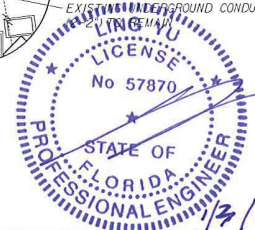
EXISTING UNDERGROUND CONDUITS
 (4" OUTERDUCT W/3-1" INNERDUCT)
 TO REMAIN

EXISTING UNDERGROUND CONDUITS
 (3-2") TO REMAIN




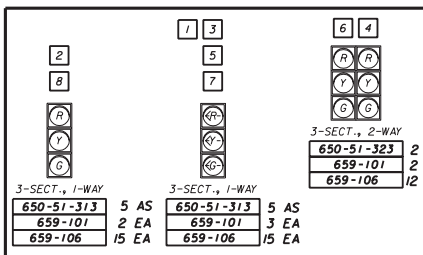
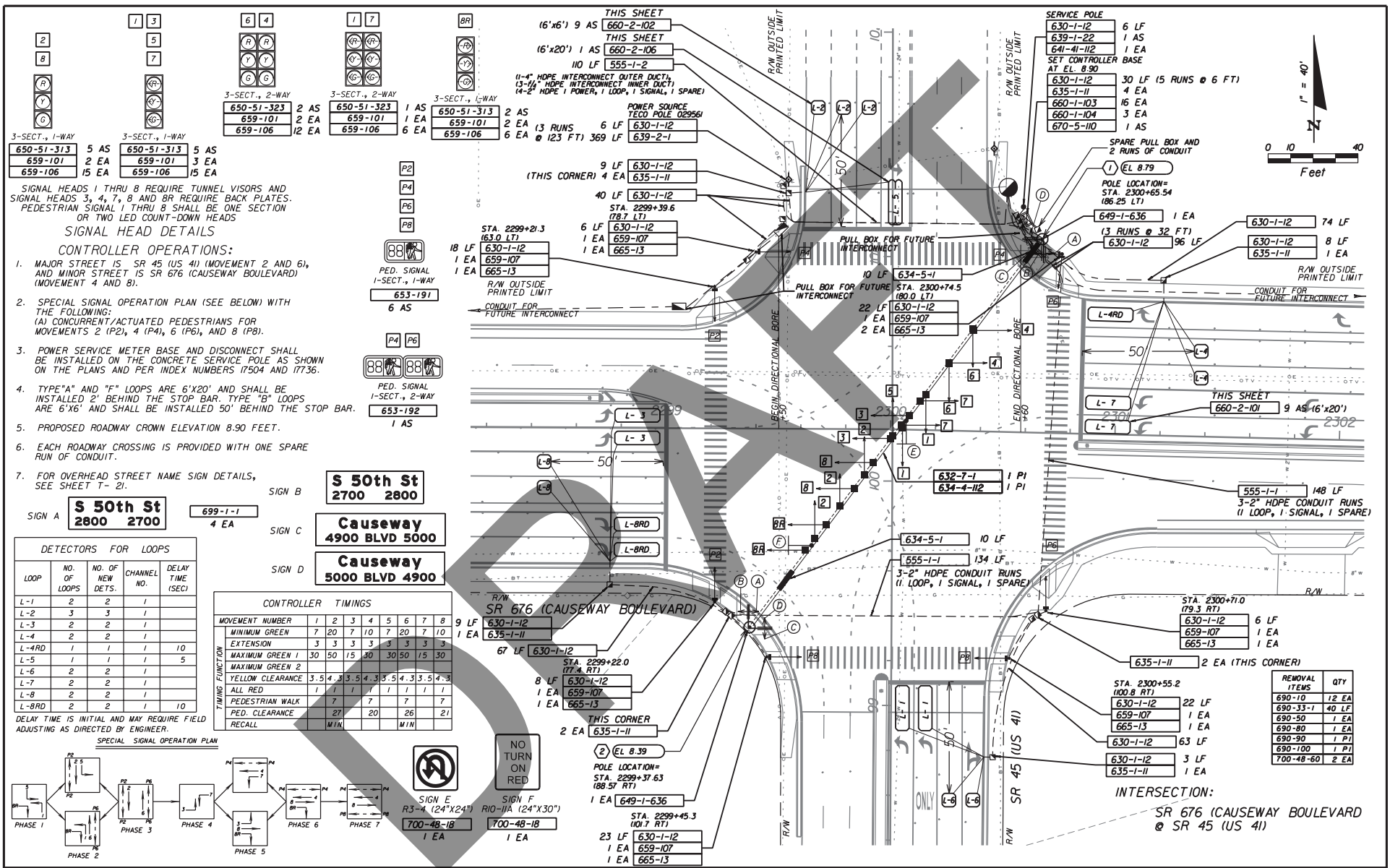
AS BUILTS

EXISTING PULL BOXES
 TO REMAIN
 N# 27.92330
 W# 82.40171



- NOTES:
- EXISTING POWER SERVICE METER BASE AND DISCONNECT SHALL REMAIN.
 - EXISTING SIGNAL POLES, SIGNAL INFRASTRUCTURE, SIGNAL CABLES, SIGNAL HEADS, PEDESTRIAN HEADS AND DETECTION, AND VEHICULAR DETECTION SHALL REMAIN.
 - EXISTING SIGNAL OPERATIONS AND TIMINGS SHALL REMAIN.

| REVISIONS | | | Gord & Associates, Inc. 1215 N. NEBRASKA AVENUE STE. B9 TAMPA, FLORIDA 33612 CERTIFICATE OF AUTHORIZATION 9080 ENGINEER OF RECORD LING YU P.E. No. 57870 |  DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION 601 E. KENNEDY BLVD., TAMPA, FLORIDA 33602 P.O. BOX 110, TAMPA FLORIDA 33601 (813) 272-5912 | HILLSBOROUGH COUNTY ATMS PROGRAM | | | ITS PLAN CAUSEWAY BLVD AT US 41 | SHEET NO. IT-10 |
|-----------|----|-------------|---|--|----------------------------------|-----------|---------|------------------------------------|--------------------|
| DATE | BY | DESCRIPTION | | | ROADWAY | COUNTY | CIP NO. | | |
| | | | | CAUSEWAY | HILLSBOROUGH | 69602.615 | | | |



SIGNAL HEADS 1 THRU 8 REQUIRE TUNNEL VISORS AND SIGNAL HEADS 3, 4, 7, 8 AND BR REQUIRE BACK PLATES. PEDESTRIAN SIGNAL 1 THRU 8 SHALL BE ONE SECTION OR TWO LED COUNT-DOWN HEADS

SIGNAL HEAD DETAILS

CONTROLLER OPERATIONS:

- MAJOR STREET IS SR 45 (US 41) (MOVEMENT 2 AND 6), AND MINOR STREET IS SR 676 (CAUSEWAY BOULEVARD) (MOVEMENT 4 AND 8).
- SPECIAL SIGNAL OPERATION PLAN (SEE BELOW) WITH THE FOLLOWING:
 - (A) CONCURRENT/ACTUATED PEDESTRIANS FOR MOVEMENTS 2 (P2), 4 (P4), 6 (P6), AND 8 (P8).
- POWER SERVICE METER BASE AND DISCONNECT SHALL BE INSTALLED ON THE CONCRETE SERVICE POLE AS SHOWN ON THE PLANS AND PER INDEX NUMBERS 17504 AND 17736.
- TYPE "A" AND "F" LOOPS ARE 6'X20' AND SHALL BE INSTALLED 2' BEHIND THE STOP BAR. TYPE "B" LOOPS ARE 6'X6' AND SHALL BE INSTALLED 50' BEHIND THE STOP BAR.
- PROPOSED ROADWAY CROWN ELEVATION 8.90 FEET.
- EACH ROADWAY CROSSING IS PROVIDED WITH ONE SPARE RUN OF CONDUIT.
- FOR OVERHEAD STREET NAME SIGN DETAILS, SEE SHEET T-21.



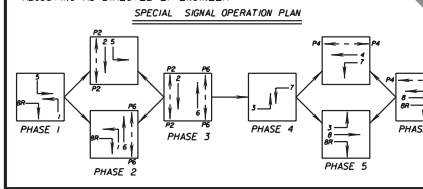
DETECTORS FOR LOOPS

| LOOP | NO. OF LOOPS | NO. OF NEW DETS. | CHANNEL NO. | DELAY TIME (SEC) |
|-------|--------------|------------------|-------------|------------------|
| L-1 | 2 | 2 | 1 | |
| L-2 | 3 | 3 | 1 | |
| L-3 | 2 | 2 | 1 | |
| L-4 | 2 | 2 | 1 | |
| L-4RD | 1 | 1 | 1 | 10 |
| L-5 | 1 | 1 | 1 | 5 |
| L-6 | 2 | 2 | 1 | |
| L-7 | 2 | 2 | 1 | |
| L-8 | 2 | 2 | 1 | |
| L-8RD | 2 | 2 | 1 | 10 |

DELAY TIME IS INITIAL AND MAY REQUIRE FIELD ADJUSTING AS DIRECTED BY ENGINEER.

CONTROLLER TIMINGS

| MOVEMENT NUMBER | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 10 |
|------------------|-----|-----|-----|-----|-----|-----|-----|-----|----|
| MINIMUM GREEN | 7 | 20 | 7 | 10 | 7 | 20 | 7 | 10 | |
| EXTENSION | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| MAXIMUM GREEN 1 | 30 | 50 | 15 | 30 | 30 | 50 | 15 | 30 | |
| MAXIMUM GREEN 2 | | | | | | | | | |
| YELLOW CLEARANCE | 3.5 | 4.3 | 3.5 | 4.3 | 3.5 | 4.3 | 3.5 | 4.3 | |
| ALL RED | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| PEDESTRIAN WALK | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| PED. CLEARANCE | 27 | 27 | 20 | 26 | 21 | | | | |
| RECALL | | | | | | | | | |



REVISIONS

| DATE | BY | DESCRIPTION | DATE | BY | DESCRIPTION |
|------|----|-------------|------|----|-------------|
| | | | | | |

SIGNALIZATION PLANS ENGINEER OF RECORD:
ROBERT W FULP, PE (144674)
GRAY-CALHOUN & ASSOCIATES, INC.
4350 W EXPRESS ST, SUITE 340
TAMPA, FL 33607
PHONE: (813) 831-8870
E.B. NO. 4266
WWW.GRAYCALHOUN.COM

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
|----------|--------------|----------------------|
| SR 676 | HILLSBOROUGH | 255599-1-52-01 |

SIGNALIZATION PLAN

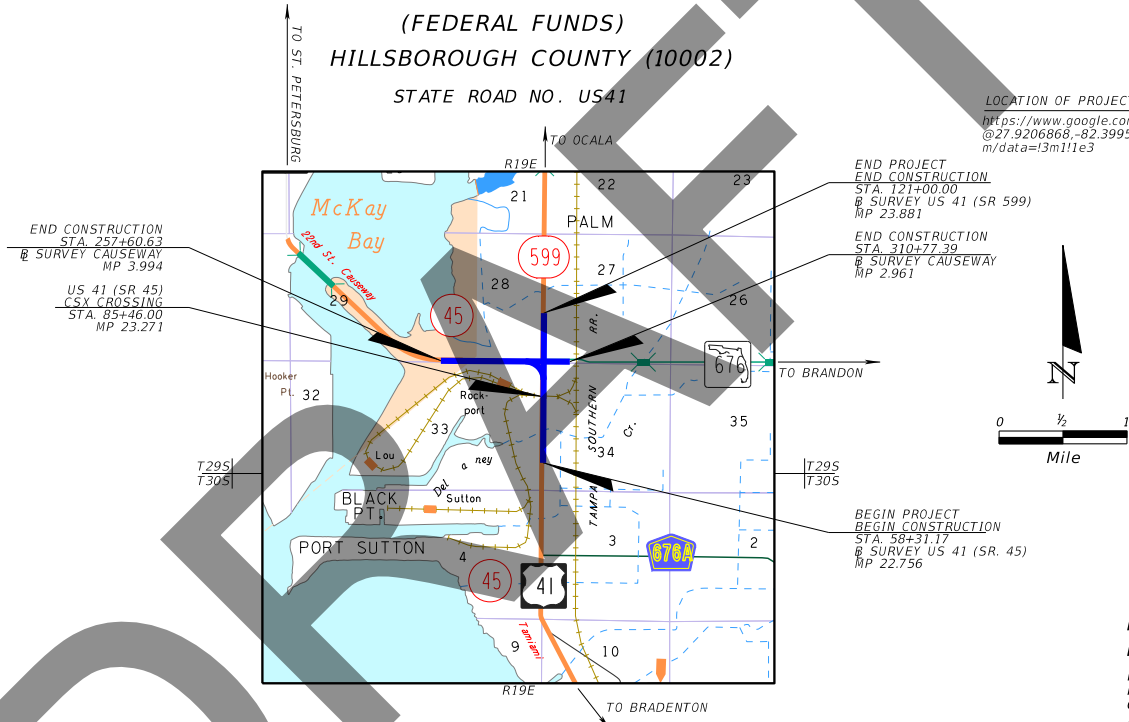
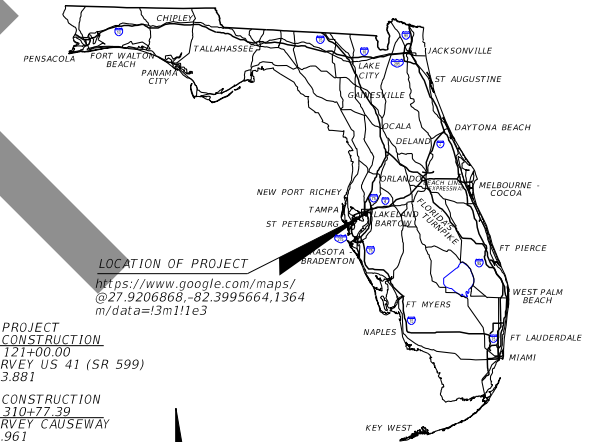
SHEET NO. T-5

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6805-23.003, F.A.C.

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 440749-1-52-01
(FEDERAL FUNDS)
HILLSBOROUGH COUNTY (10002)
STATE ROAD NO. US41



GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2021-22 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, July 2022 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

ROADWAY PLANS

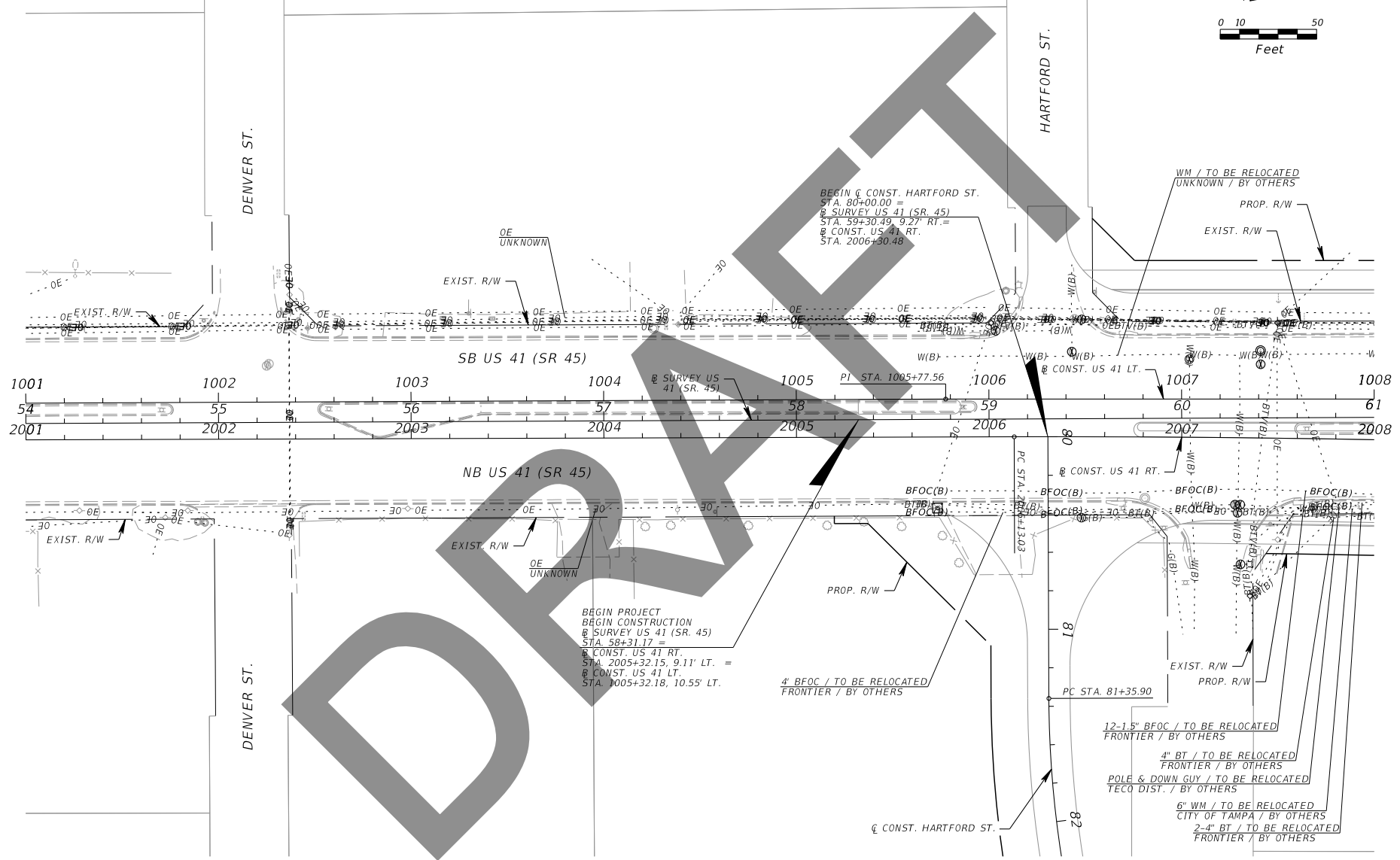
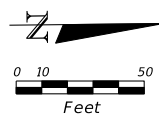
ENGINEER OF RECORD:

BRANAN R. ANDERSON, P.E. NO.: 78438
KISINGER CAMPO AND ASSOCIATES CORP.
CONSULTING ENGINEERS & PLANNERS
201 N. FRANKLIN STREET, SUITE 400
TAMPA, FLORIDA 33602
(813) 871-5331
VENDOR NUMBER: F59-1677145

FDOT PROJECT MANAGER:

TIM O'BRIEN P.E.

| CONSTRUCTION CONTRACT NO. | FISCAL YEAR | SHEET NO. |
|---------------------------|-------------|-----------|
| TBD | 21 | 1 |



| REVISIONS | |
|-----------|-------------|
| DATE | DESCRIPTION |
| | |
| | |

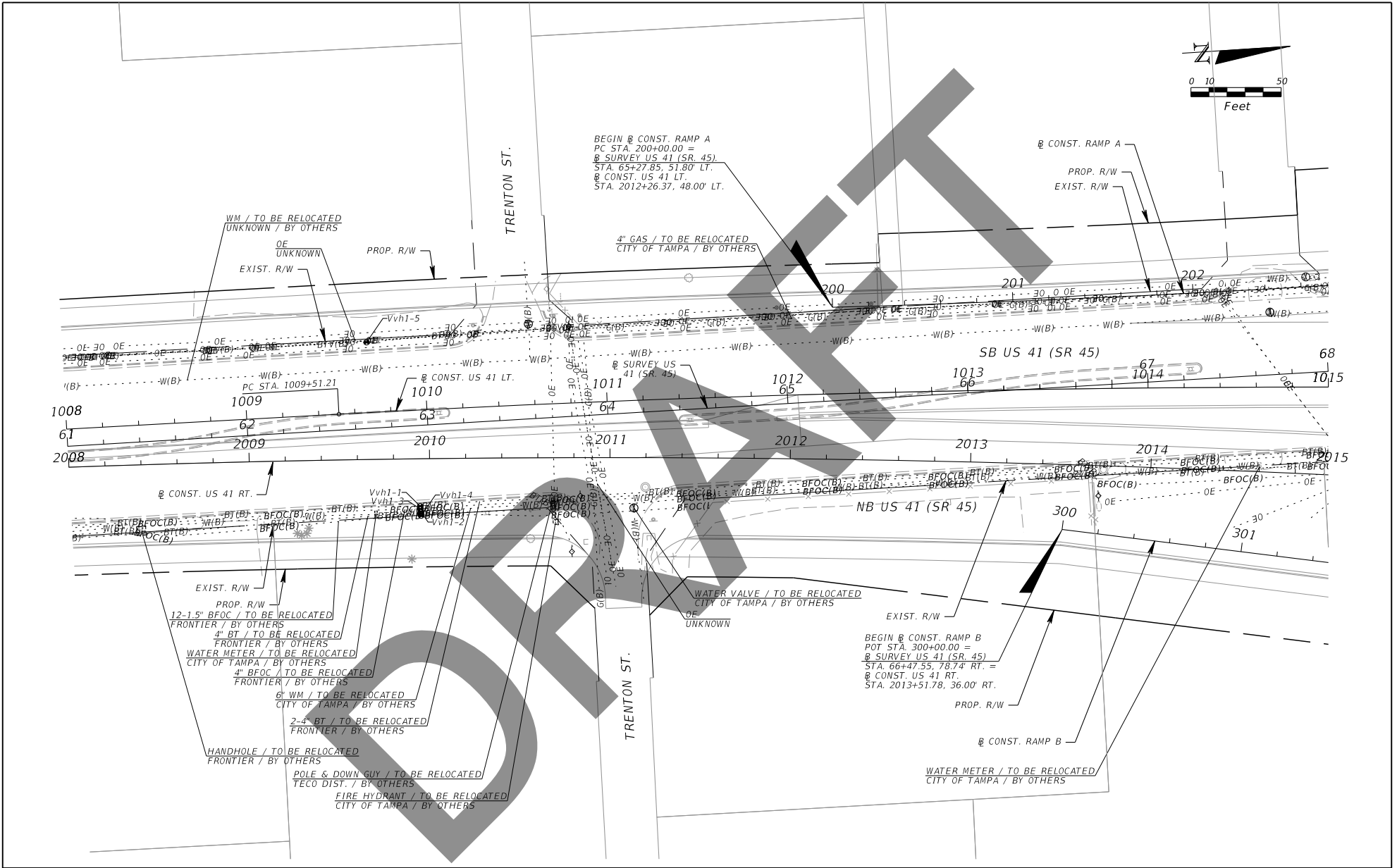
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (1)

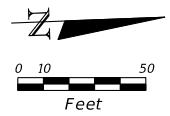
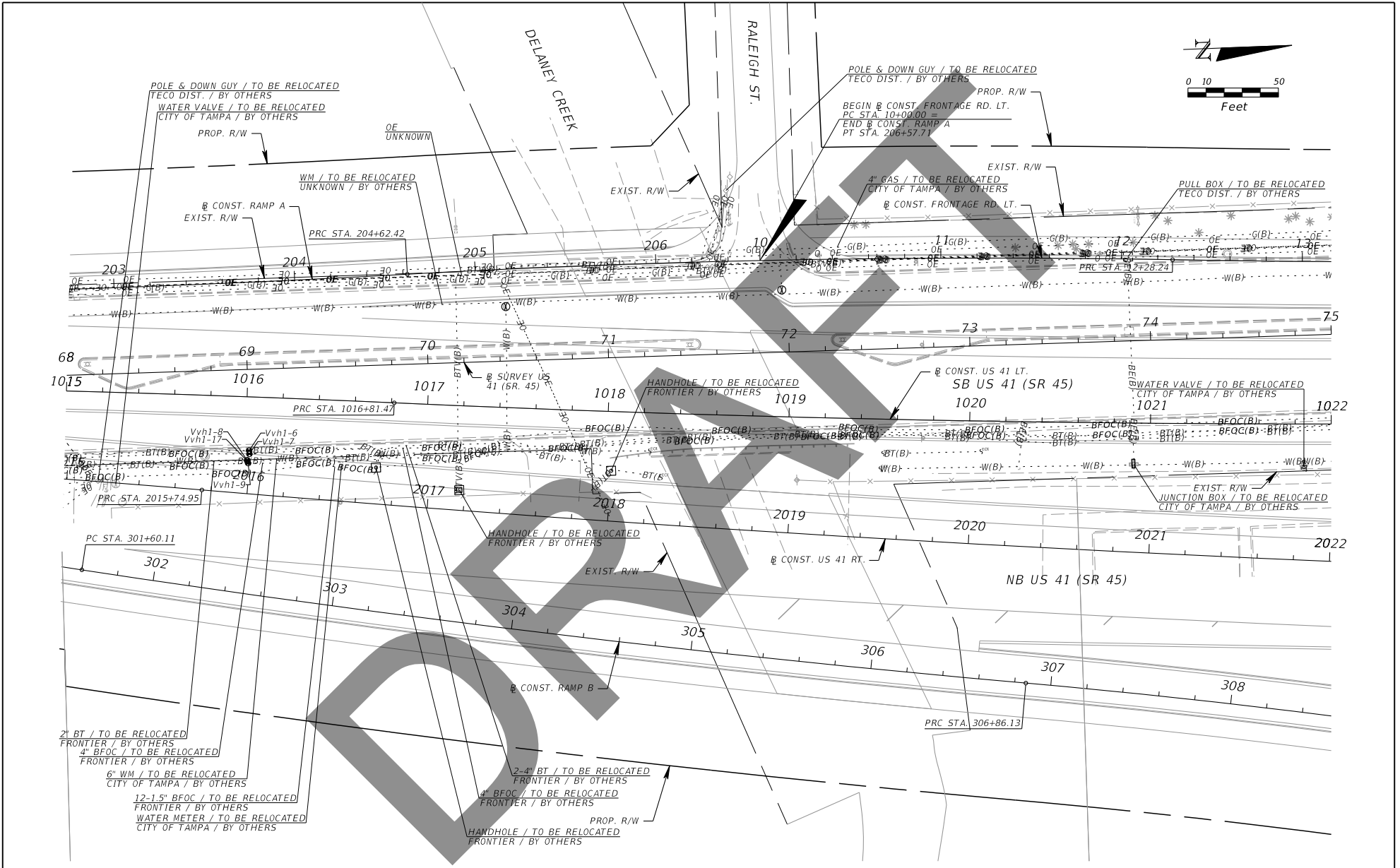
| SHEET NO. |
|-----------|
| |

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



| | | | | |
|---|------------------------|--|--------------------------------|--------------|
| Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | UTILITY ADJUSTMENTS (2) | SHEET NO. |
| ROAD NO. SR 45 | COUNTY HILLSBOROUGH | FINANCIAL PROJECT ID 440749-1-52-01 | | |

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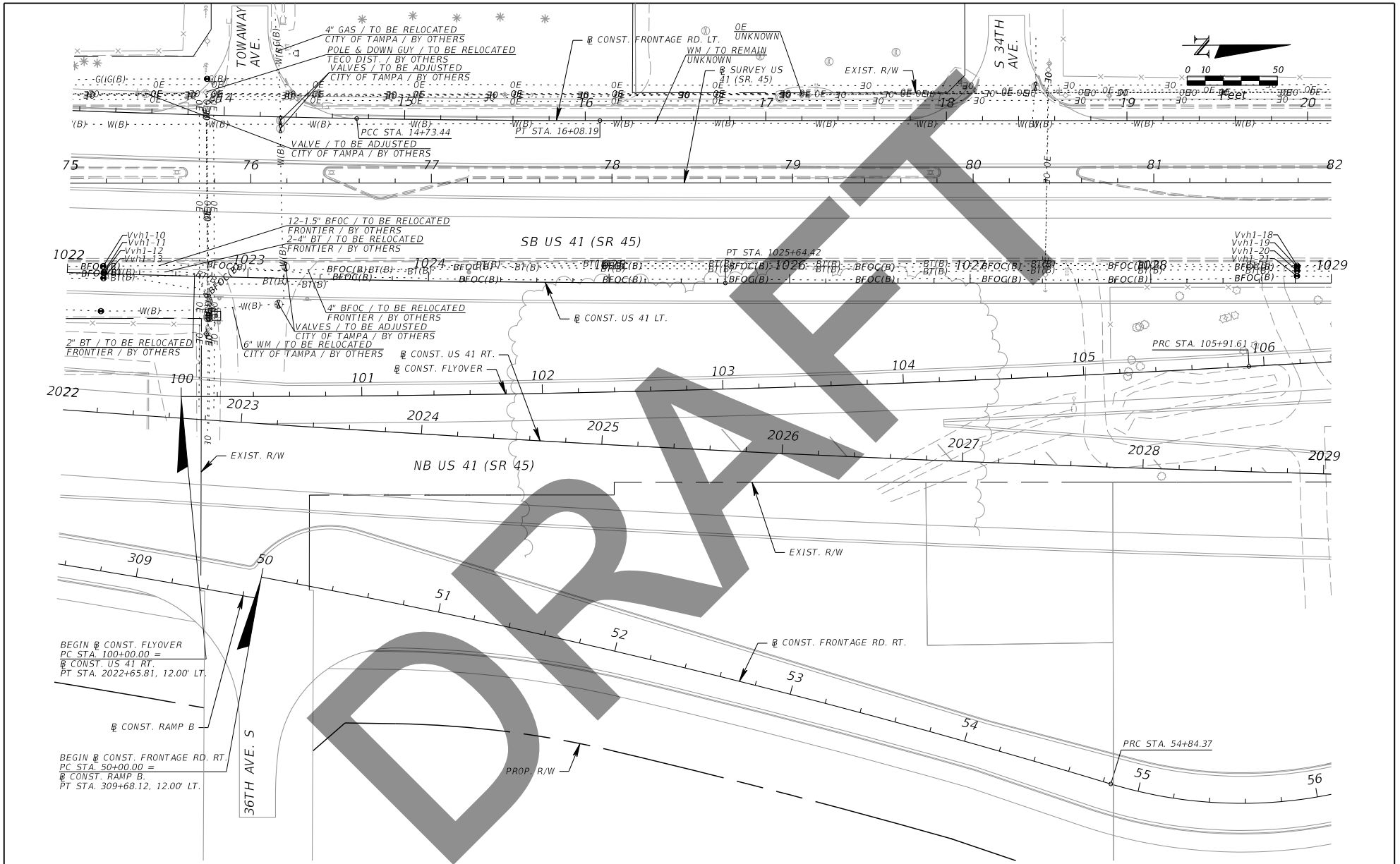
| REVISIONS | |
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| DATE | DESCRIPTION |
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Kisinger Campo & Associates Corp.
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Tampa, Florida 33602
Engineer of Record: Branan R. Anderson, PE
P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

| | |
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| UTILITY ADJUSTMENTS (3) | SHEET NO. |
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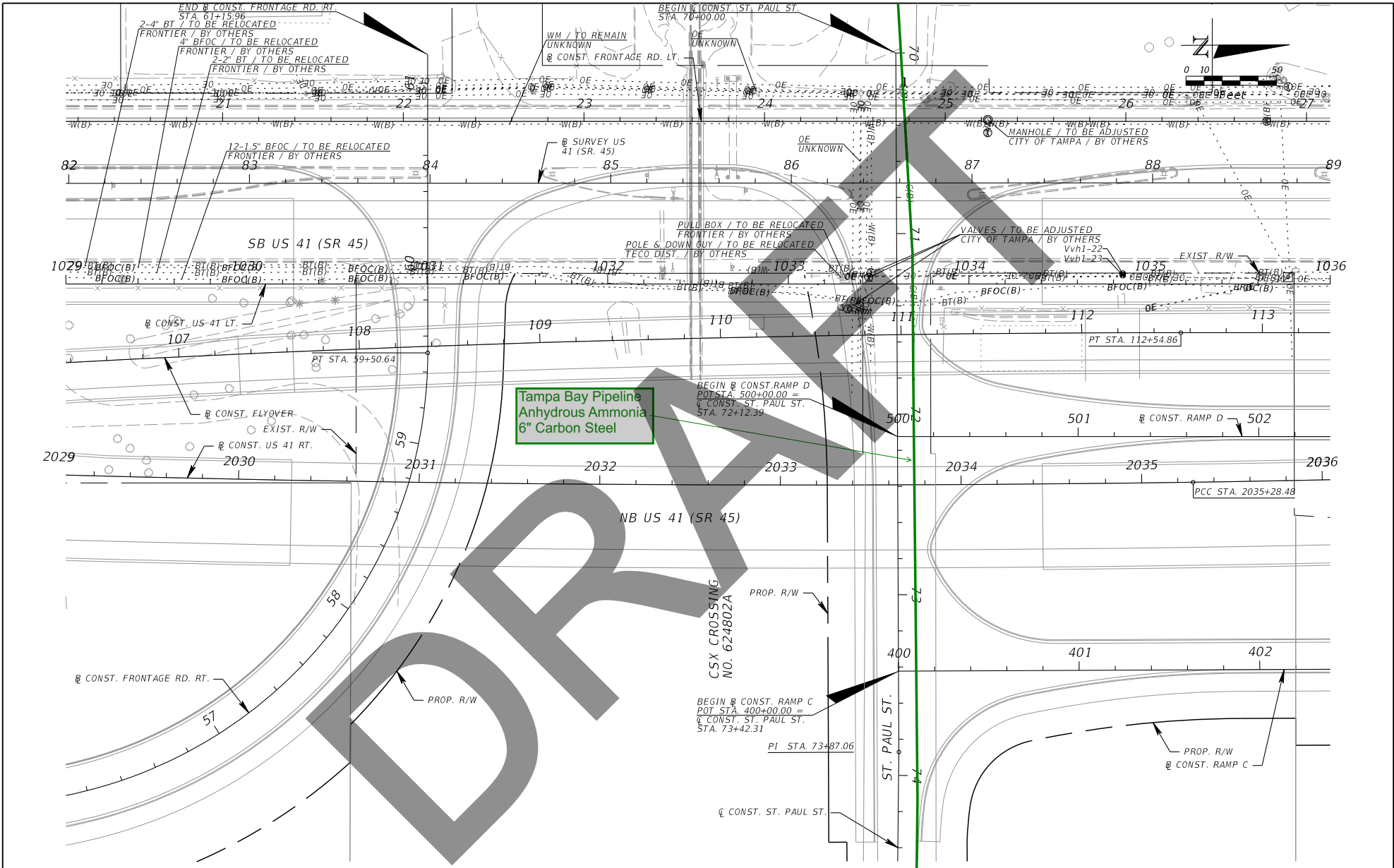
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 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (4)

SHEET NO.

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Tampa Bay Pipeline
Anhydrous Ammonia
6" Carbon Steel

DR

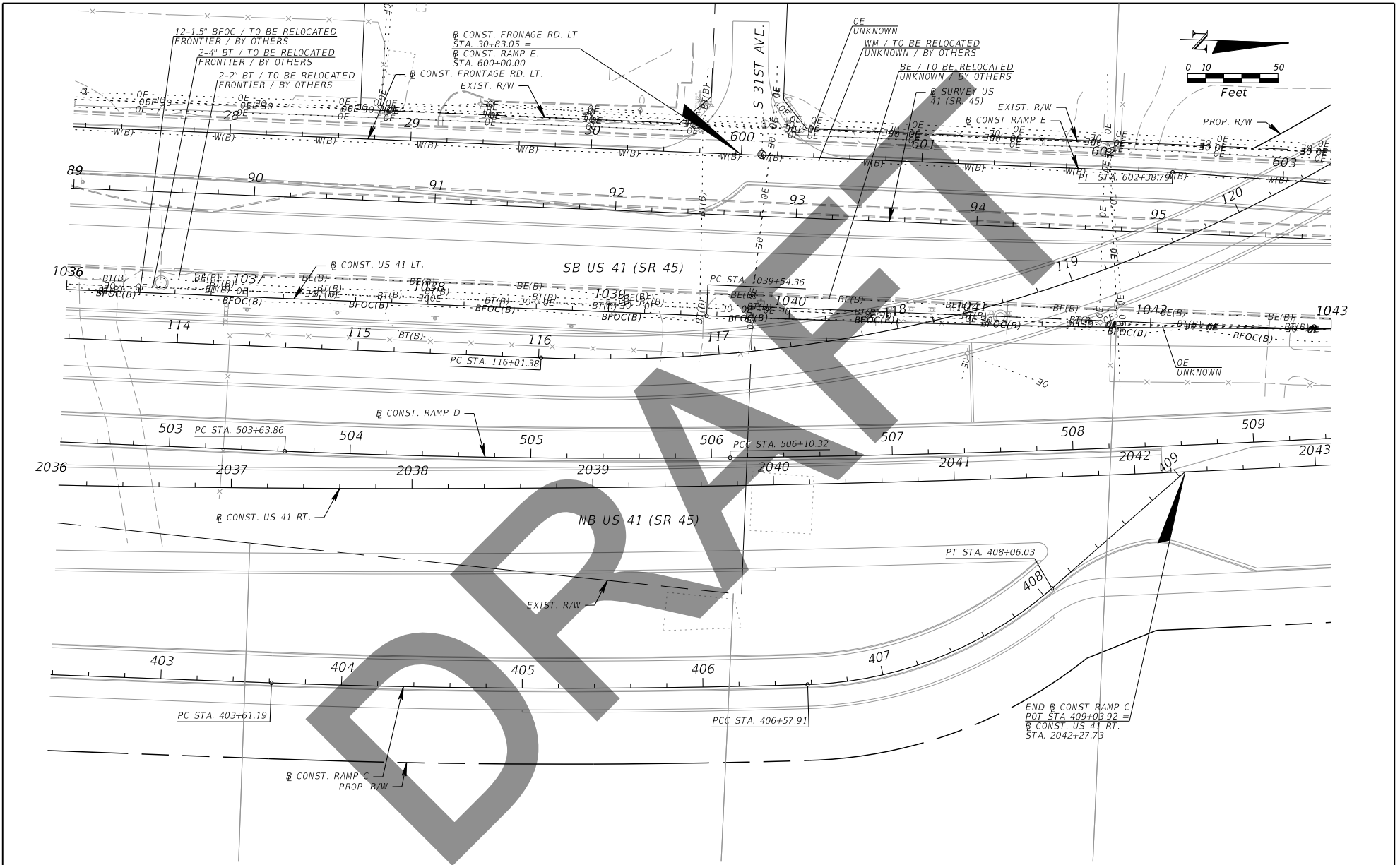
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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Tampa, Florida 33602
Engineer of Record: Branan R. Anderson, PE
P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

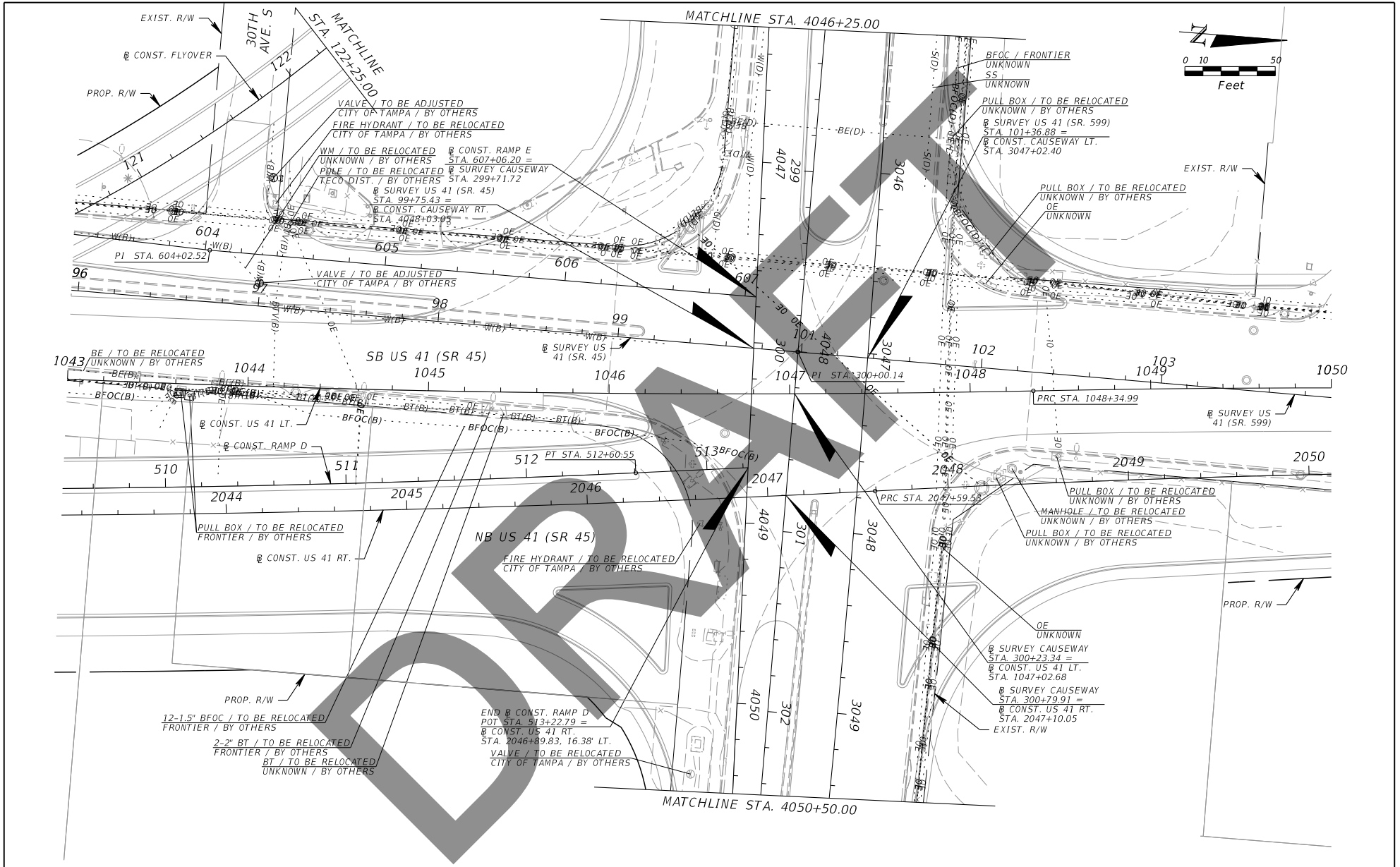
UTILITY ADJUSTMENTS (5)

| SHEET NO. |
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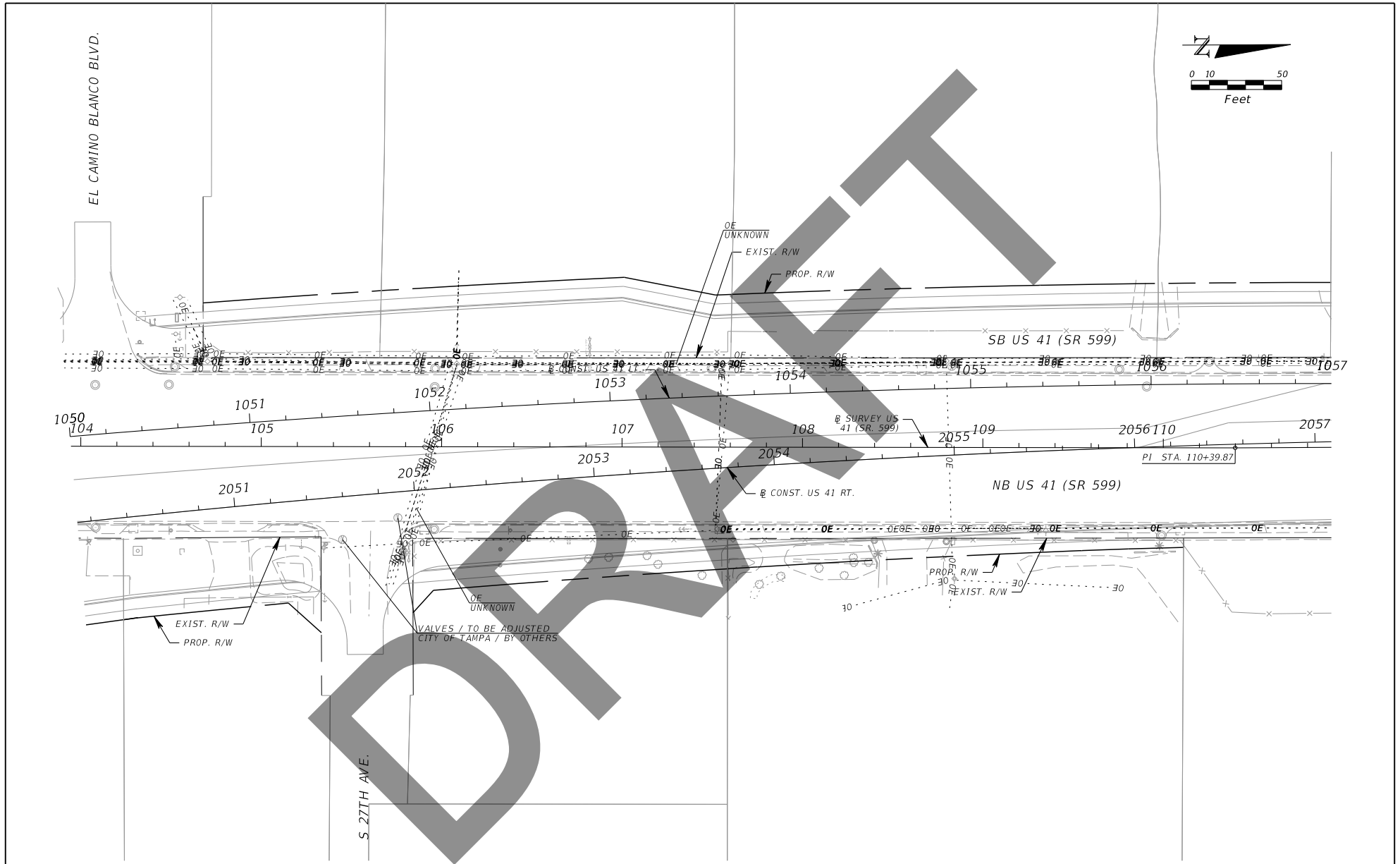
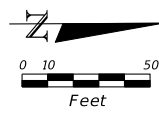
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| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (6) | SHEET NO. |
|-----------|-------------|------|-------------|---|--|--------------|----------------------|-------------------------|--------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |



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|-----------|-------------|------|-------------|---|--|--------------|----------------------|-------------------------|--------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |



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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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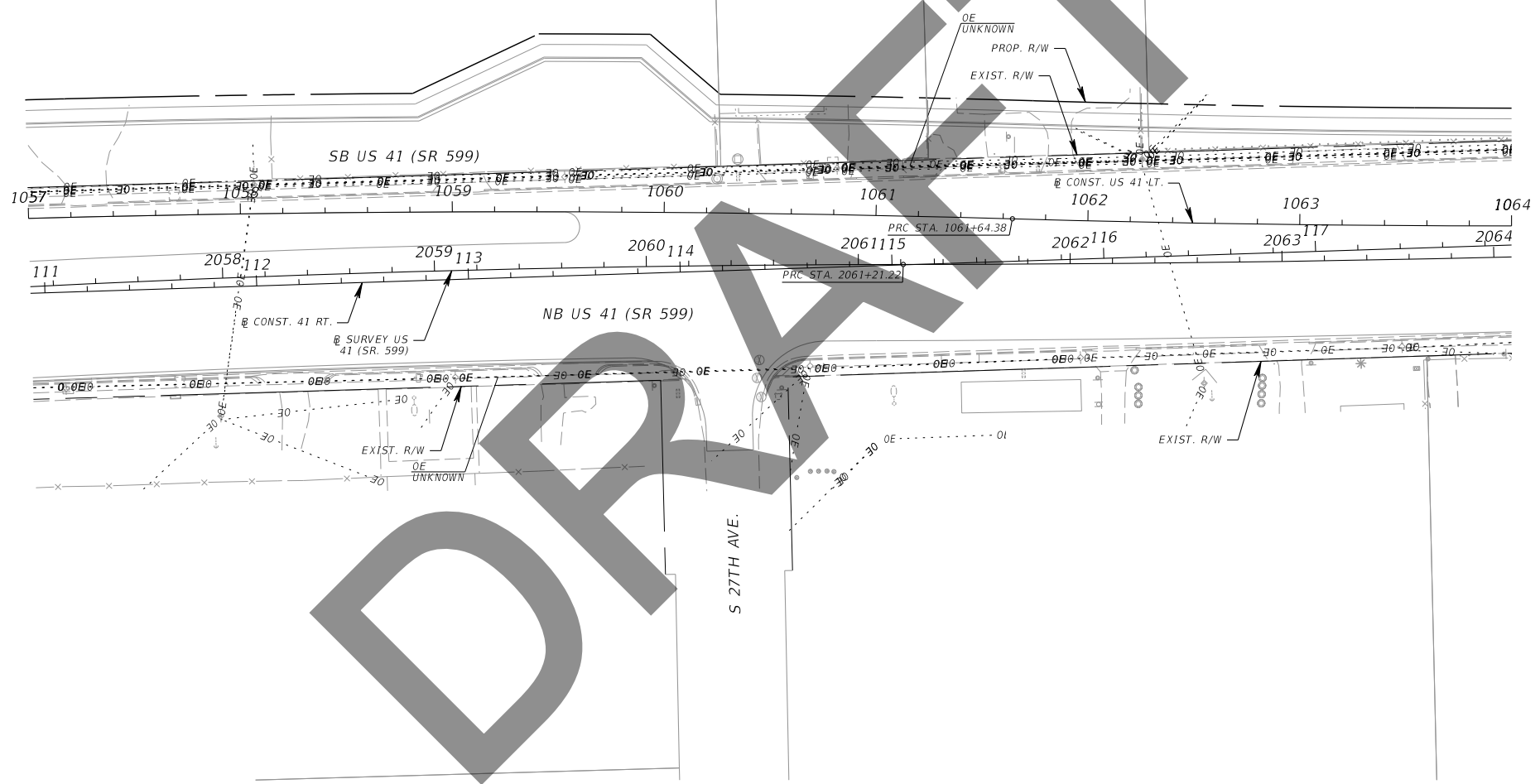
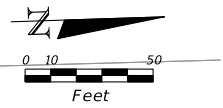
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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (8)

SHEET NO.

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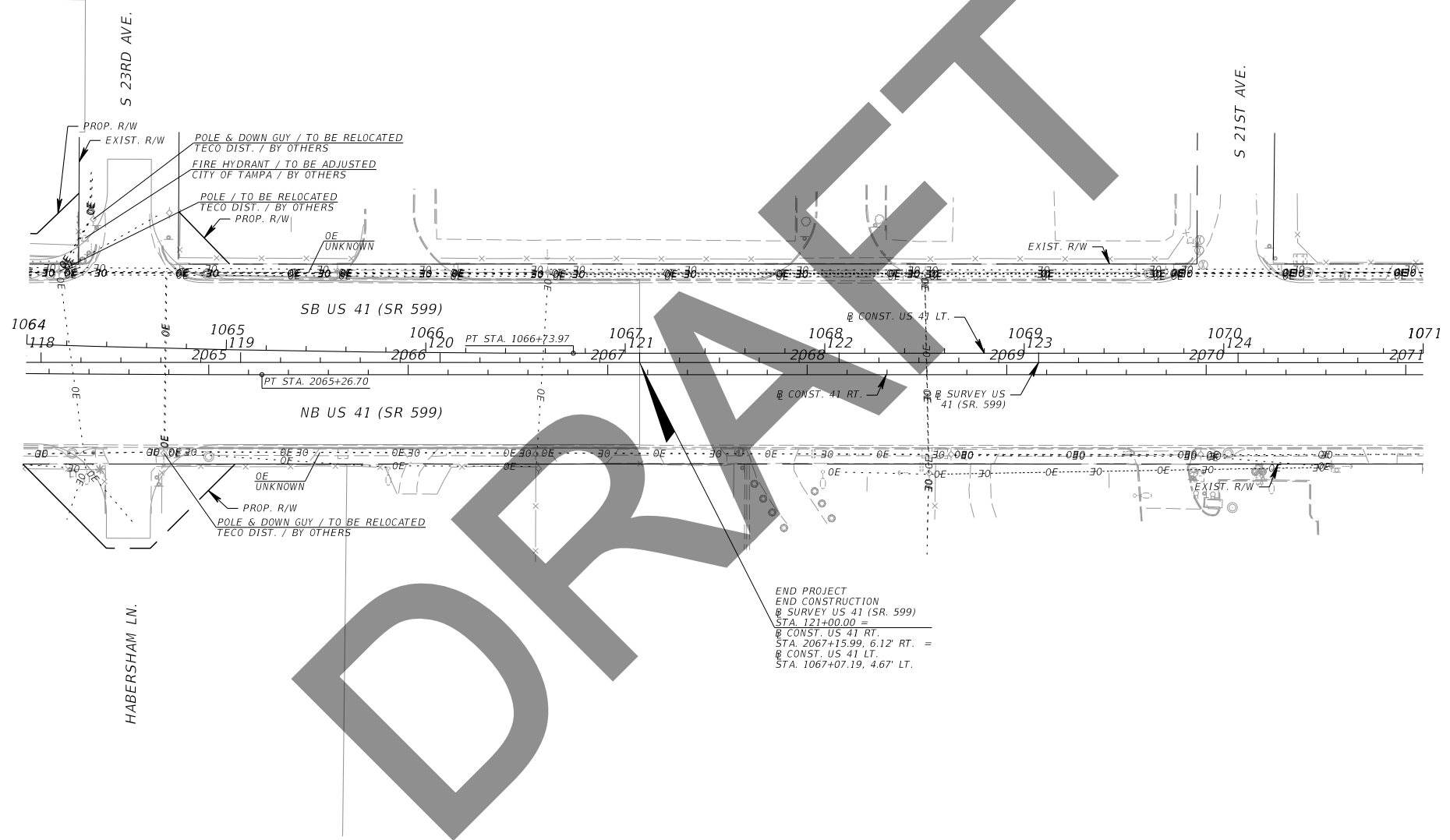
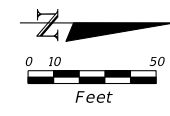
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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (9)

SHEET NO.

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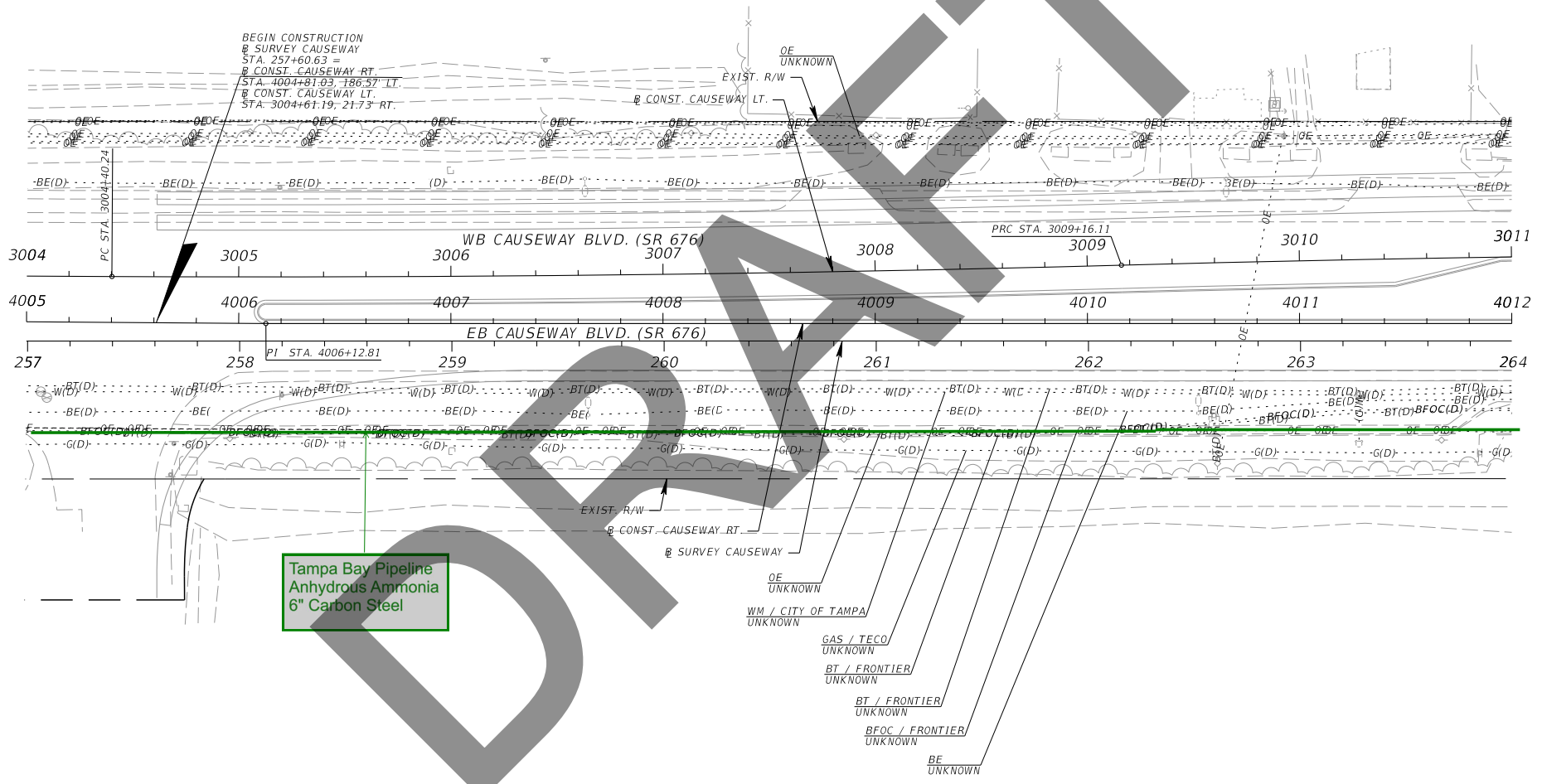
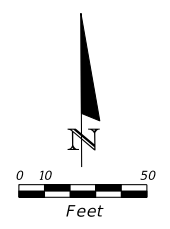
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (10)

SHEET NO.

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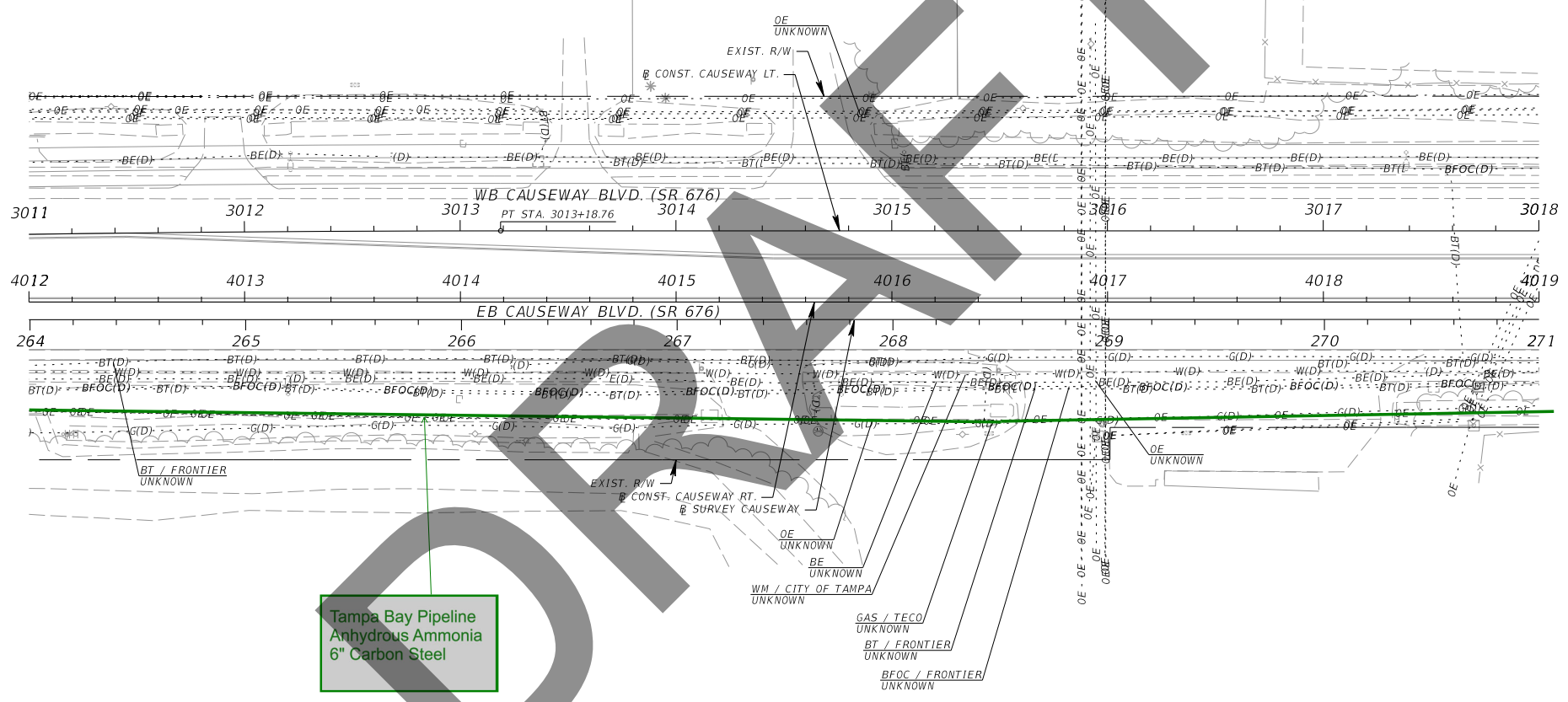
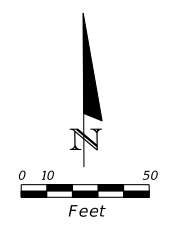
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 Engineer of Record: Branan R. Anderson, PE
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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (11)

SHEET NO.

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Tampa Bay Pipeline
Anhydrous Ammonia
6" Carbon Steel

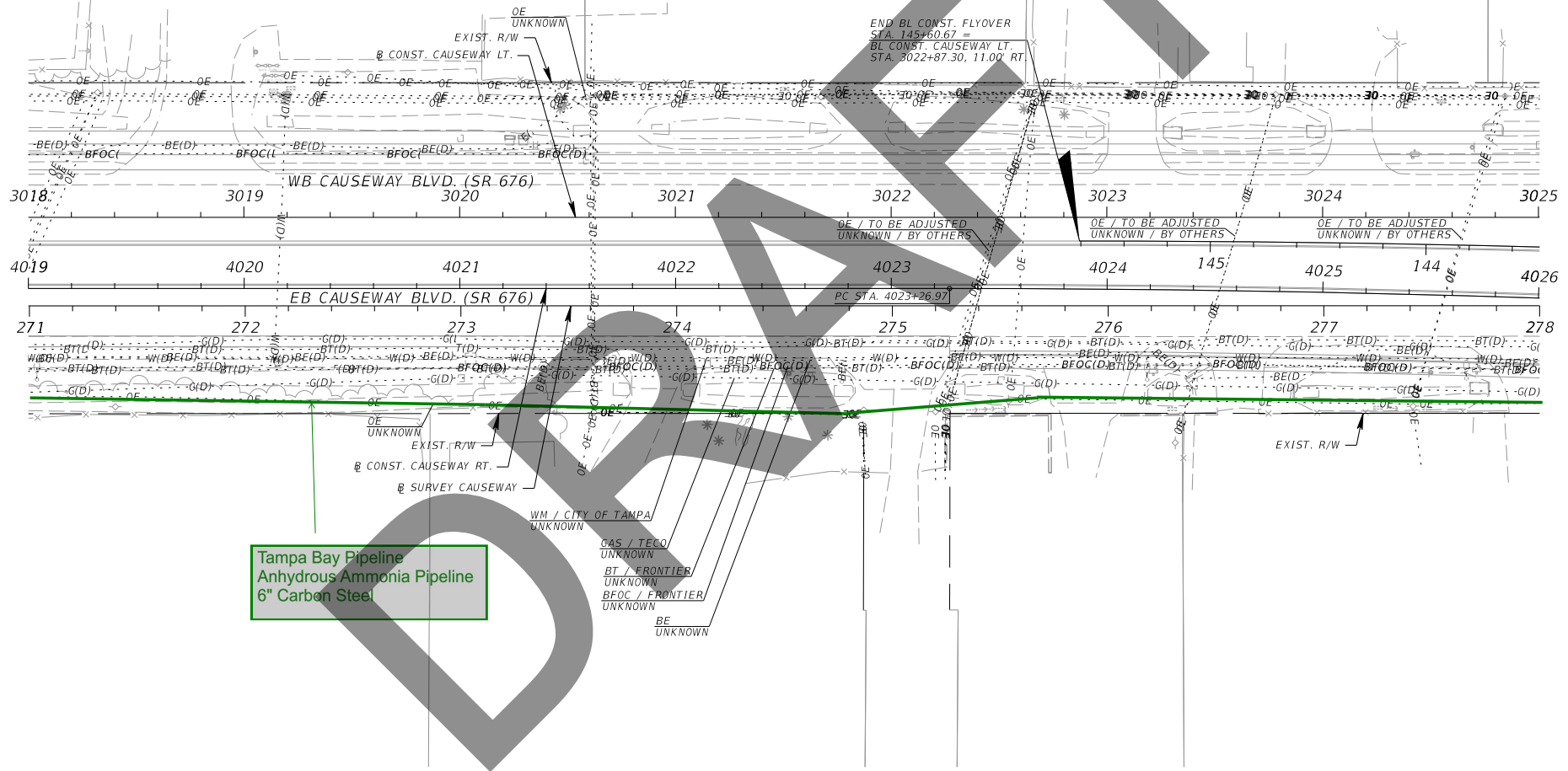
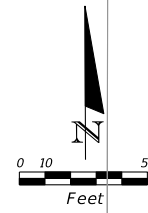
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (12)

SHEET NO.



Tampa Bay Pipeline
Anhydrous Ammonia Pipeline
6" Carbon Steel

| REVISIONS | | | |
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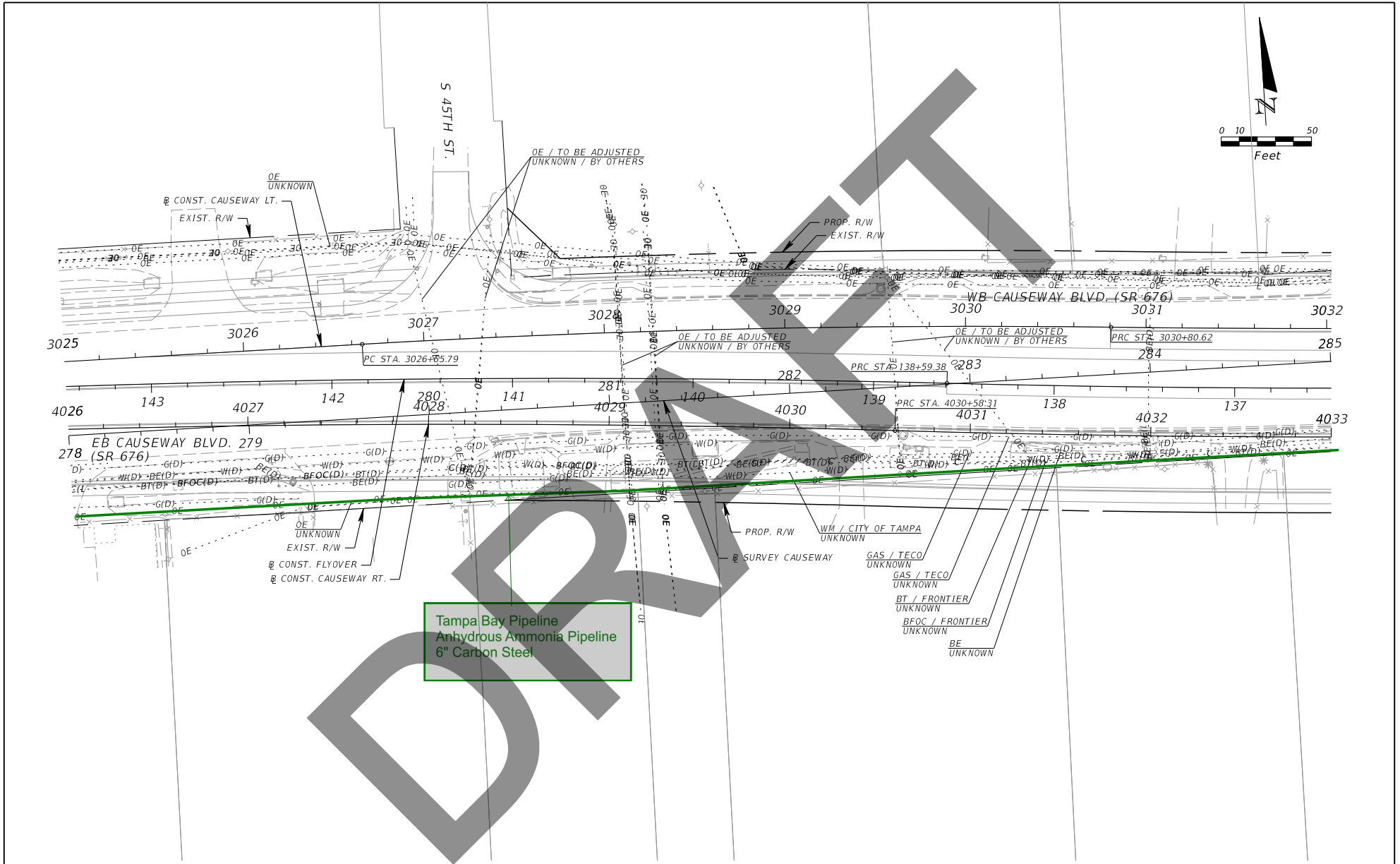
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UTILITY ADJUSTMENTS (13)

SHEET NO.

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Tampa Bay Pipeline
Anhydrous Ammonia Pipeline
6" Carbon Steel

| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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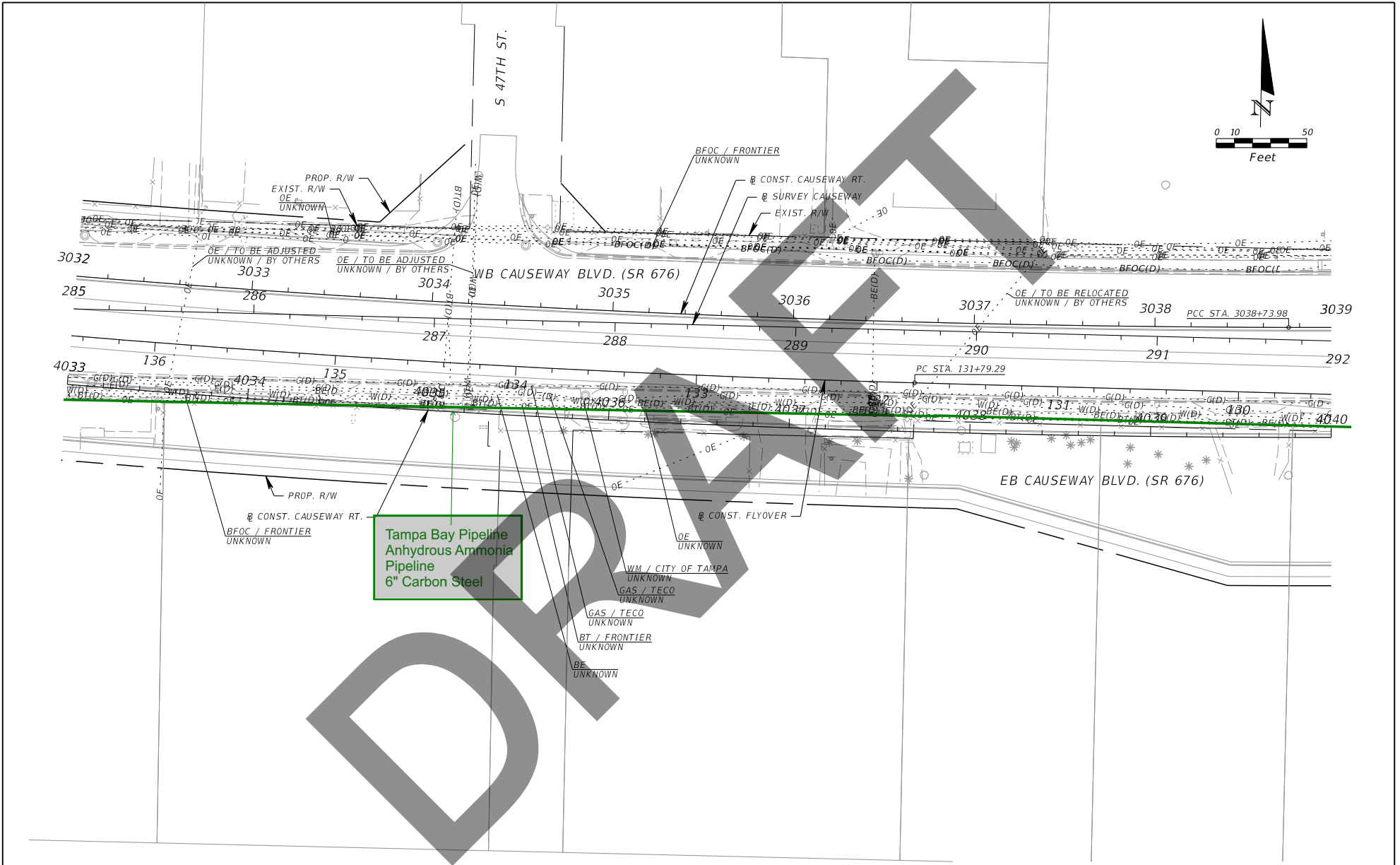
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (14)

SHEET NO.

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Tampa Bay Pipeline
Anhydrous Ammonia
Pipeline
6" Carbon Steel

| REVISIONS | | | |
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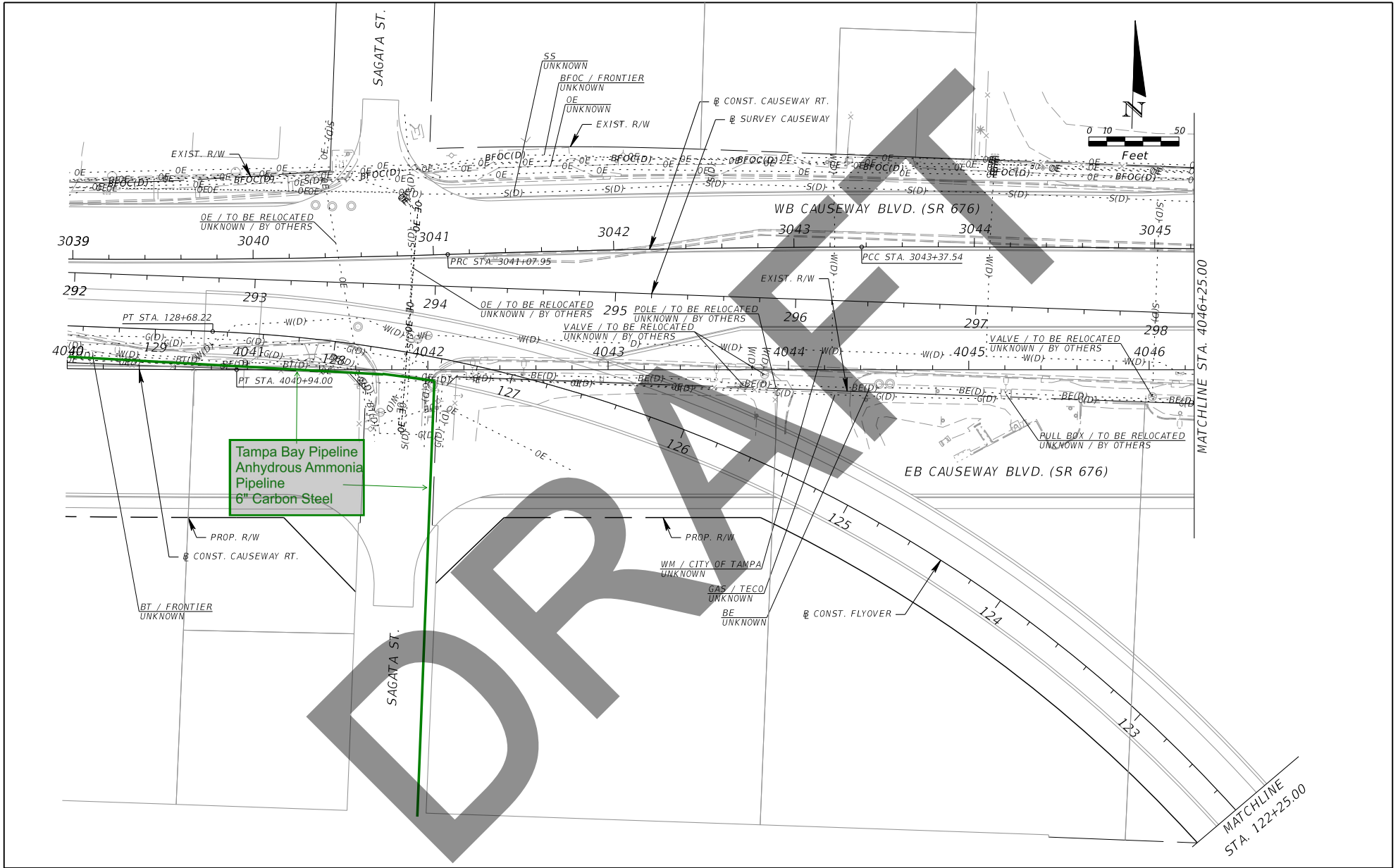
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (15)

SHEET NO.

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Tampa Bay Pipeline
Anhydrous Ammonia
Pipeline
6" Carbon Steel

| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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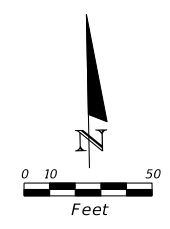
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (16)

| SHEET NO. |
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MATCHLINE STA. 4050+50.00

DRAFT

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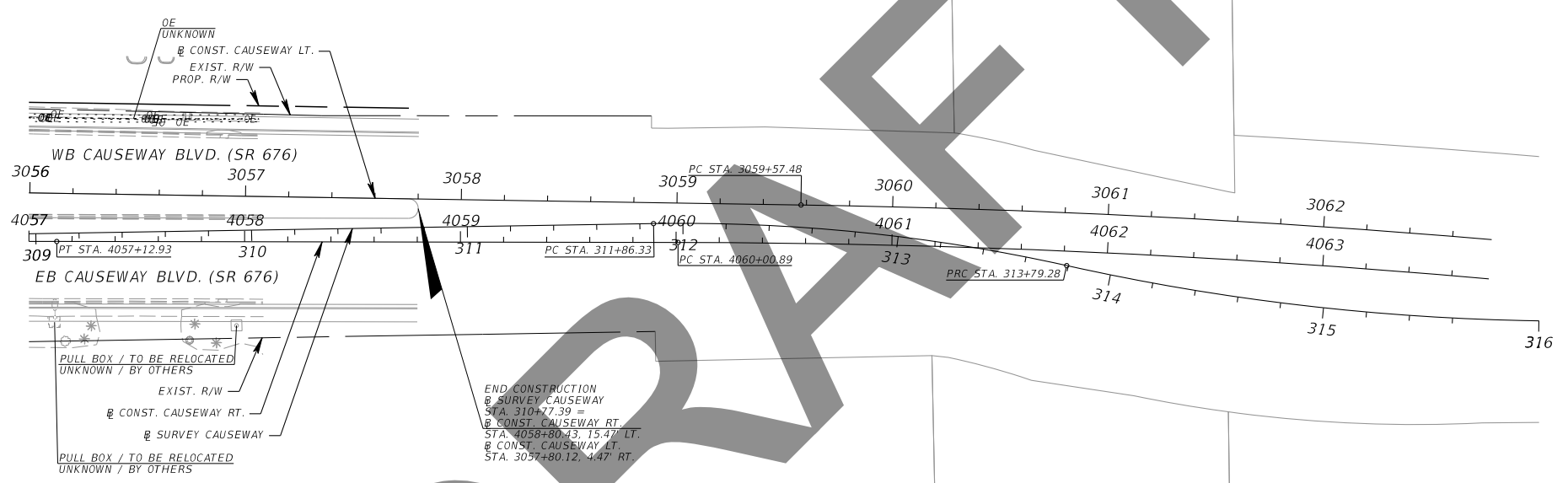
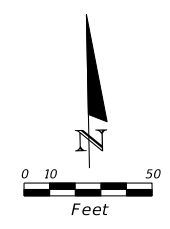
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (17)

SHEET NO.











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|-----------|-------------|------|-------------|---|--|--------------|----------------------|---------------------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

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|--|-----------------------|---|---|--|---|---|-------------------------|---|---------------------------|---------------------------------------|--|--------------------------------------|-----------------------------|-------------------------|--------------------------------|---------------------|---------------------|
| Date: | 12/04/2018 | Test Hole Data Report | | | | | | Crew Members: DW, TG | | | | | | | | | |
| ECHO Project #: | 18-252 | 16514 N. Dale Mabry Hwy. Tampa, Florida 33618 | |  UTILITY ENGINEERING & SURVEY | | ECHO UES, Inc. www.echoues.com 888.778.ECHO | | City, State: Tampa, Florida | | | | | | | | | |
| Financial Project #: | N/A | 1511 E. SR434, Ste. 2001, #252 Winter Springs, Florida 32708 | | | | | | General Location: US 41 | | | | | | | | | |
| Truck No.: | D-3/T-2 | | | | | | | Coordinate Unit of Measure: US Survey Feet | | | | | | | | | |
| Utility Type | | | Utility Material | | | Identified By: | | | Abbreviations | | Offset Measured From: | | | | | | |
| BE = Buried Electrical | RW = Reclaimed Water | AC = Transite | FIBG = Fiberglass | HUB = Survey Hub | N/A = Not Applicable | EP= Edge of Pavement | GM = Gas Main | SL = Street Light | CI= Cast Iron | HDPE = High Density Polyethylene Pipe | IRC = Iron Rod & Cap "ECHO TEST HOLE" | NAD = North American Datum | BC = Back of Curb | | | | |
| BT = Buried Telephone | TS = Traffic Signal | CP = Concrete Pipe | PE = Polyethylene Pipe | NL = Nail & Disk "ECHO TEST HOLE" | NAV = North American Datum | BL = Baseline of Survey | FOC = Fiber Optic Cable | FL = Fuel Line | DBC = Direct Buried Cable | PVC = Polyvinyl Chloride | SLEEVE = Sleeve | NAVD = North American Vertical Datum | COORD = Survey Coordinates | | | | |
| WM = Water Main | GS = Gas Service | CMP = Corrugated Metal Pipe | STL = Steel | X = "X" in Concrete | UNK = Unknown | HUB = Survey Hub | SAN = Sanitary Sewer | WS = Water Service | CONC = Concrete | Surface Type | | | UNK = Unknown | | | | |
| STM = Storm Sewer | UNK = Unknown Utility | CPP = Corrugated Plastic Pipe | PCCP = Prestressed Cylinder Concrete Pipe | ASPH = Asphalt | COT = City of Tampa | RW = Right of Way | CATV = Cable Television | BED = Buried Electrical Duct | DCT = Duct | CONC = Concrete | ST = Swing Ties | FM = Force Main | BTD = Buried Telephone Duct | DIP = Ductile Iron Pipe | RCP = Reinforced Concrete Pipe | NG = Natural Ground | X = "X" in Concrete |
| Test Hole | Utility Type | Utility Material | Utility Size Outside Diameter inches | Utility Manual Depth feet | Cross Sectional View | Utility Direction | Identified By | Surface Type | Surface Thickness inches | Apparent Utility Owner | Datums: | | Ground Elevation | Utility Elevation | | | |
| | | | | | | | | | | | Horizontal: NAD83/11 | Vertical: NAVD88 | | | | | |
| | | | | | | | | | | | Northing | Easting | | | | | |
| 1-1 | BT | PVC | 2 - 4" | 3.26' |  | ↑ | IRC | NG | N/A | FRONTIER | 1301204.90' | 526413.67' | 7.51' | 4.25' | | | |
| 1-2 | WM | CI | 6" | 3.30' |  | ↑ | IRC | NG | N/A | COT | 1301205.19' | 526416.74' | 7.48' | 4.18' | | | |
| 1-3 | FOC/BT | PVC | 4" | 2.47' |  | ↑ | IRC | NG | N/A | FRONTIER | 1301204.95' | 526415.25' | 7.48' | 5.01' | | | |
| 1-4 | FOC | PE | 12 - 1.5" | 8.80' |  | ↑ | IRC | NG | N/A | FRONTIER | 1301205.12' | 526418.96' | 7.36' | -1.44' | | | |
| 1-5 | CATV | PVC | 2 - 2" | 5.54' |  | ↑ | IRC | NG | N/A | SPECTRUM | 1301181.11' | 526321.06' | 6.85' | 1.31' | | | |
| 1-6 | BT | PVC | 2 - 4" | 3.44' |  | ↑ | IRC | NG | N/A | FRONTIER | 1301811.38' | 526417.02' | 6.84' | 3.40' | | | |
| 1-7 | FOC/BT | PVC | 4" | 2.42' |  | ↑ | IRC | NG | N/A | FRONTIER | 1301811.47' | 526418.97' | 6.84' | 4.42' | | | |
| 1-8 | WM | UNK | UNK | 10.06' |  | ↑ | IRC | NG | N/A | COT | 1301810.12' | 526422.34' | 6.83' | -3.23' | | | |
| 1-9 | FOC/BT | PVC | 4" | 3.34' |  | ↑ | IRC | NG | N/A | FRONTIER | 1301810.56' | 526424.00' | 6.49' | 3.15' | | | |
| Notes: 1-8 - Unable to visually verify size and material due to depth and groundwater. Possible 6" cast iron. | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | Prepared by: EE Date: 02/12/2019 | | | | | | |
| | | | | | | | | | | | Checked by: AB Date: 02/12/2019 | | | | | | |










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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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Kisinger Campo & Associates Corp.
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record: Branan R. Anderson, PE
P.E. No.: 78438

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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (19)

SHEET NO.

| Date: 12/05/2018 | | Test Hole Data Report | | | | | | Crew Members: DW, TG | | | | | | |
|---------------------------------|------------------------------|---|---|---|---|---|---------------|---|--------------------------|------------------------|-----------------------|------------------|------------------|-------------------|
| ECHO Project #: 18-252 | | 16514 N. Dale Mabry Hwy. Tampa, Florida 33618 | |  ECHO UTILITY ENGINEERING & SURVEY | | ECHO UES, Inc. www.echoues.com 888.778.ECHO | | City, State: Tampa, Florida | | | | | | |
| Financial Project #: N/A | | 1511 E. SR434, Ste. 2001, #252 Winter Springs, Florida 32708 | | | | | | General Location: US 41 | | | | | | |
| Truck No.: D-3/T-2 | | | | | | | | Coordinate Unit of Measure: US Survey Feet | | | | | | |
| Utility Type | | | Utility Material | | | Identified By: | | | Abbreviations | | Offset Measured From: | | | |
| BE = Buried Electrical | RW = Reclaimed Water | AC = Transite | FIBG = Fiberglass | HUB = Survey Hub | N/A = Not Applicable | EP = Edge of Pavement | | | | | | | | |
| GM = Gas Main | SL = Street Light | CI = Cast Iron | HDPE = High Density Polyethylene Pipe | IRC = Iron Rod & Cap "ECHO TEST HOLE" | NAD = North American Datum | BC = Back of Curb | | | | | | | | |
| BT = Buried Telephone | TS = Traffic Signal | CP = Concrete Pipe | PE = Polyethylene Pipe | NL = Nail & Disk "ECHO TEST HOLE" | NAV = North American Datum | BL = Baseline of Survey | | | | | | | | |
| FOC = Fiber Optic Cable | FL = Fuel Line | DBC = Direct Buried Cable | PVC = Polyvinyl Chloride | SLEEVE = Sleeve | NAVD = North American Vertical Datum | COORD = Survey Coordinates | | | | | | | | |
| WM = Water Main | GS = Gas Service | CMP = Corrugated Metal Pipe | STL = Steel | X = "X" in Concrete | UNK = Unknown | HUB = Survey Hub | | | | | | | | |
| SAN = Sanitary Sewer | WS = Water Service | CONC = Concrete | VCP = Vitrified Clay Pipe | Surface Type | | | | | | | | | | |
| STM = Storm Sewer | UNK = Unknown Utility | CPP = Corrugated Plastic Pipe | PCCP = Prestressed Cylinder Concrete Pipe | ASPH = Asphalt | COT = City of Tampa | RW = Right of Way | | | | | | | | |
| CATV = Cable Television | BED = Buried Electrical Duct | DCT = Duct | Pipe | CONC = Concrete | | ST = Swing Ties | | | | | | | | |
| FM = Force Main | BTD = Buried Telephone Duct | DIP = Ductile Iron Pipe | RCP = Reinforced Concrete Pipe | NG = Natural Ground | | X = "X" in Concrete | | | | | | | | |
| Test Hole | Utility Type | Utility Material | Utility Size Outside Diameter inches | Utility Manual Depth feet | Cross Sectional View | Utility Direction | Identified By | Surface Type | Surface Thickness inches | Apparent Utility Owner | Datums: | | Ground Elevation | Utility Elevation |
| | | | | | | | | | | | Horizontal: NAD83/11 | Vertical: NAVD88 | | |
| | | | | | | | | | | | Northing | Easting | | |
| 1-10 | FOC | PE | 12 - 1.5" | 3.96' |  | ↑ | IRC | NG | N/A | FRONTIER | 1302430.03' | 526421.52' | 6.62' | 2.66' |
| 1-11 | BT | PVC | 2 - 4" | 2.50' |  | ↑ | IRC | NG | N/A | FRONTIER | 1302430.50' | 526424.77' | 6.68' | 4.18' |
| 1-12 | FOC/BT | PVC | 4" | 1.90' |  | ↑ | IRC | NG | N/A | FRONTIER | 1302430.47' | 526425.15' | 6.69' | 4.79' |
| 1-13 | BT | DBC | 2" | 1.56' |  | ↑ | IRC | NG | N/A | FRONTIER | 1302430.15' | 526428.11' | 6.81' | 5.25' |
| 1-14 | WM | DIP | 6" | 3.40' |  | ↑ | IRC | NG | N/A | COT | 1302428.62' | 526446.38' | 8.20' | 4.80' |
| 1-15 | GM | STL | 4" | 3.00' |  | ↑ | IRC | NG | N/A | COT | 1302488.18' | 526318.06' | 6.08' | 3.08' |
| 1-16 | BT | PVC | 4" | 3.50' |  | ↑ | IRC | NG | N/A | FRONTIER | 1301205.22' | 526417.96' | 7.50' | 4.00' |
| 1-17 | BT | DBC | 2" | 3.00' |  | ↑ | IRC | NG | N/A | FRONTIER | 1301810.09' | 526422.72' | 6.80' | 3.80' |
| Notes: | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | Prepared by: EE | | Date: 02/12/2019 |
| | | | | | | | | | | | | Checked by: AB | | Date: 02/12/2019 |









| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

Ksinger Campo & Associates Corp.
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record: Branan R. Anderson, PE
P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (20)

SHEET NO.

| | | | | | | | | | | | | | | |
|---|------------------------------|---|---|---------------------------|---|--|--------------------------------------|---|----------------------------|------------------------------------|------------------------|------------------|-------------------------|-------------------|
| Date: | 12/06/2018 | Test Hole Data Report | | | | | | Crew Members: | | DW, TG, MAJ | | | | |
| ECHO Project #: | 18-252 | 16514 N. Dale Mabry Hwy. Tampa, Florida 33618 | | | |  | | ECHO UES, Inc. www.echoues.com 888.778.ECHO | | City, State: Tampa, Florida | | | | |
| Financial Project #: | N/A | 1511 E. SR434, Ste. 2001, #252 Winter Springs, Florida 32708 | | | | UTILITY ENGINEERING & SURVEY | | -GROW. INSPIRE. MAKE A DIFFERENCE- | | General Location: US 41 | | | | |
| Truck No.: | D-3/T-2 | Coordinate Unit of Measure: US Survey Feet | | | | | | | | | | | | |
| Utility Type | | Utility Material | | | | Identified By: | | Abbreviations | | Offset Measured From: | | | | |
| BE = Buried Electrical | RW = Reclaimed Water | AC = Transite | FIBG = Fiberglass | | HUB = Survey Hub | | N/A = Not Applicable | | EP= Edge of Pavement | | | | | |
| GM = Gas Main | SL = Street Light | CI= Cast Iron | HDPE = High Density Polyethylene Pipe | | IRC = Iron Rod & Cap "ECHO TEST HOLE" | | NAD = North American Datum | | BC = Back of Curb | | | | | |
| BT = Buried Telephone | TS = Traffic Signal | CP = Concrete Pipe | PE = Polyethylene Pipe | | NL = Nail & Disk "ECHO TEST HOLE" | | NAVD = North American Vertical Datum | | BL = Baseline of Survey | | | | | |
| FOC = Fiber Optic Cable | FL = Fuel Line | DBC = Direct Buried Cable | PVC = Polyvinyl Chloride | | SLEEVE = Sleeve | | CONC = Concrete | | COORD = Survey Coordinates | | | | | |
| WM = Water Main | GS = Gas Service | CMP = Corrugated Metal Pipe | STL = Steel | | X = "X" in Concrete | | UNK = Unknown | | CL = Centerline | | | | | |
| SAN = Sanitary Sewer | WS = Water Service | CONC = Concrete | VCP = Vitrified Clay Pipe | | Surface Type | | COT = City of Tampa | | HUB = Survey Hub | | | | | |
| STM = Storm Sewer | UNK = Unknown Utility | CPP = Corrugated Plastic Pipe | PCCP = Prestressed Cylinder Concrete Pipe | | ASPH = Asphalt | | RW = Right of Way | | ST = Swing Ties | | | | | |
| CATV = Cable Television | BED = Buried Electrical Duct | DCT = Duct | Pipe | | CONC = Concrete | | X = "X" in Concrete | | | | | | | |
| FM = Force Main | BTD = Buried Telephone Duct | DIP = Ductile Iron Pipe | RCP = Reinforced Concrete Pipe | | NG = Natural Ground | | | | | | | | | |
| Test Hole | Utility Type | Utility Material | Utility Size Outside Diameter inches | Utility Manual Depth feet | Cross Sectional View | Utility Direction | Identified By | Surface Type | Surface Thickness inches | Apparent Utility Owner | Datums: | | Ground Elevation | Utility Elevation |
| | | | | | | | | | | | Horizontal: NAD83/11 | Vertical: NAVD88 | | |
| | | | | | | | | | | | Northing | Easting | | |
| 1-18 | BT | PVC | 2 - 4" | 3.82' |  | ↑ | IRC | NG | N/A | FRONTIER | 1303091.15' | 526425.13' | 7.04' | 3.22' |
| 1-19 | FOC/BT | PVC | 4" | 2.54' |  | ↑ | IRC | NG | N/A | FRONTIER | 1303091.17' | 526425.73' | 6.99' | 4.45' |
| 1-20 | BT | LEAD | 2 - 2" | 3.00' |  | ↑ | IRC | NG | N/A | FRONTIER | 1303091.09' | 526427.92' | 6.86' | 3.86' |
| 1-21 | FOC | UNK | 12 - 1.5" | 9.22' |  | ↑ | IRC | NG | N/A | FRONTIER | 1303091.01' | 526430.76' | 6.58' | -2.64' |
| 1-22 | BT | LEAD | 2 - 2" | 2.00' |  | ↑ | IRC | NG | N/A | FRONTIER | 1303695.15' | 526432.46' | 6.77' | 4.77' |
| 1-23 | BT | PVC | 2 - 4" | 2.76' |  | ↑ | IRC | NG | N/A | FRONTIER | 1303695.20' | 526433.46' | 6.70' | 3.94' |
| 1-24 | BT | LEAD | 2 - 2" | 2.74' |  | ↑ | IRC | NG | N/A | FRONTIER | 1304500.45' | 526435.53' | 7.28' | 4.54' |
| Notes: 1-21 - Unable to visually verify size and material due to depth and groundwater. Possibly 12 - 1.5" polyethylene pipes. | | | | | | | | | | | | | | |
| | | | | | | | | | | | Prepared by: EE | | Date: 02/12/2019 | |
| | | | | | | | | | | | Checked by: AB | | Date: 02/12/2019 | |

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
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Kisinger Campo & Associates Corp.
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record: Branan R. Anderson, PE
P.E. No.: 78438

| | | |
|--|--------------|----------------------|
| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (21)

SHEET NO.

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

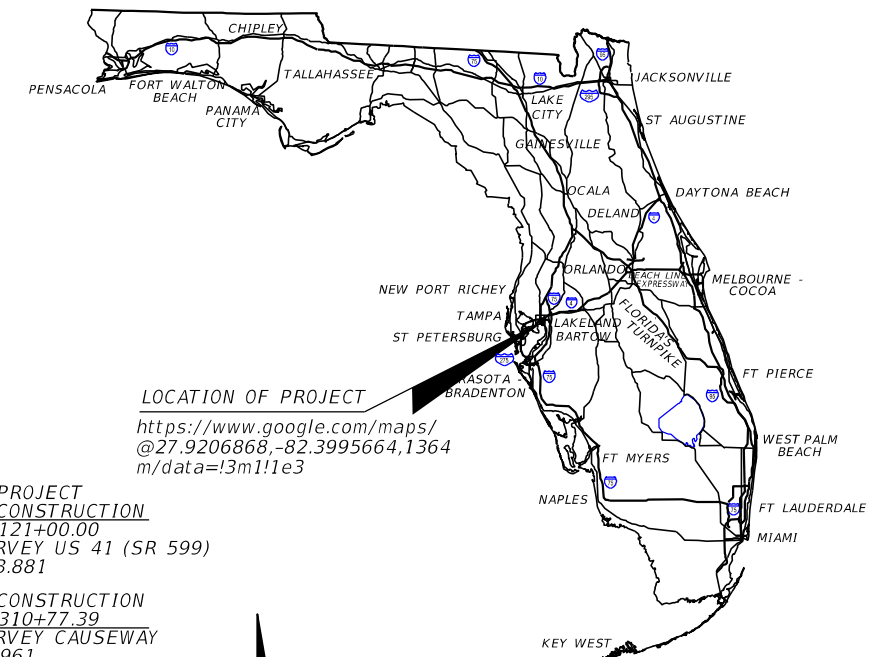
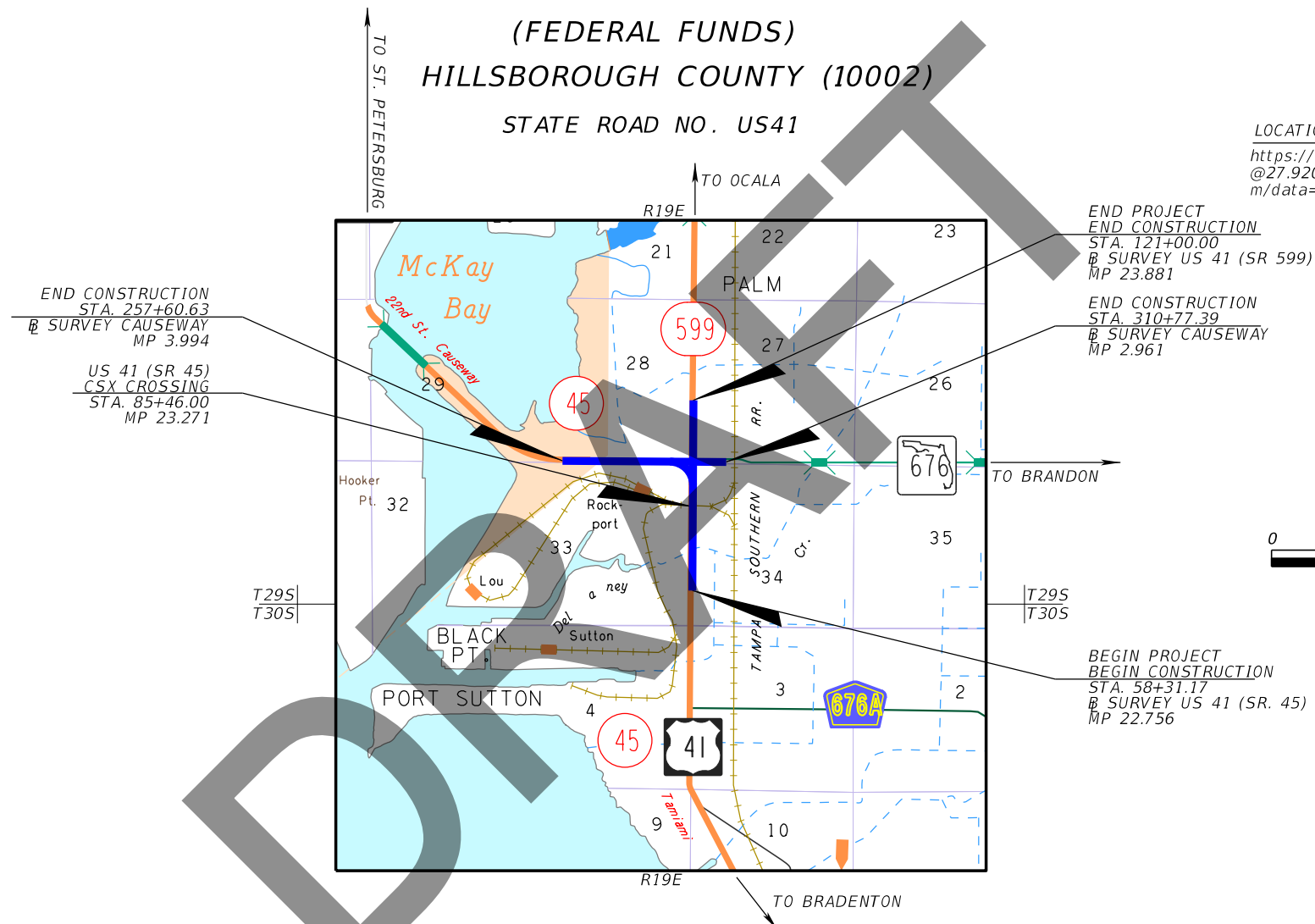
CONTRACT PLANS

FINANCIAL PROJECT ID 440749-1-52-01
(FEDERAL FUNDS)
HILLSBOROUGH COUNTY (10002)
STATE ROAD NO. US41

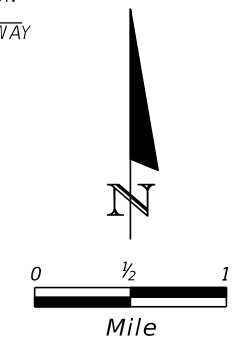
TECO PGS GREENLINE
MARKED PLANS
JUNE 18, 2021



- CS - COATED STEEL
- CI - CAST IRON
- BS - BARE STEEL
- GM - GAS MAIN
- PE - POLYETHYLENE
- S/L - SERVICE LINE
- TM - TRANSMISSION
- CE - CASING ENCLOSED
- HP - HIGH PROFILE MAIN
- OOS - OUT OF SERVICE



LOCATION OF PROJECT
<https://www.google.com/maps/@27.9206868,-82.3995664,1364m/data=!3m1!1e3>



GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2021-22 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, July 2022 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

ROADWAY PLANS

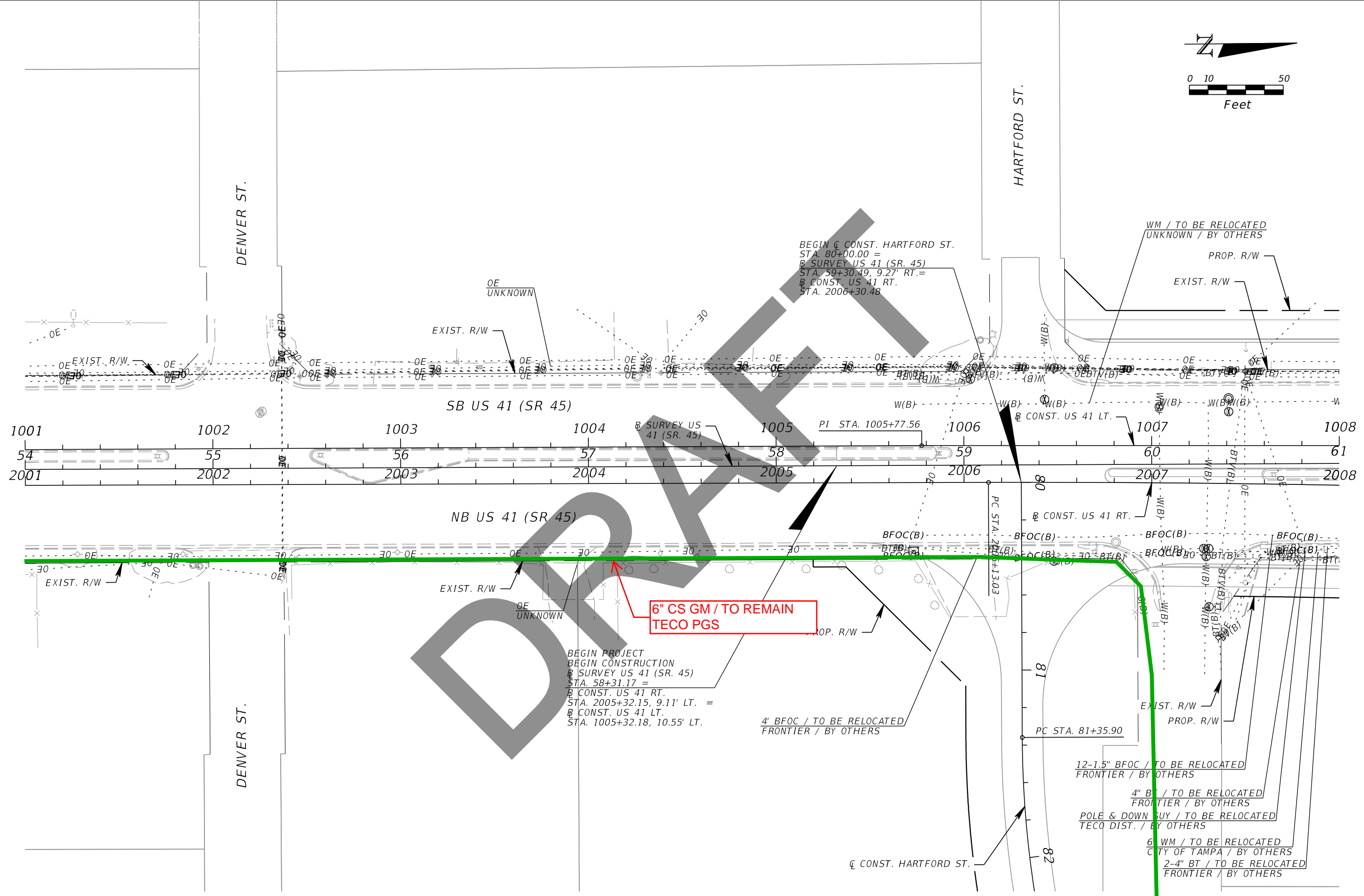
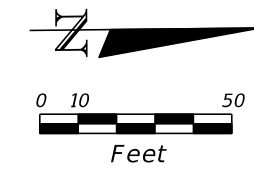
ENGINEER OF RECORD:

BRANAN R. ANDERSON, P.E. NO.: 78438
KISINGER CAMPO AND ASSOCIATES CORP.
CONSULTING ENGINEERS & PLANNERS
201 N. FRANKLIN STREET, SUITE 400
TAMPA, FLORIDA 33602
(813) 871-5331
VENDOR NUMBER.: F59-1677145

FDOT PROJECT MANAGER:

TIM O'BRIEN P.E.

| CONSTRUCTION CONTRACT NO. | FISCAL YEAR | SHEET NO. |
|---------------------------|-------------|-----------|
| TBD | 21 | 1 |



| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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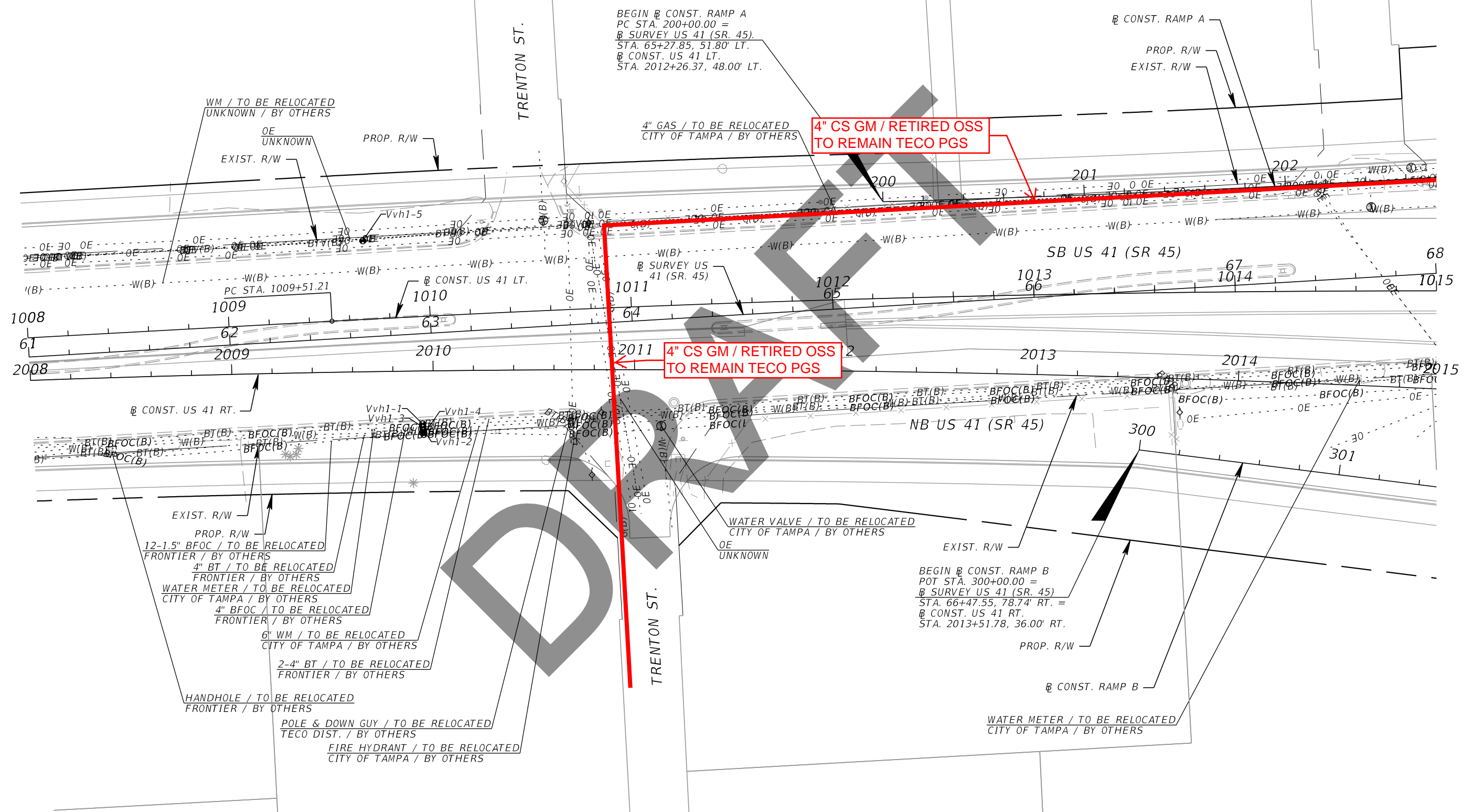
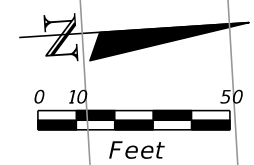
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| | | |
|--|--------------|----------------------|
| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (1)

SHEET NO.

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| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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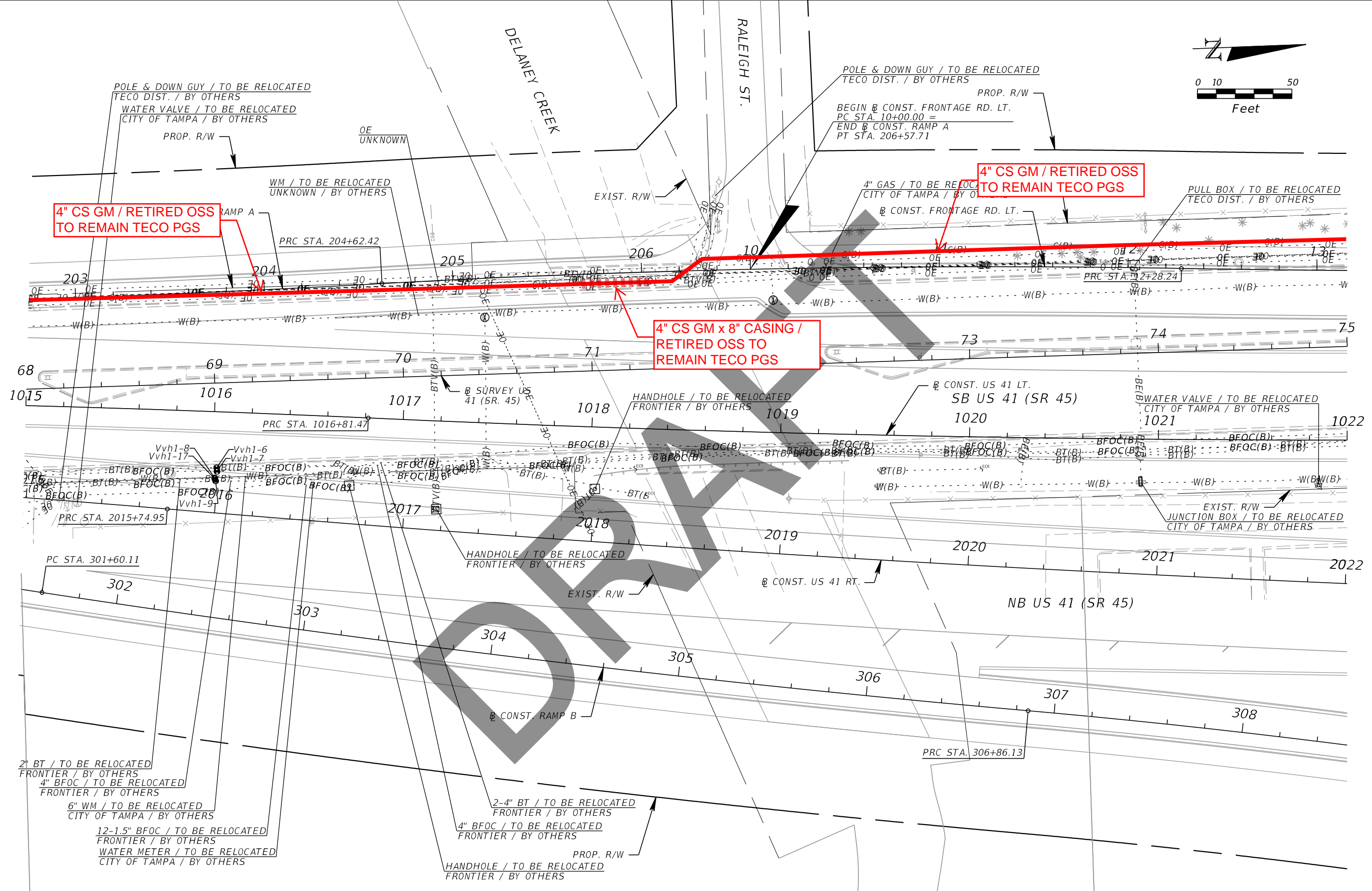
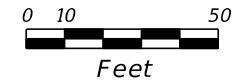
Kisinger Campo & Associates Corp.
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record: Branan R. Anderson, PE
P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (2)

SHEET NO.

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4" CS GM / RETIRED OSS
TO REMAIN TECO PGS

4" CS GM / RETIRED OSS
TO REMAIN TECO PGS

4" CS GM x 8" CASING /
RETIRED OSS TO
REMAIN TECO PGS

| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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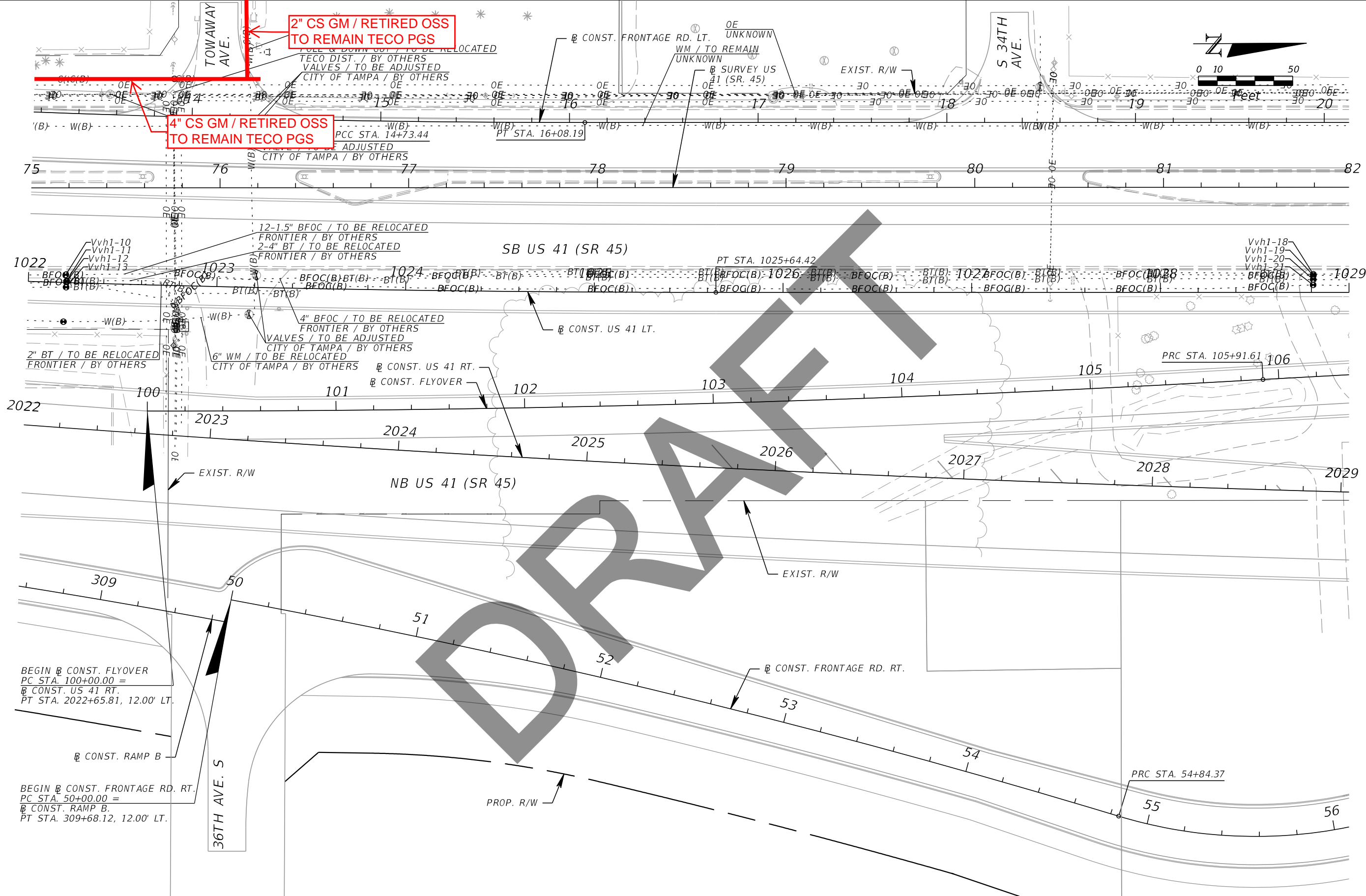
Kisinger Campo & Associates Corp.
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record: Branan R. Anderson, PE
P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (3)

SHEET NO.

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2" CS GM / RETIRED OSS
TO REMAIN TECO PGS

4" CS GM / RETIRED OSS
TO REMAIN TECO PGS

SB US 41 (SR 45)

NB US 41 (SR 45)

BEGIN @ CONST. FLYOVER
PC STA. 100+00.00 =
@ CONST. US 41 RT.
PT STA. 2022+65.81, 12.00' LT.

BEGIN @ CONST. FRONTAGE RD. RT.
PC STA. 50+00.00 =
@ CONST. RAMP B.
PT STA. 309+68.12, 12.00' LT.

| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

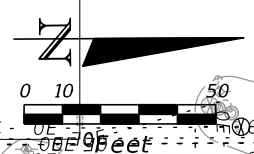
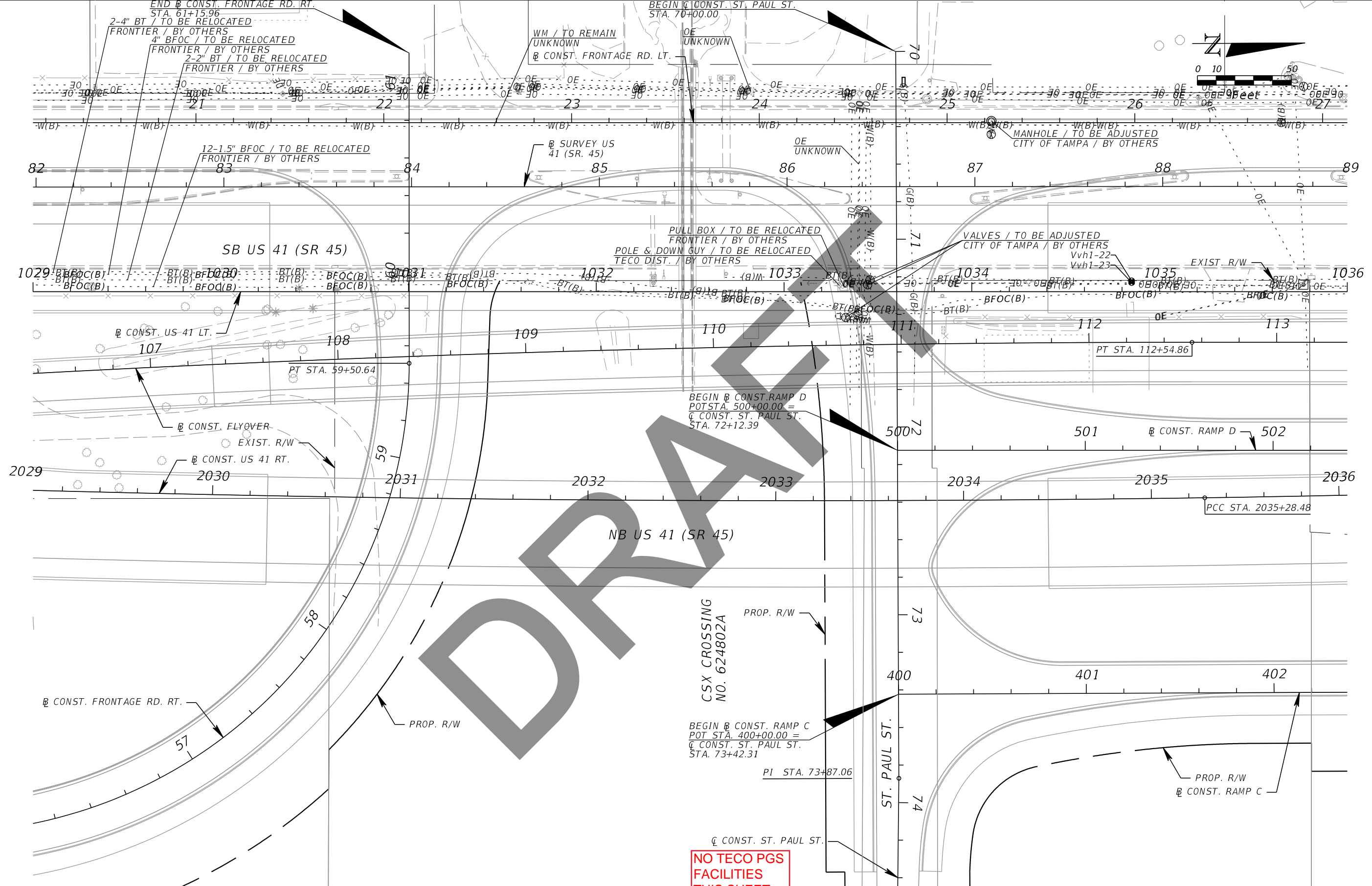
Kisinger Campo & Associates Corp.
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record: Branan R. Anderson, PE
P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (4)

SHEET NO.

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DRAFT

| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

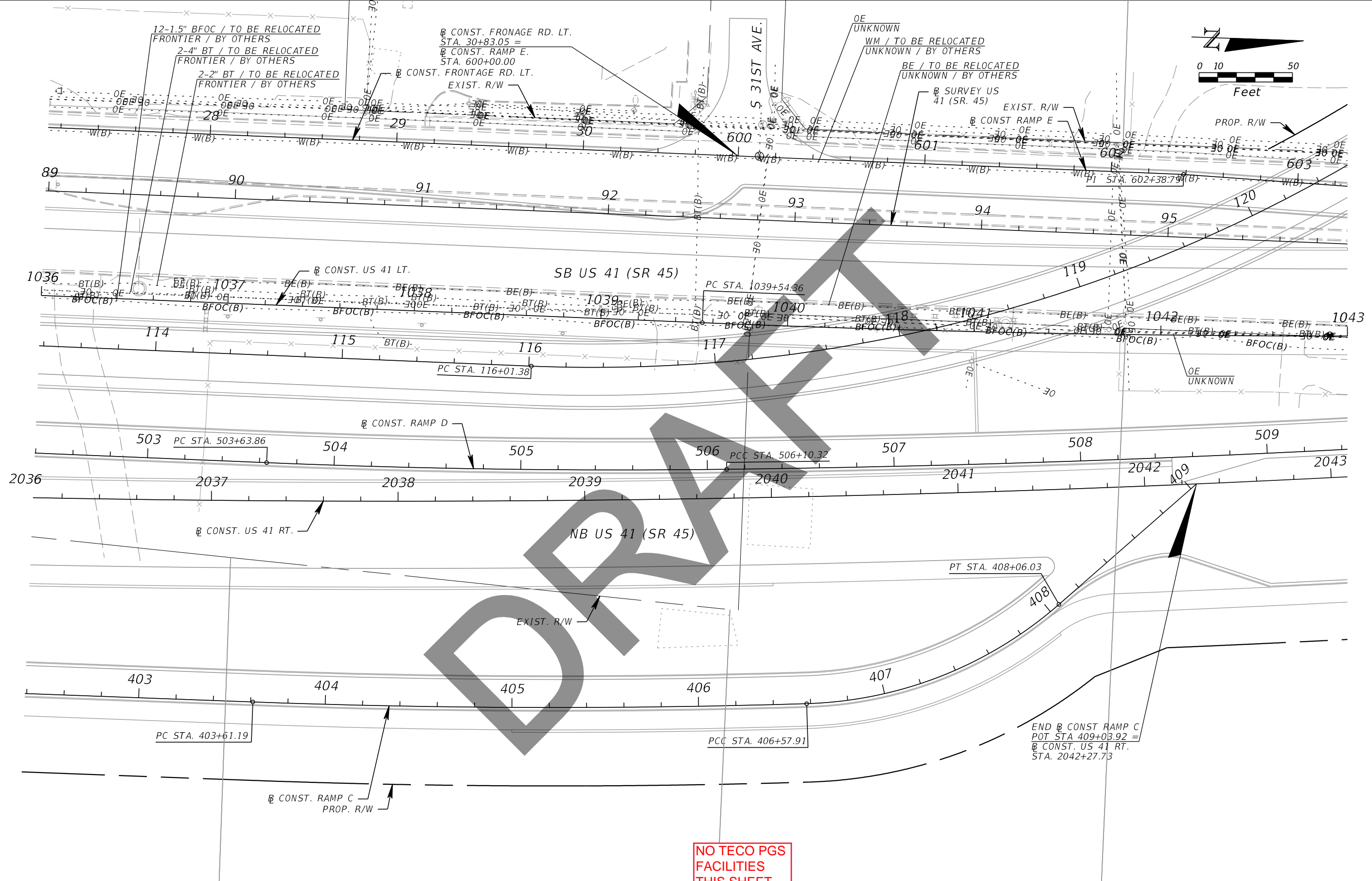
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (5)

SHEET NO.

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| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

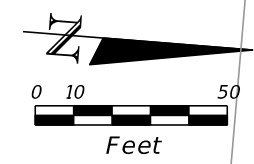
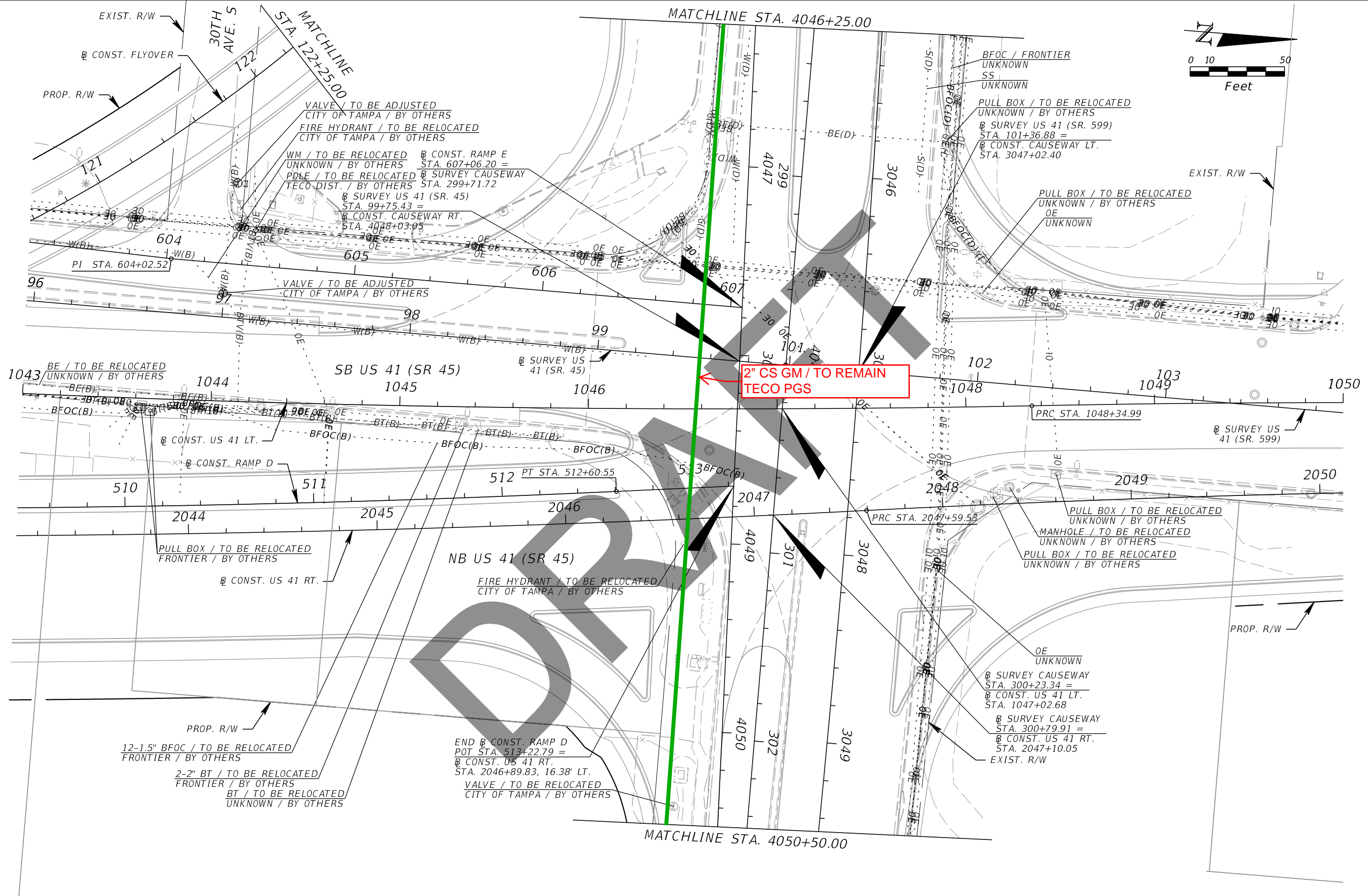
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
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UTILITY ADJUSTMENTS (6)

SHEET NO.

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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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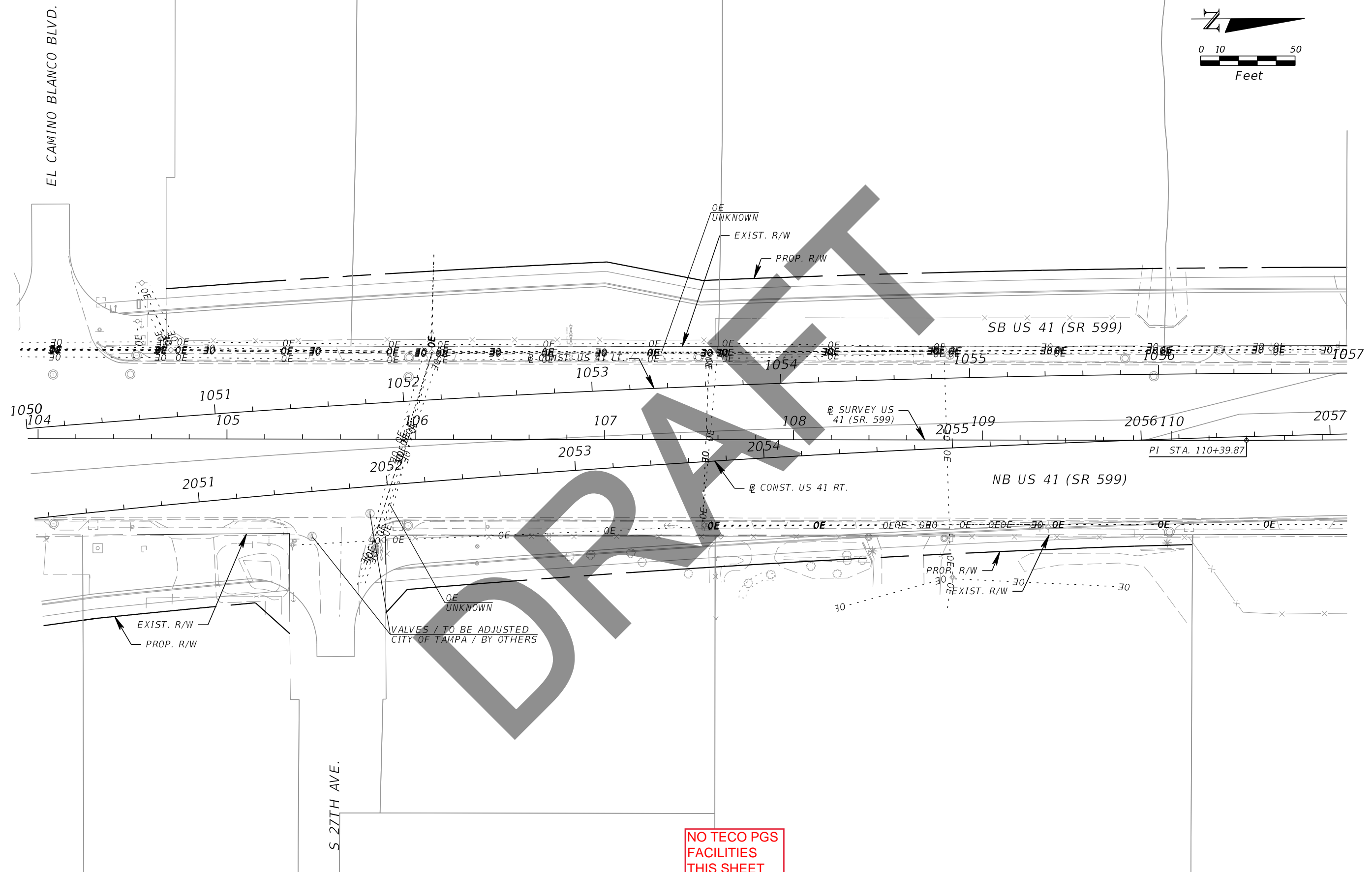
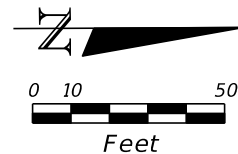
Kisinger Campo & Associates Corp.
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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (7)

SHEET NO.

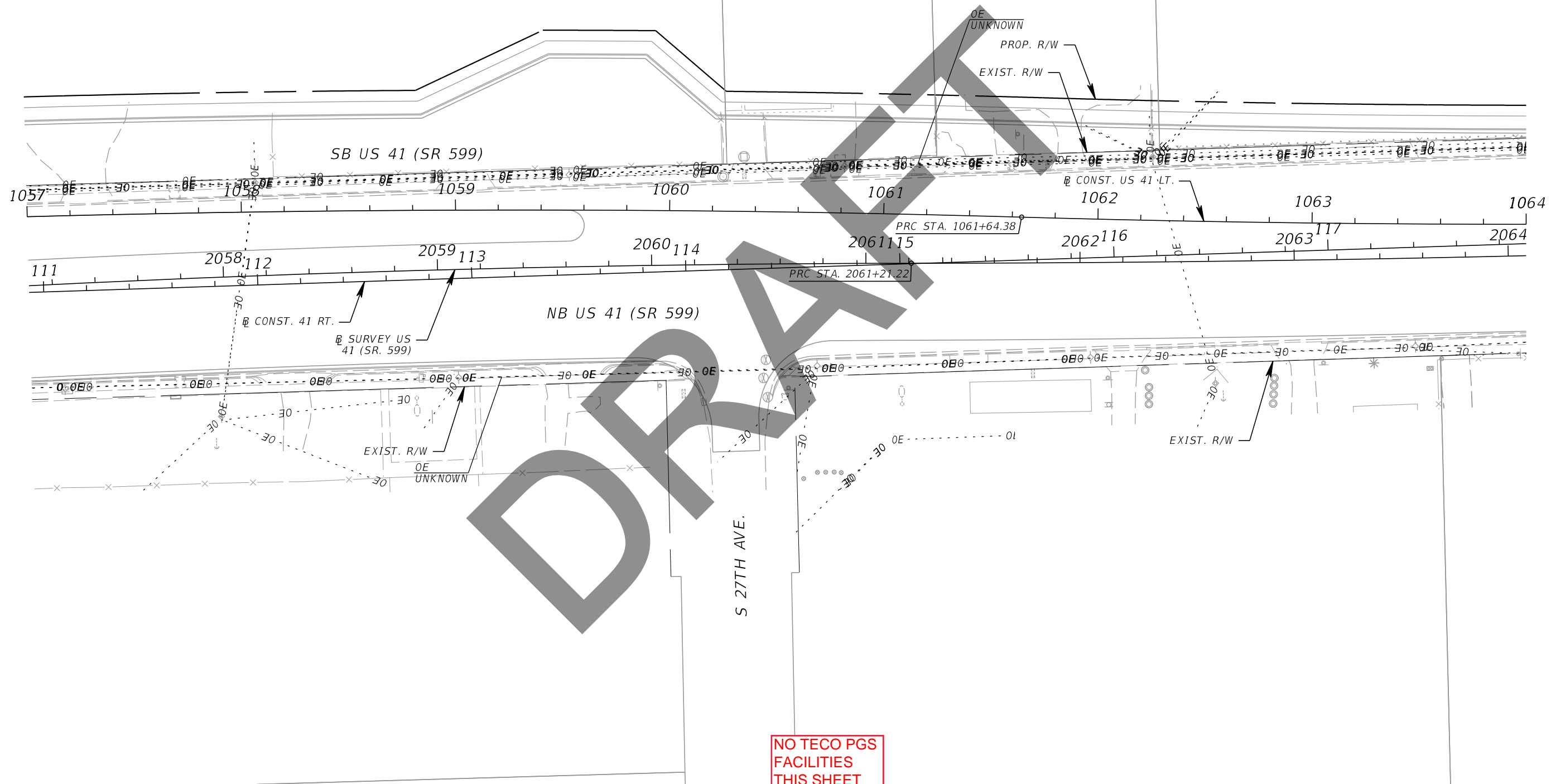
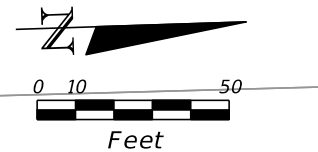
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NO TECO PGS
FACILITIES
THIS SHEET

| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (8) | SHEET NO. |
|-----------|-------------|------|-------------|---|--|--------------|----------------------|--------------------------------|--------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

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NO TECO PGS
FACILITIES
THIS SHEET

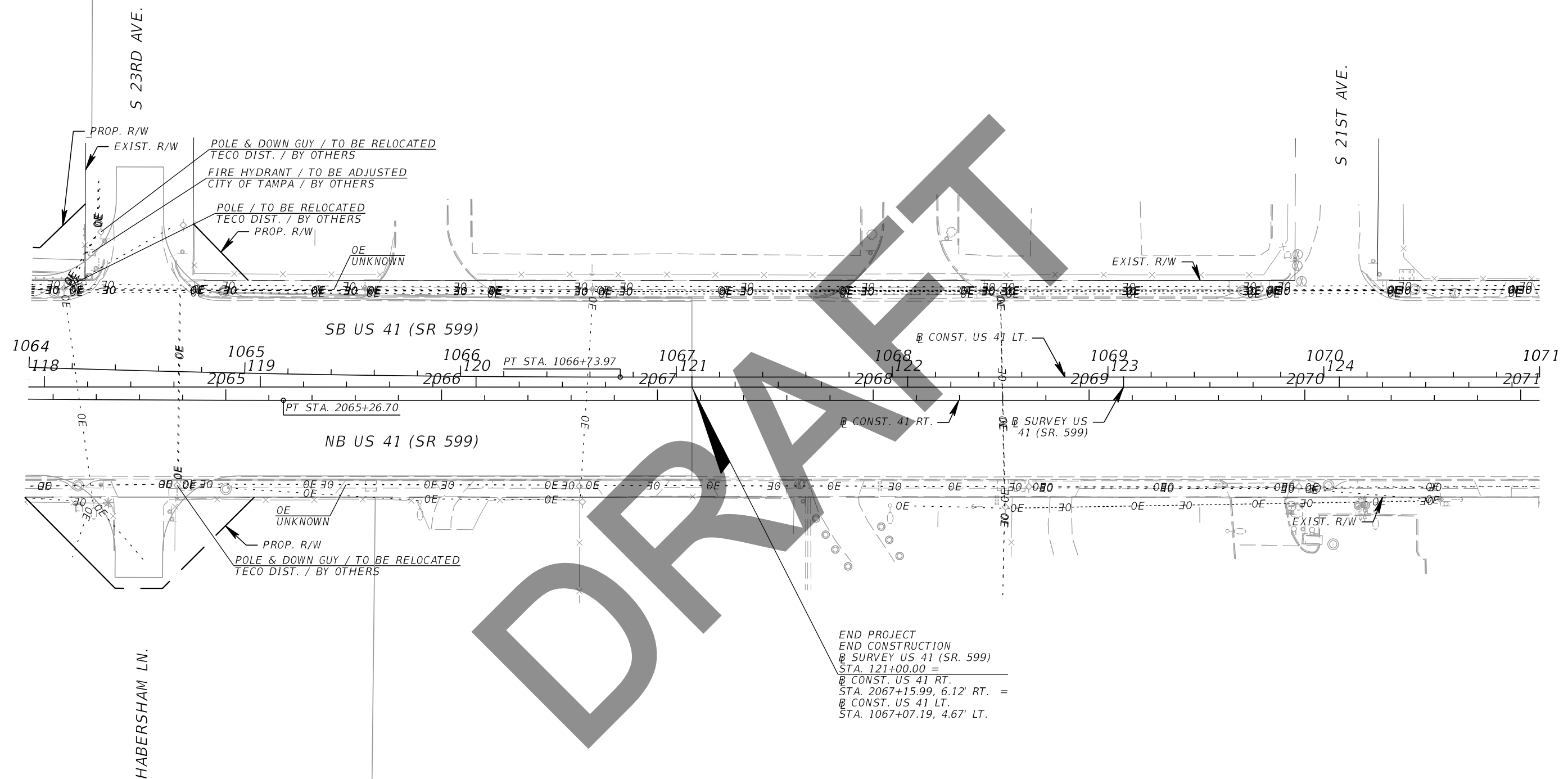
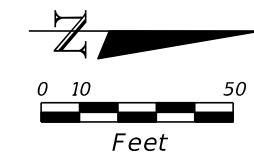
| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

Kisinger Campo & Associates Corp.
201 N. Franklin Street, Suite 400
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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (9)

SHEET NO.

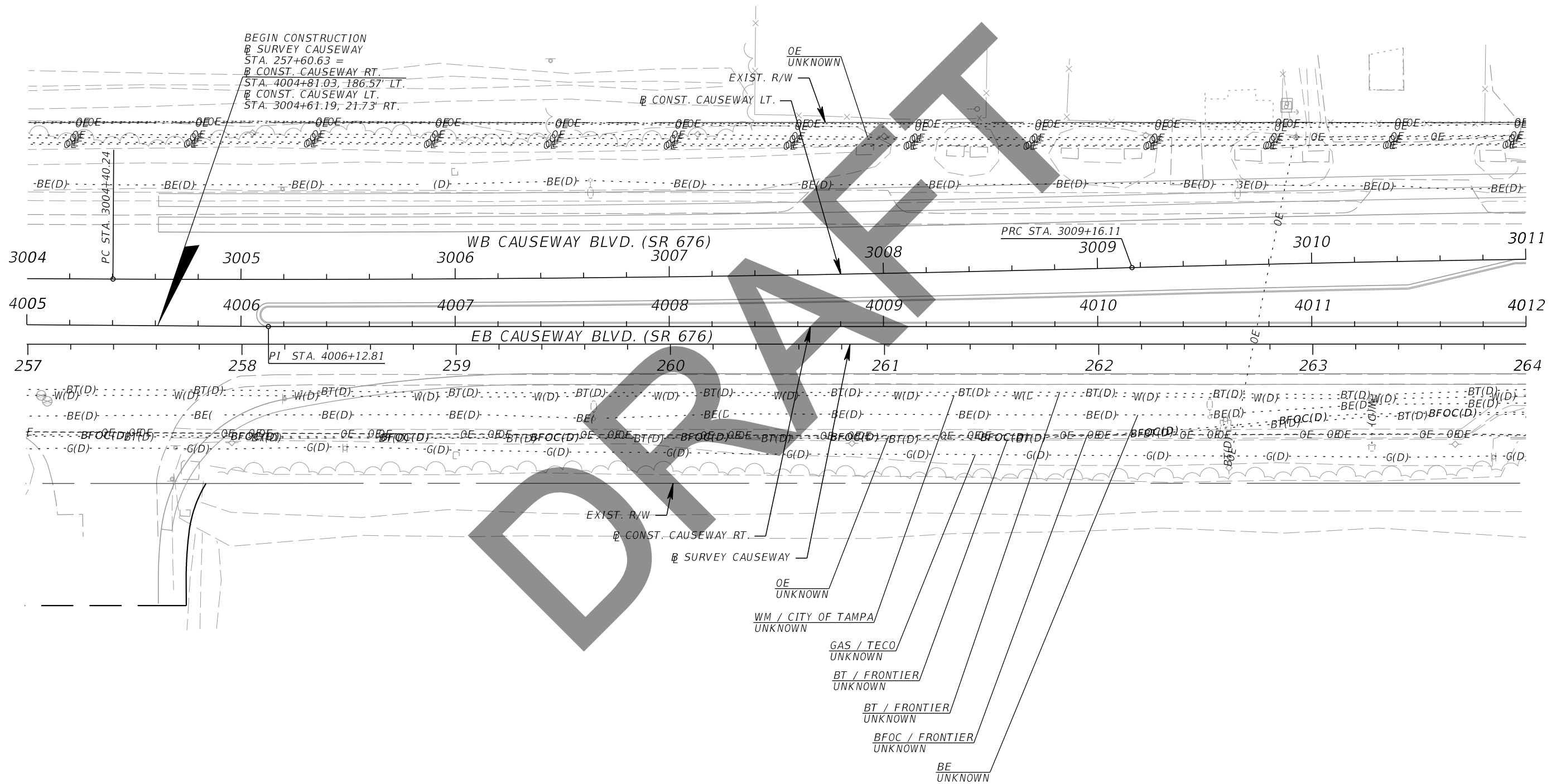
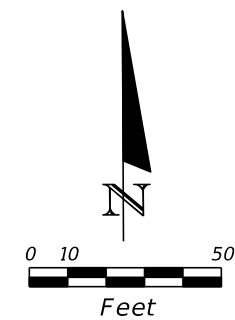


END PROJECT
 END CONSTRUCTION
 @ SURVEY US 41 (SR. 599)
 STA. 121+00.00 =
 @ CONST. US 41 RT.
 STA. 2067+15.99, 6.12' RT. =
 @ CONST. US 41 LT.
 STA. 1067+07.19, 4.67' LT.

**NO TECO PGS
 FACILITIES
 THIS SHEET**

| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (10) | SHEET NO. |
|-----------|-------------|------|-------------|---|--|--------------|----------------------|--------------------------|--------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

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BEGIN CONSTRUCTION
 @ SURVEY CAUSEWAY
 STA. 257+60.63 =
 @ CONST. CAUSEWAY RT.
 STA. 4004+81.03, 186.57' LT.
 @ CONST. CAUSEWAY LT.
 STA. 3004+61.19, 21.73' RT.

EXIST. R/W
 @ CONST. CAUSEWAY LT.

OE UNKNOWN

OE UNKNOWN

WM / CITY OF TAMPA
UNKNOWN

GAS / TECO
UNKNOWN

BT / FRONTIER
UNKNOWN

BT / FRONTIER
UNKNOWN

BFOC / FRONTIER
UNKNOWN

BE
UNKNOWN

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

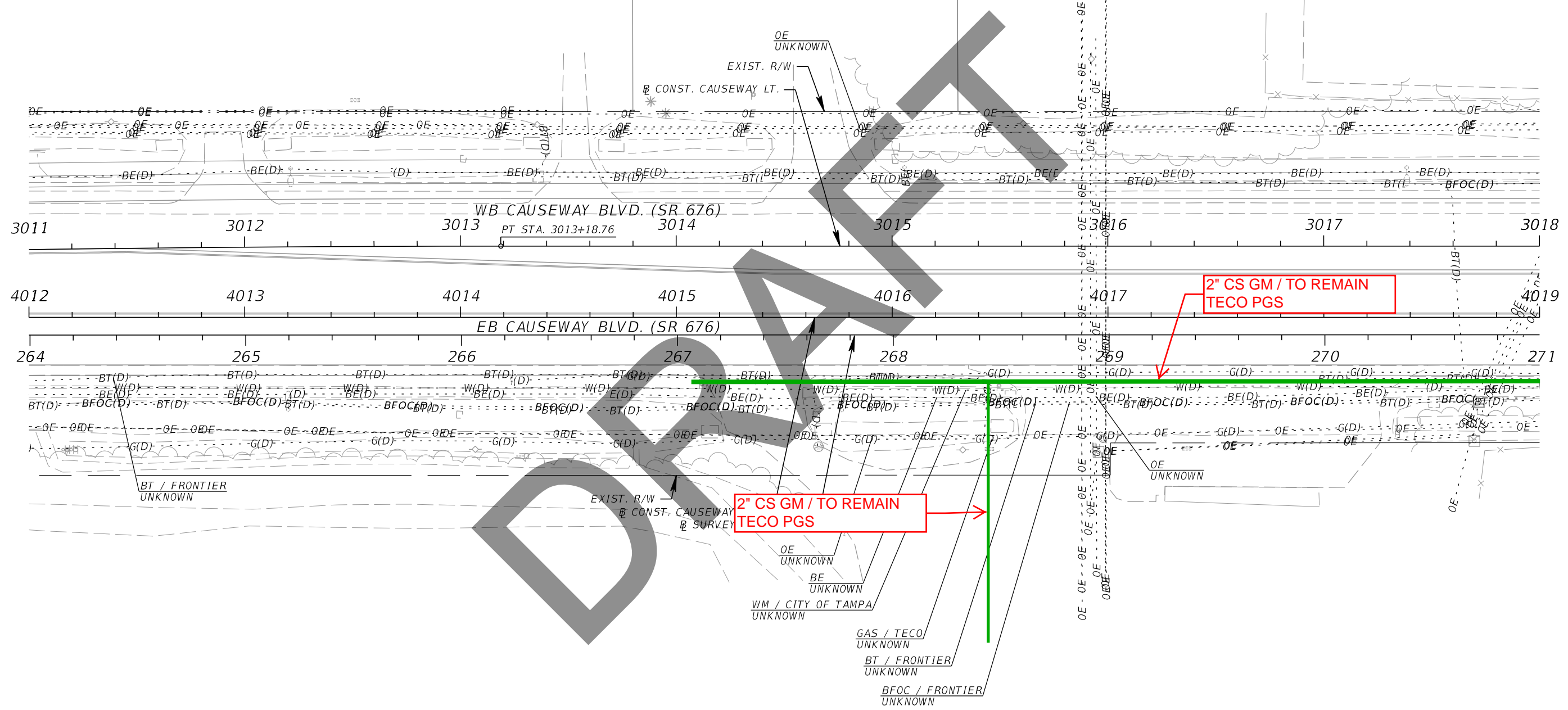
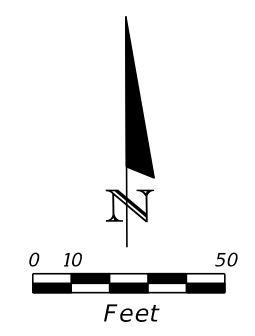
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (11)

SHEET NO.

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



| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

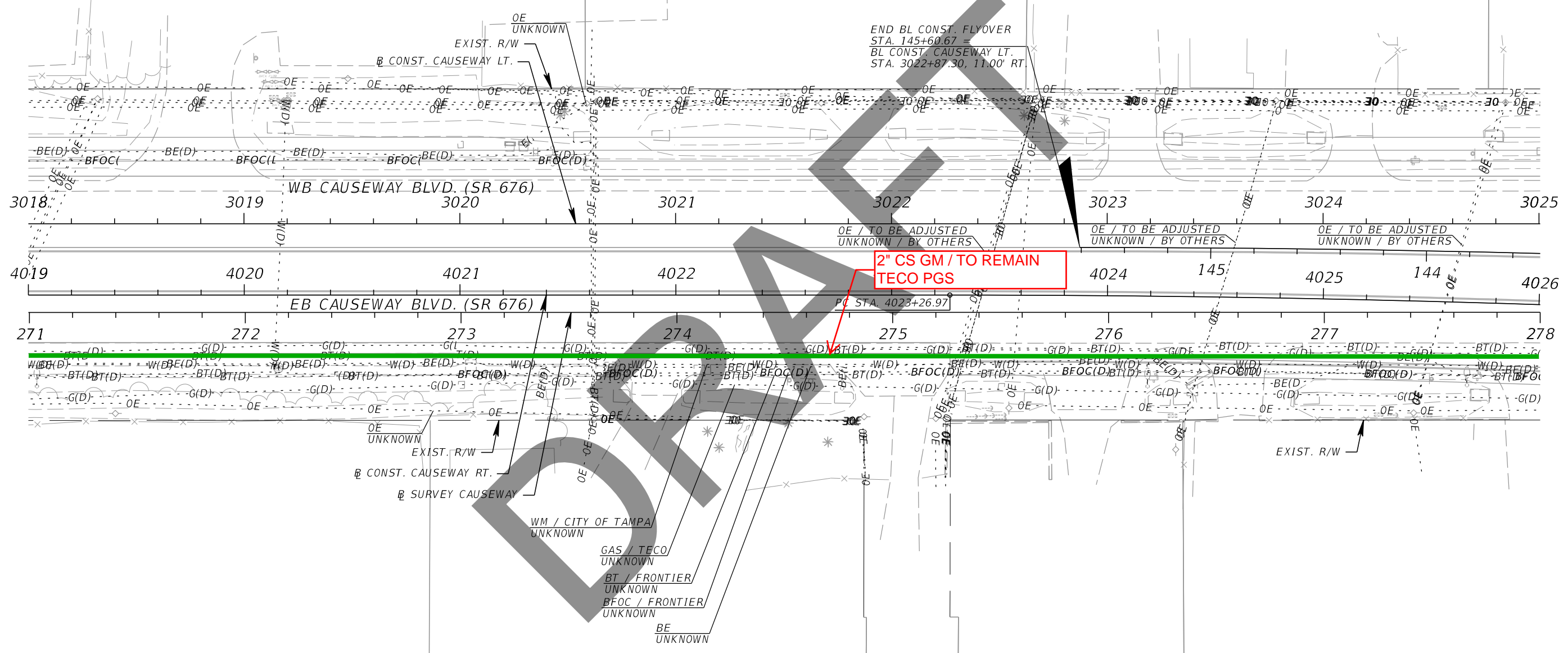
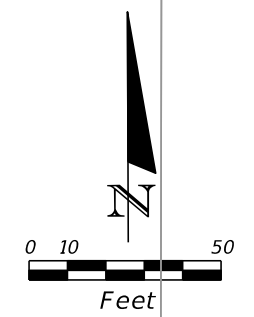
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (12)

SHEET NO.

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



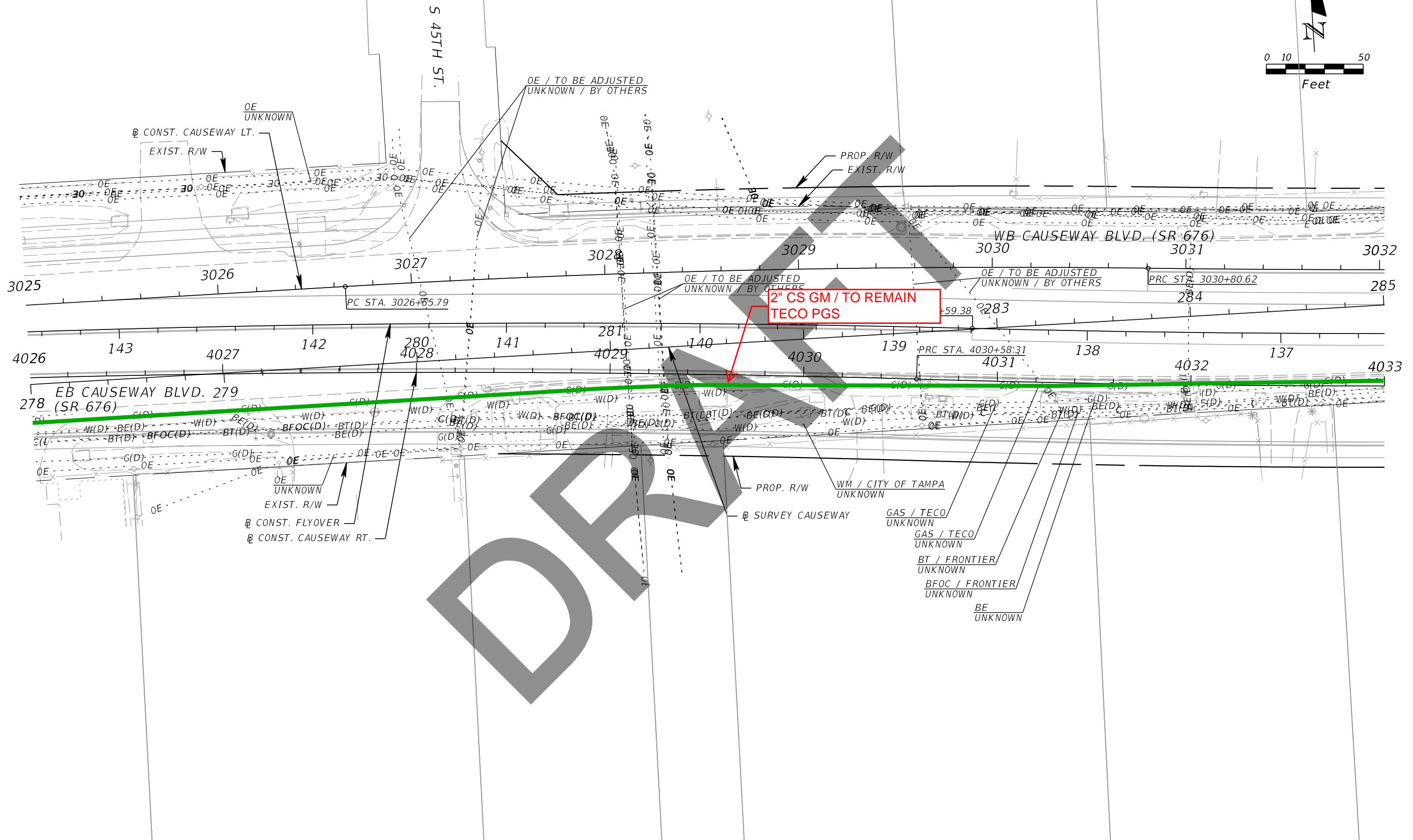
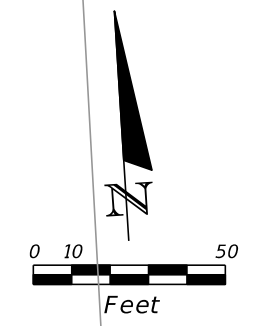
| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
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 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (13)

SHEET NO.



DRAFT

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

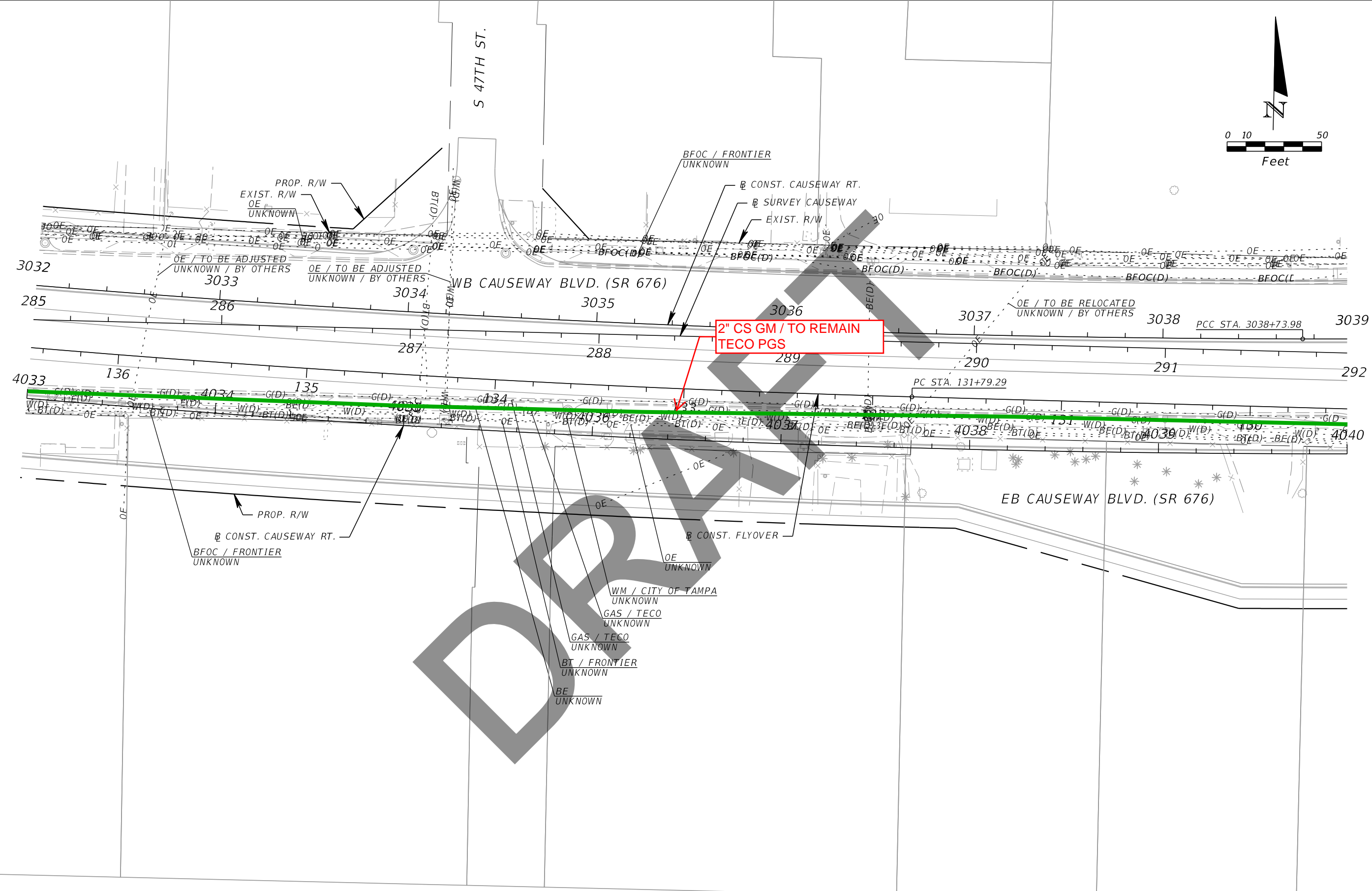
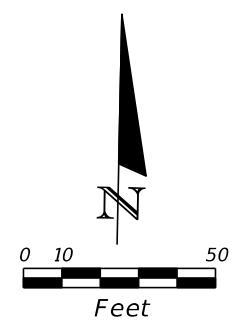
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (14)

SHEET
NO.

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DRAFT

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

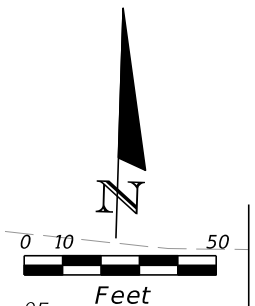
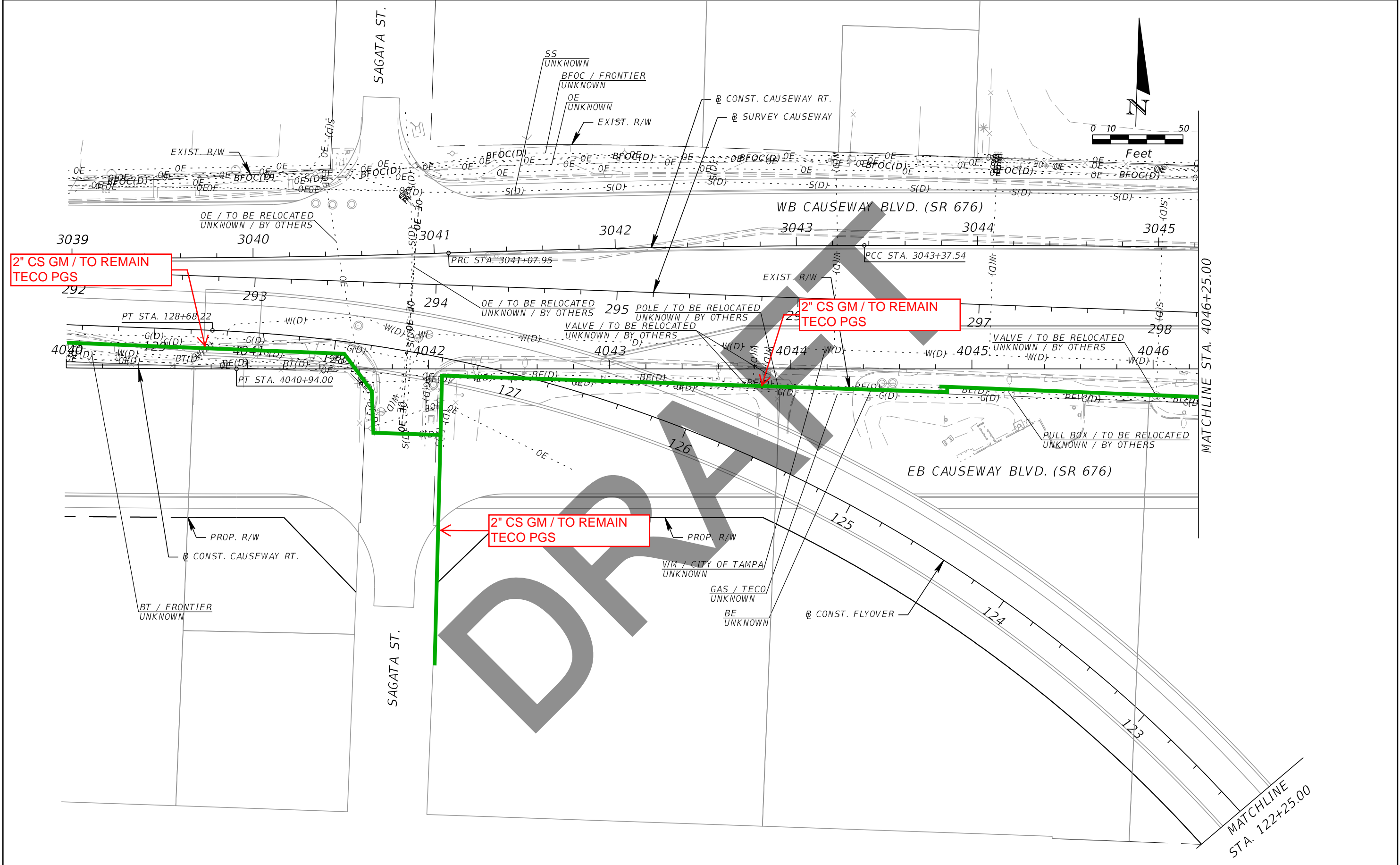
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (15)

SHEET NO.

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



2" CS GM / TO REMAIN
TECO PGS

2" CS GM / TO REMAIN
TECO PGS

2" CS GM / TO REMAIN
TECO PGS

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

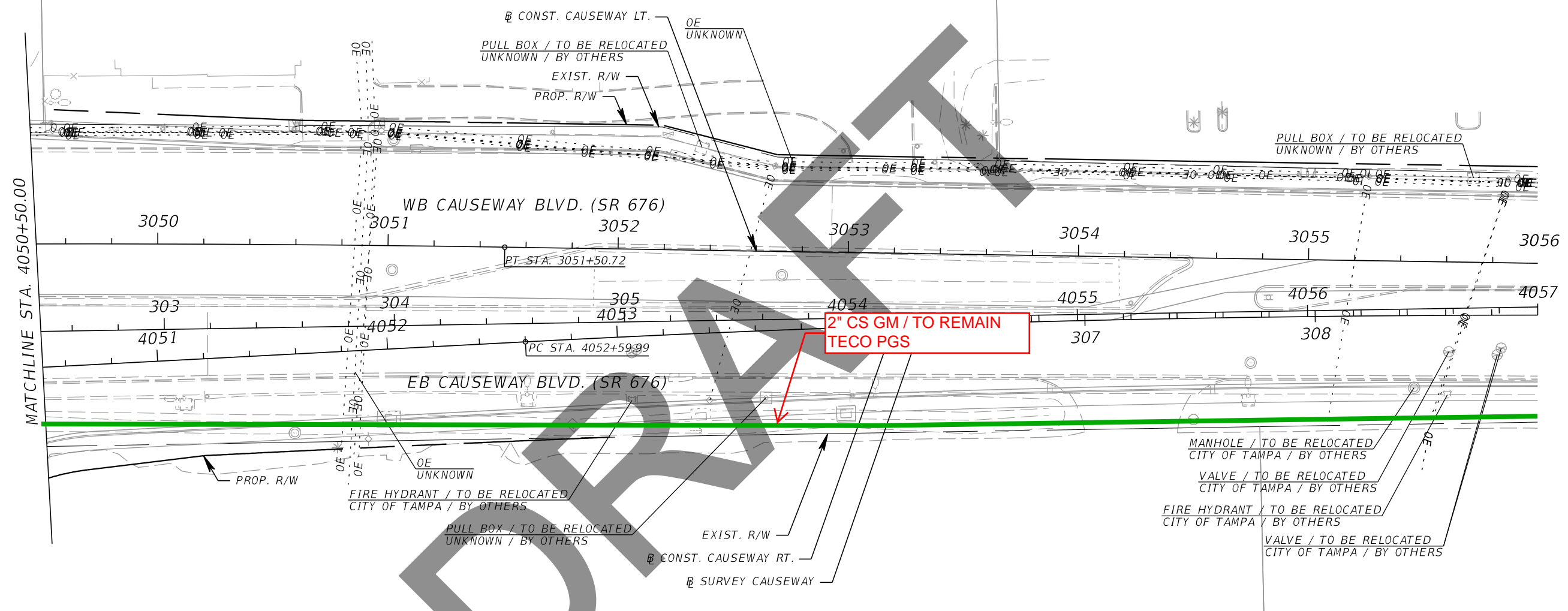
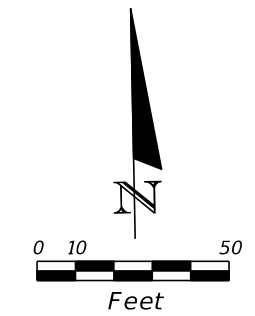
Kisinger Campo & Associates Corp.
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record: Branan R. Anderson, PE
P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

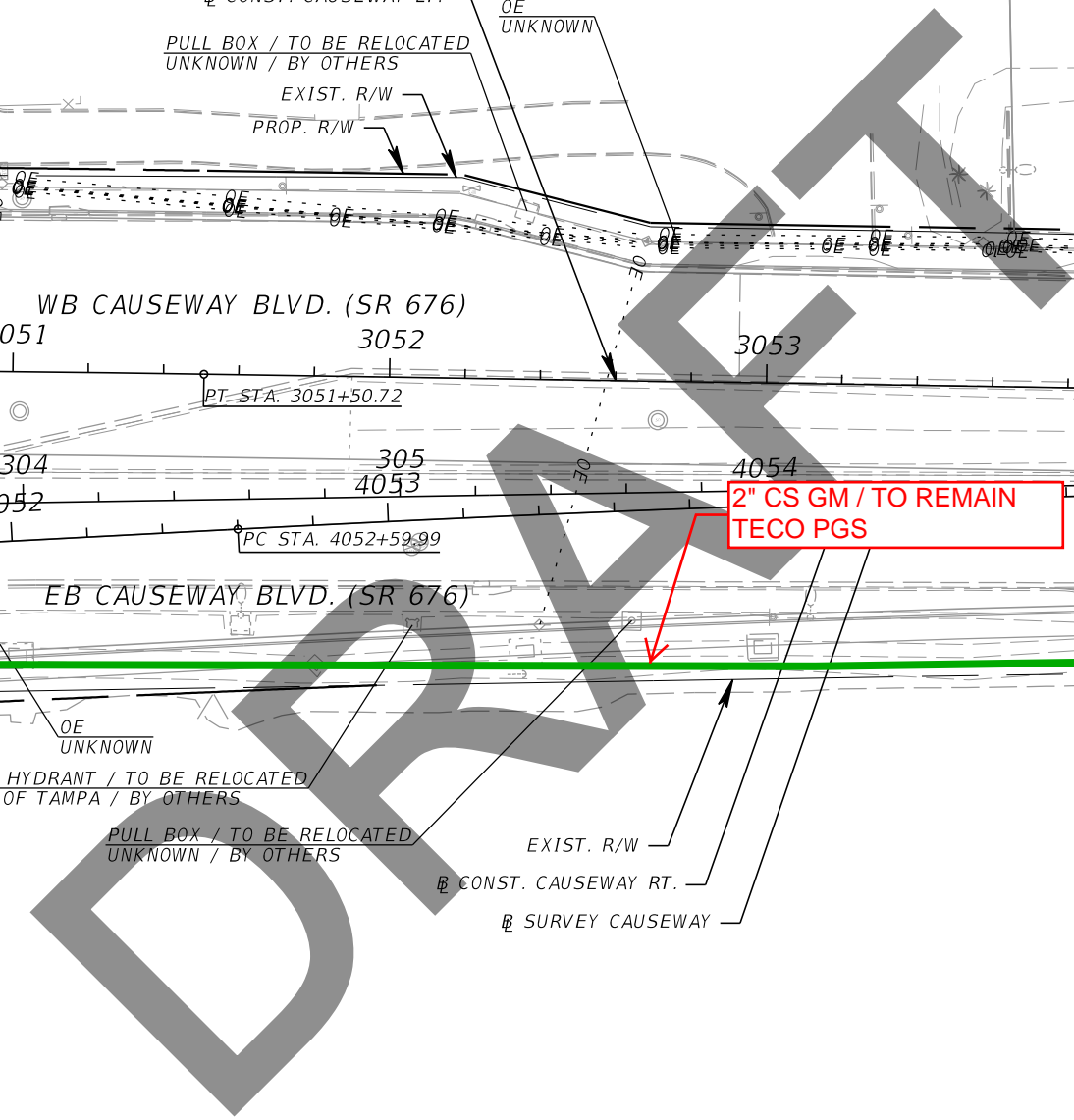
UTILITY ADJUSTMENTS (16)

SHEET NO.

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MATCHLINE STA. 4050+50.00



| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

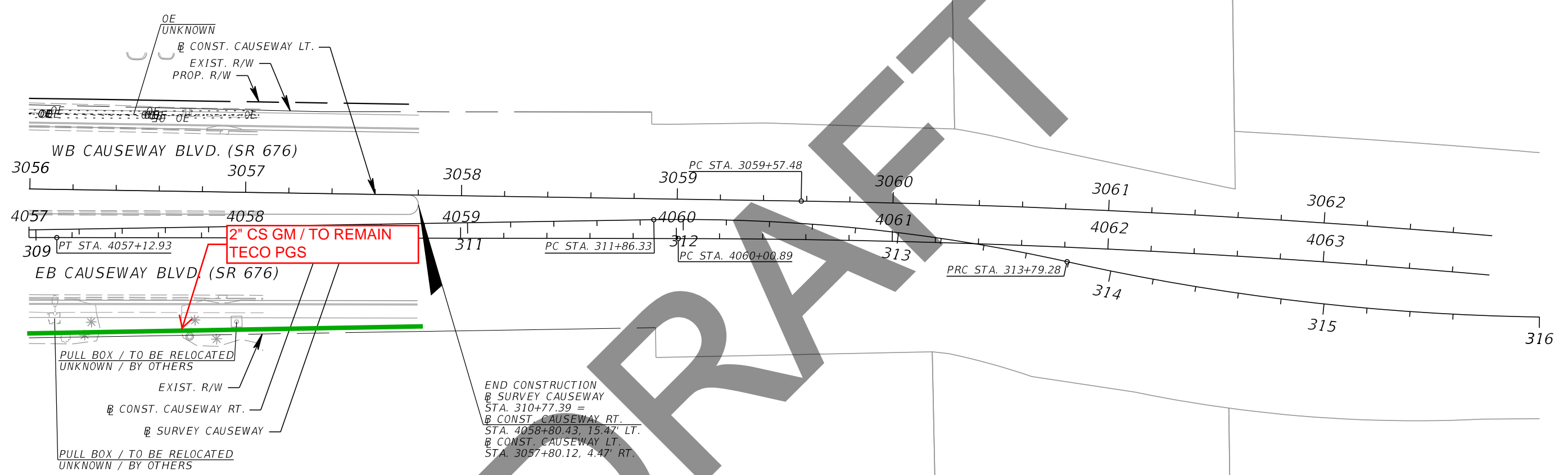
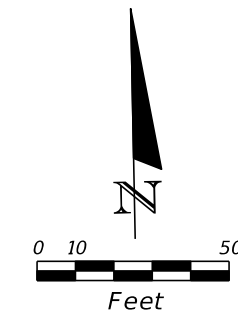
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (17)

SHEET NO.

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



DRAFT

END CONSTRUCTION
 @ SURVEY CAUSEWAY
 STA. 310+77.39 =
 @ CONST. CAUSEWAY RT.
 STA. 4058+80.43, 15.47' LT.
 @ CONST. CAUSEWAY LT.
 STA. 3057+80.12, 4.47' RT.

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (18)

SHEET
NO.

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

| Date: | 12/04/2018 | Test Hole Data Report | | | | | | Crew Members: | | DW, TG | | | | |
|--|------------------------------|---|---|---------------------------------------|-----------------------------|----------------------------|---------------|---|--------------------------|-----------------------------|-----------------|----------------|------------------|-------------------|
| ECHO Project #: | 18-252 | 16514 N. Dale Mabry Hwy. Tampa, Florida 33618 | | | | | | ECHO UES, Inc. www.echoues.com 888.778.ECHO | | City, State: | | Tampa, Florida | | |
| Financial Project #: | N/A | 1511 E. SR434, Ste. 2001, #252 Winter Springs, Florida 32708 | | | | | | ECHO UTILITY ENGINEERING & SURVEY | | General Location: | | US 41 | | |
| Truck No.: | D-3/T-2 | | | | | | | - GROW, INSPIRE, MAKE A DIFFERENCE - | | Coordinate Unit of Measure: | | US Survey Feet | | |
| Utility Type | | Utility Material | | | | Identified By: | | Abbreviations | | Offset Measured From: | | | | |
| BE = Buried Electrical | RW = Reclaimed Water | AC = Transite | FIBG = Fiberglass | HUB = Survey Hub | N/A = Not Applicable | EP = Edge of Pavement | | | | | | | | |
| GM = Gas Main | SL = Street Light | CI = Cast Iron | HDPE = High Density Polyethylene Pipe | IRC = Iron Rod & Cap "ECHO TEST HOLE" | NAD = North American Datum | BC = Back of Curb | | | | | | | | |
| BT = Buried Telephone | TS = Traffic Signal | CP = Concrete Pipe | PE = Polyethylene Pipe | NL = Nail & Disk "ECHO TEST HOLE" | NAVD = North American Datum | BL = Baseline of Survey | | | | | | | | |
| FOC = Fiber Optic Cable | FL = Fuel Line | DBC = Direct Buried Cable | PVC = Polyvinyl Chloride | SLEEVE = Sleeve | Vertical Datum | COORD = Survey Coordinates | | | | | | | | |
| WM = Water Main | GS = Gas Service | CMP = Corrugated Metal Pipe | STL = Steel | X = "X" in Concrete | UNK = Unknown | CL = Centerline | | | | | | | | |
| SAN = Sanitary Sewer | WS = Water Service | CONC = Concrete | VCP = Vitrified Clay Pipe | Surface Type | | HUB = Survey Hub | | | | | | | | |
| STM = Storm Sewer | UNK = Unknown Utility | CPP = Corrugated Plastic Pipe | PCCP = Prestressed Cylinder Concrete Pipe | ASPH = Asphalt | COT = City of Tampa | RW = Right of Way | | | | | | | | |
| CATV = Cable Television | BED = Buried Electrical Duct | DCT = Duct | Pipe | CONC = Concrete | | ST = Swing Ties | | | | | | | | |
| FM = Force Main | BTD = Buried Telephone Duct | DIP = Ductile Iron Pipe | RCP = Reinforced Concrete Pipe | NG = Natural Ground | | X = "X" in Concrete | | | | | | | | |
| Test Hole | Utility Type | Utility Material | Utility Size Outside Diameter inches | Utility Manual Depth feet | Cross Sectional View | Utility Direction | Identified By | Surface Type | Surface Thickness inches | Apparent Utility Owner | Datums: | | Ground Elevation | Utility Elevation |
| | | | | | | | | | | | Horizontal: | Vertical: | | |
| | | | | | | | | | | | NAD83/11 | NAVD88 | | |
| | | | | | | | | | | | Northing | Easting | | |
| 1-1 | BT | PVC | 2 - 4" | 3.26' | | ↕ | IRC | NG | N/A | FRONTIER | 1301204.90' | 526413.67' | 7.51' | 4.25' |
| 1-2 | WM | CI | 6" | 3.30' | | ↕ | IRC | NG | N/A | COT | 1301205.19' | 526416.74' | 7.48' | 4.18' |
| 1-3 | FOC/BT | PVC | 4" | 2.47' | | ↕ | IRC | NG | N/A | FRONTIER | 1301204.95' | 526415.25' | 7.48' | 5.01' |
| 1-4 | FOC | PE | 12 - 1.5" | 8.80' | | ↕ | IRC | NG | N/A | FRONTIER | 1301205.12' | 526418.96' | 7.36' | -1.44' |
| 1-5 | CATV | PVC | 2 - 2" | 5.54' | | ↕ | IRC | NG | N/A | SPECTRUM | 1301181.11' | 526321.06' | 6.85' | 1.31' |
| 1-6 | BT | PVC | 2 - 4" | 3.44' | | ↕ | IRC | NG | N/A | FRONTIER | 1301811.38' | 526417.02' | 6.84' | 3.40' |
| 1-7 | FOC/BT | PVC | 4" | 2.42' | | ↕ | IRC | NG | N/A | FRONTIER | 1301811.47' | 526418.97' | 6.84' | 4.42' |
| 1-8 | WM | UNK | UNK | 10.06' | | ↕ | IRC | NG | N/A | COT | 1301810.12' | 526422.34' | 6.83' | -3.23' |
| 1-9 | FOC/BT | PVC | 4" | 3.34' | | ↕ | IRC | NG | N/A | FRONTIER | 1301810.56' | 526424.00' | 6.49' | 3.15' |
| Notes: 1-8 - Unable to visually verify size and material due to depth and groundwater. Possible 6" cast iron. | | | | | | | | | | | | | | |
| | | | | | | | | | | | Prepared by: EE | | Date: 02/12/2019 | |
| | | | | | | | | | | | Checked by: AB | | Date: 02/12/2019 | |

| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

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|---|--------------|----------------------|--|--|--|
| Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | | | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | | |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 | | | |

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| UTILITY ADJUSTMENTS (19) | | SHEET NO. |
| | | |

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

| | | | | | | | | | | | | | | |
|----------------------------------|------------------------------|---|---|--|--------------------------------------|--|---------------------|---------------|--------------------------|------------------------|----------------------|------------------|------------------|-------------------|
| Date: | 12/05/2018 | Test Hole Data Report | | | | Crew Members: DW, TG | | | | | | | | |
| ECHO Project #: | 18-252 | 16514 N. Dale Mabry Hwy. Tampa, Florida 33618 | | ECHO UES, Inc. www.echoues.com 888.778.ECHO | | City, State: Tampa, Florida | | | | | | | | |
| Financial Project #: | N/A | 1511 E. SR434, Ste. 2001, #252 Winter Springs, Florida 32708 | | ECHO UTILITY ENGINEERING & SURVEY - GROW, INSPIRE, MAKE A DIFFERENCE - | | General Location: US 41 | | | | | | | | |
| Truck No.: | D-3/T-2 | | | | | Coordinate Unit of Measure: US Survey Feet | | | | | | | | |
| Utility Type | | Utility Material | | | | Identified By: | | Abbreviations | | Offset Measured From: | | | | |
| BE = Buried Electrical | RW = Reclaimed Water | AC = Transite | FIBG = Fiberglass | HUB = Survey Hub | N/A = Not Applicable | EP = Edge of Pavement | | | | | | | | |
| GM = Gas Main | SL = Street Light | CI = Cast Iron | HDPE = High Density Polyethylene Pipe | IRC = Iron Rod & Cap "ECHO TEST HOLE" | NAD = North American Datum | BC = Back of Curb | | | | | | | | |
| BT = Buried Telephone | TS = Traffic Signal | CP = Concrete Pipe | PE = Polyethylene Pipe | NL = Nail & Disk "ECHO TEST HOLE" | NAV = North American Datum | BL = Baseline of Survey | | | | | | | | |
| FOC = Fiber Optic Cable | FL = Fuel Line | DBC = Direct Buried Cable | PVC = Polyvinyl Chloride | SLEEVE = Sleeve | NAVD = North American Vertical Datum | COORD = Survey Coordinates | | | | | | | | |
| WM = Water Main | GS = Gas Service | CMP = Corrugated Metal Pipe | STL = Steel | X = "X" in Concrete | UNK = Unknown | HUB = Survey Hub | | | | | | | | |
| SAN = Sanitary Sewer | WS = Water Service | CONC = Concrete | VCP = Vitrified Clay Pipe | Surface Type | | COT = City of Tampa | RW = Right of Way | | | | | | | |
| STM = Storm Sewer | UNK = Unknown Utility | CPP = Corrugated Plastic Pipe | PCCP = Prestressed Cylinder Concrete Pipe | ASPH = Asphalt | | | ST = Swing Ties | | | | | | | |
| CATV = Cable Television | BED = Buried Electrical Duct | DCT = Duct | Pipe | CONC = Concrete | | | X = "X" in Concrete | | | | | | | |
| FM = Force Main | BTD = Buried Telephone Duct | DIP = Ductile Iron Pipe | RCP = Reinforced Concrete Pipe | NG = Natural Ground | | | | | | | | | | |
| Test Hole | Utility Type | Utility Material | Utility Size Outside Diameter inches | Utility Manual Depth feet | Cross Sectional View | Utility Direction | Identified By | Surface Type | Surface Thickness inches | Apparent Utility Owner | Datums: | | Ground Elevation | Utility Elevation |
| | | | | | | | | | | | Horizontal: NAD83/11 | Vertical: NAVD88 | | |
| | | | | | | | | | | | Northing | Easting | | |
| 1-10 | FOC | PE | 12 - 1.5" | 3.96' | | ↑ | IRC | NG | N/A | FRONTIER | 1302430.03' | 526421.52' | 6.62' | 2.66' |
| 1-11 | BT | PVC | 2 - 4" | 2.50' | | ↑ | IRC | NG | N/A | FRONTIER | 1302430.50' | 526424.77' | 6.68' | 4.18' |
| 1-12 | FOC/BT | PVC | 4" | 1.90' | | ↑ | IRC | NG | N/A | FRONTIER | 1302430.47' | 526425.15' | 6.69' | 4.79' |
| 1-13 | BT | DBC | 2" | 1.56' | | ↑ | IRC | NG | N/A | FRONTIER | 1302430.15' | 526428.11' | 6.81' | 5.25' |
| 1-14 | WM | DIP | 6" | 3.40' | | ↑ | IRC | NG | N/A | COT | 1302428.62' | 526446.38' | 8.20' | 4.80' |
| 1-15 | GM | STL | 4" | 3.00' | | ↑ | IRC | NG | N/A | COT | 1302488.18' | 526318.06' | 6.08' | 3.08' |
| 1-16 | BT | PVC | 4" | 3.50' | | ↑ | IRC | NG | N/A | FRONTIER | 1301205.22' | 526417.96' | 7.50' | 4.00' |
| 1-17 | BT | DBC | 2" | 3.00' | | ↑ | IRC | NG | N/A | FRONTIER | 1301810.09' | 526422.72' | 6.80' | 3.80' |
| Notes: | | | | | | | | | | | | | | |
| Prepared by: EE Date: 02/12/2019 | | | | | | | | | | | | | | |
| Checked by: AB Date: 02/12/2019 | | | | | | | | | | | | | | |

| | | | | | | | | | |
|-----------|-------------|------|-------------|---|--|----------------|----------------------|--------------------------|-----------|
| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (20) | SHEET NO. |
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | | |

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

| Date: | 12/06/2018 | Test Hole Data Report | | | | | | | | Crew Members: DW, TG, MAJ | | | | |
|--|------------------------------|---|---|---------------------------------------|--------------------------------------|--|---------------|--------------|--------------------------|-----------------------------|----------------------|-----------------------|------------------|-------------------|
| ECHO Project #: | 18-252 | 16514 N. Dale Mabry Hwy. Tampa, Florida 33618 | | | | ECHO UES, Inc. www.echoues.com 888.778.ECHO | | | | City, State: Tampa, Florida | | | | |
| Financial Project #: | N/A | 1511 E. SR434, Ste. 2001, #252 Winter Springs, Florida 32708 | | | | UTILITY ENGINEERING & SURVEY - GROW, INSPIRE, MAKE A DIFFERENCE - | | | | General Location: US 41 | | | | |
| Truck No.: | D-3/T-2 | Coordinate Unit of Measure: US Survey Feet | | | | | | | | | | | | |
| Utility Type | | Utility Material | | | | Identified By: | | | | Abbreviations | | Offset Measured From: | | |
| BE = Buried Electrical | RW = Reclaimed Water | AC = Transite | FIBG = Fiberglass | HUB = Survey Hub | N/A = Not Applicable | EP = Edge of Pavement | | | | | | | | |
| GM = Gas Main | SL = Street Light | CI = Cast Iron | HDPE = High Density Polyethylene Pipe | IRC = Iron Rod & Cap "ECHO TEST HOLE" | NAD = North American Datum | BC = Back of Curb | | | | | | | | |
| BT = Buried Telephone | TS = Traffic Signal | CP = Concrete Pipe | PE = Polyethylene Pipe | NL = Nail & Disk "ECHO TEST HOLE" | Datum | BL = Baseline of Survey | | | | | | | | |
| FOC = Fiber Optic Cable | FL = Fuel Line | DBC = Direct Buried Cable | PVC = Polyvinyl Chloride | SLEEVE = Sleeve | NAVD = North American Vertical Datum | COORD = Survey Coordinates | | | | | | | | |
| WM = Water Main | GS = Gas Service | CMP = Corrugated Metal Pipe | STL = Steel | X = "X" in Concrete | Vertical Datum | CL = Centerline | | | | | | | | |
| SAN = Sanitary Sewer | WS = Water Service | CONC = Concrete | VCP = Vitrified Clay Pipe | Surface Type | | HUB = Survey Hub | | | | | | | | |
| STM = Storm Sewer | UNK = Unknown Utility | CPP = Corrugated Plastic Pipe | PCCP = Prestressed Cylinder Concrete Pipe | ASPH = Asphalt | COT = City of Tampa | RW = Right of Way | | | | | | | | |
| CATV = Cable Television | BED = Buried Electrical Duct | DCT = Duct | Pipe | CONC = Concrete | | ST = Swing Ties | | | | | | | | |
| FM = Force Main | BTD = Buried Telephone Duct | DIP = Ductile Iron Pipe | RCP = Reinforced Concrete Pipe | NG = Natural Ground | | X = "X" in Concrete | | | | | | | | |
| Test Hole | Utility Type | Utility Material | Utility Size Outside Diameter inches | Utility Manual Depth feet | Cross Sectional View | Utility Direction | Identified By | Surface Type | Surface Thickness inches | Apparent Utility Owner | Datums: | | Ground Elevation | Utility Elevation |
| | | | | | | | | | | | Horizontal: NAD83/11 | Vertical: NAVD88 | | |
| 1-18 | BT | PVC | 2 - 4" | 3.82' | | ↕ | IRC | NG | N/A | FRONTIER | 1303091.15' | 526425.13' | 7.04' | 3.22' |
| 1-19 | FOC/BT | PVC | 4" | 2.54' | | ↕ | IRC | NG | N/A | FRONTIER | 1303091.17' | 526425.73' | 6.99' | 4.45' |
| 1-20 | BT | LEAD | 2 - 2" | 3.00' | | ↕ | IRC | NG | N/A | FRONTIER | 1303091.09' | 526427.92' | 6.86' | 3.86' |
| 1-21 | FOC | UNK | 12 - 1.5" | 9.22' | | ↕ | IRC | NG | N/A | FRONTIER | 1303091.01' | 526430.76' | 6.58' | -2.64' |
| 1-22 | BT | LEAD | 2 - 2" | 2.00' | | ↕ | IRC | NG | N/A | FRONTIER | 1303695.15' | 526432.46' | 6.77' | 4.77' |
| 1-23 | BT | PVC | 2 - 4" | 2.76' | | ↕ | IRC | NG | N/A | FRONTIER | 1303695.20' | 526433.46' | 6.70' | 3.94' |
| 1-24 | BT | LEAD | 2 - 2" | 2.74' | | ↕ | IRC | NG | N/A | FRONTIER | 1304500.45' | 526435.53' | 7.28' | 4.54' |
| Notes: 1-21 - Unable to visually verify size and material due to depth and groundwater. Possibly 12 - 1.5" polyethylene pipes. | | | | | | | | | | | | | | |
| | | | | | | | | | | | Prepared by: EE | | Date: 02/12/2019 | |
| | | | | | | | | | | | Checked by: AB | | Date: 02/12/2019 | |

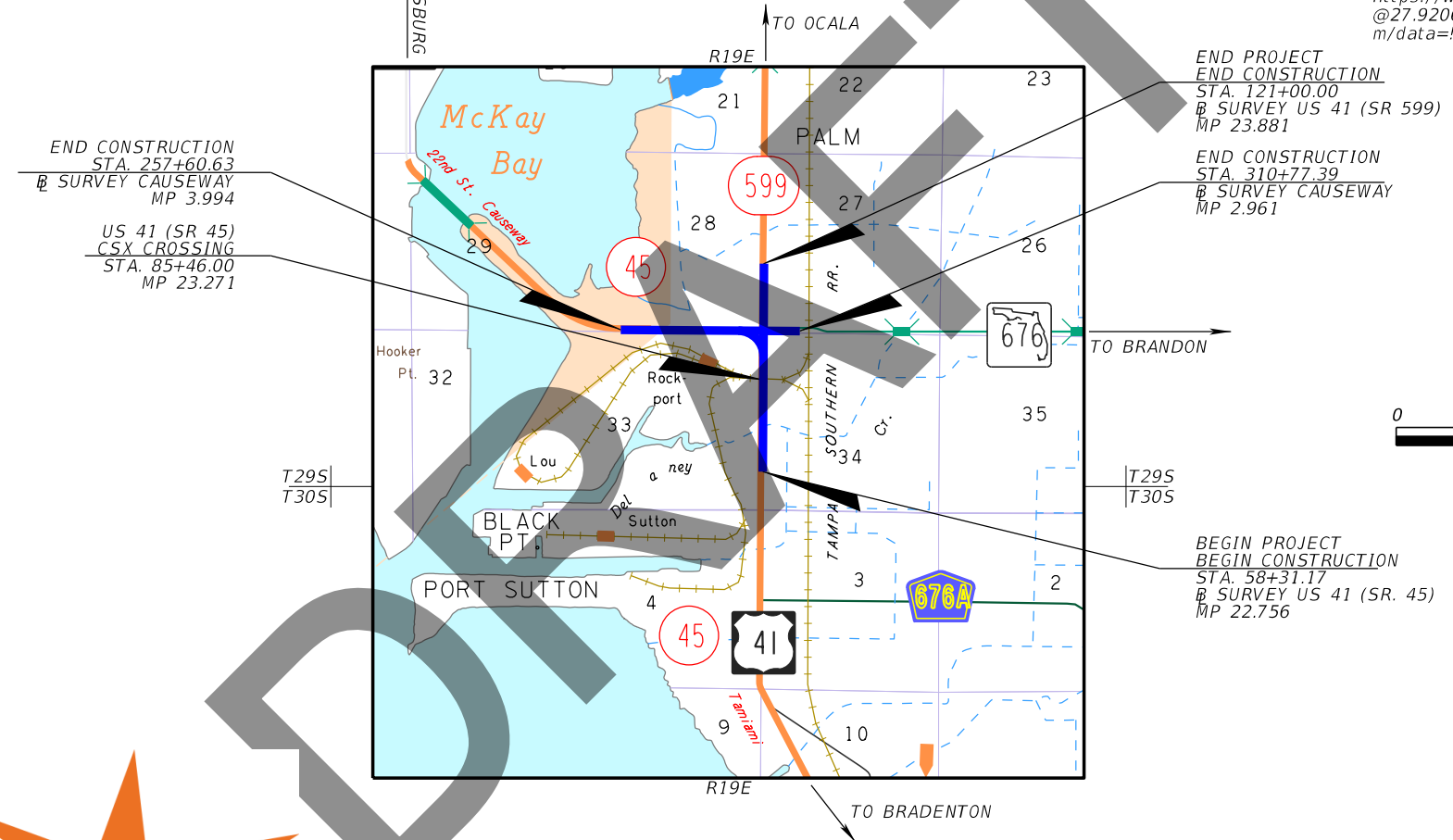
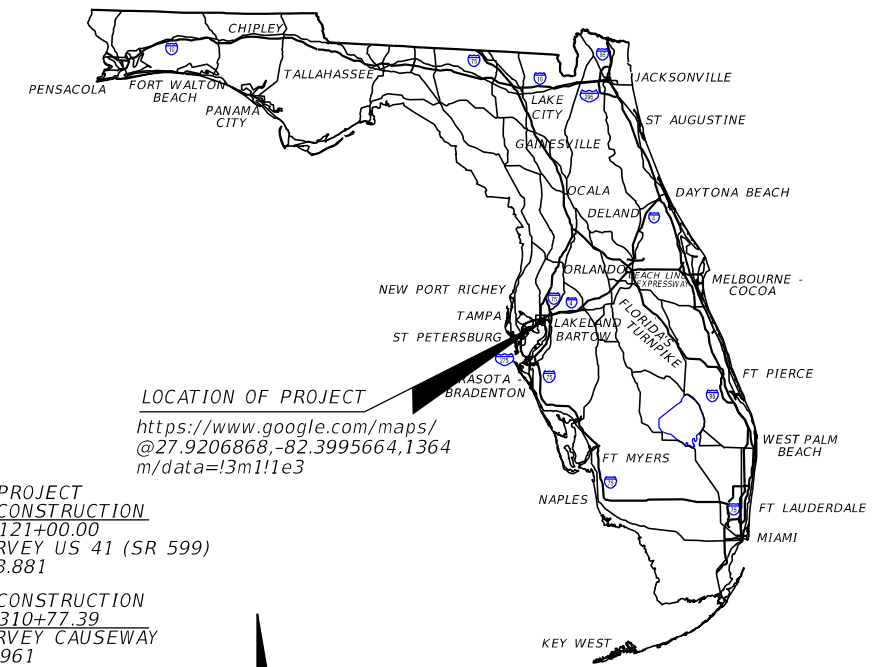
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|-----------|-------------|------|-------------|---|--|----------------|----------------------|--------------------------|-----------|
| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (21) | SHEET NO. |
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | | |

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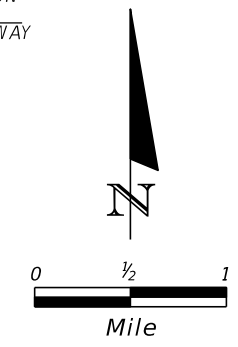
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 440749-1-52-01
(FEDERAL FUNDS)
HILLSBOROUGH COUNTY (10002)
STATE ROAD NO. US41



LOCATION OF PROJECT
<https://www.google.com/maps/@27.9206868,-82.3995664,1364m/data=!3m1!1e3>



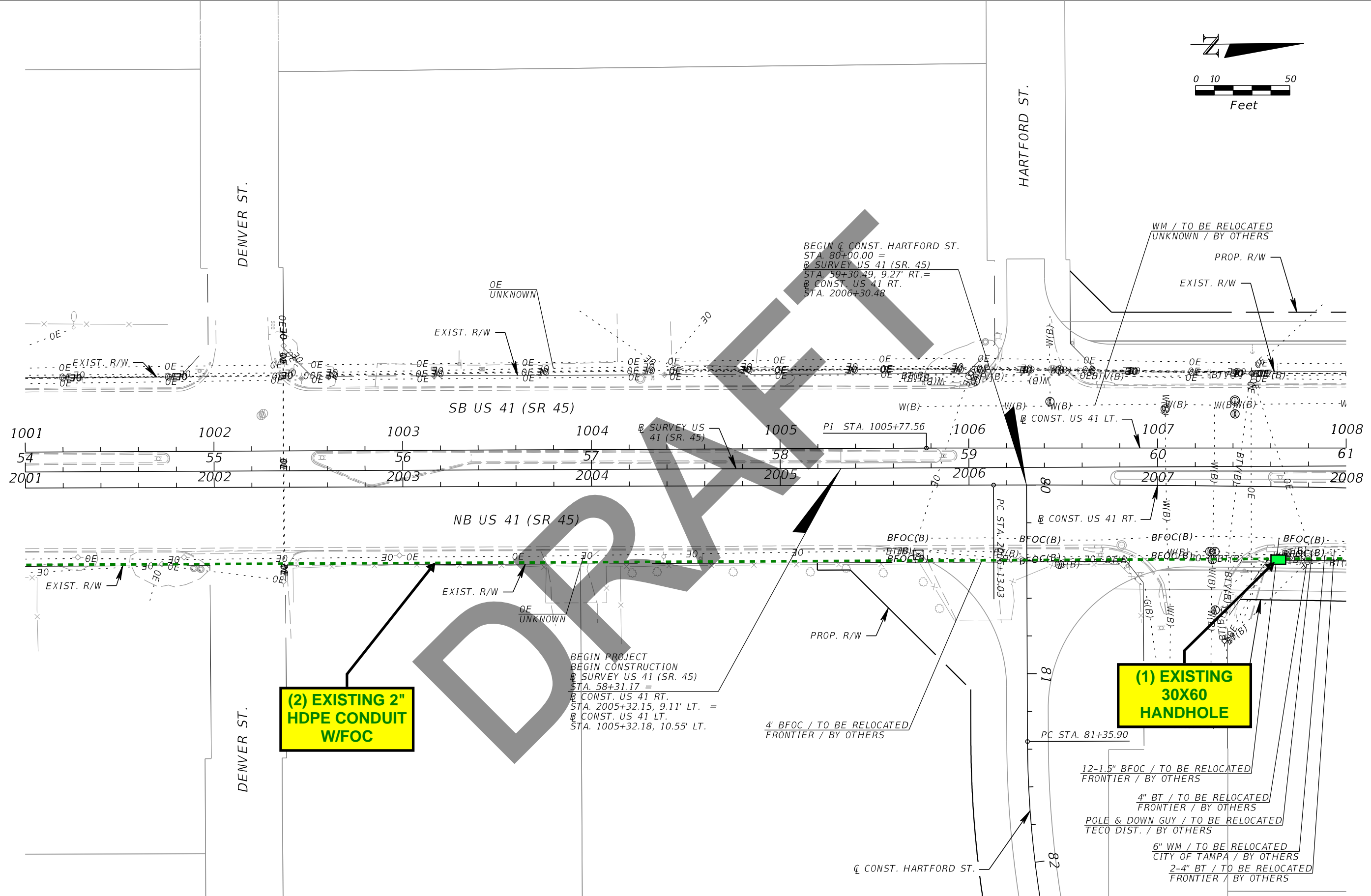
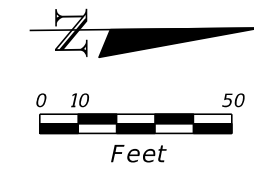
verizon
7701 E Telecom Pkwy
Temple Terrace, FL 33637
MCI RGB BY ANDY COLE
ANDREW.COLE2@VERIZON.COM
CELL: 813-847-4037

ROADWAY PLANS
ENGINEER OF RECORD:
BRANAN R. ANDERSON, P.E. NO.: 78438
KISINGER CAMPO AND ASSOCIATES CORP.
CONSULTING ENGINEERS & PLANNERS
201 N. FRANKLIN STREET, SUITE 400
TAMPA, FLORIDA 33602
(813) 871-5331
VENDOR NUMBER.: F59-1677145

FDOT PROJECT MANAGER:
TIM O'BRIEN P.E.



| CONSTRUCTION CONTRACT NO. | FISCAL YEAR | SHEET NO. |
|---------------------------|-------------|-----------|
| TBD | 21 | 1 |



(2) EXISTING 2" HDPE CONDUIT W/FOC

(1) EXISTING 30X60 HANDHOLE

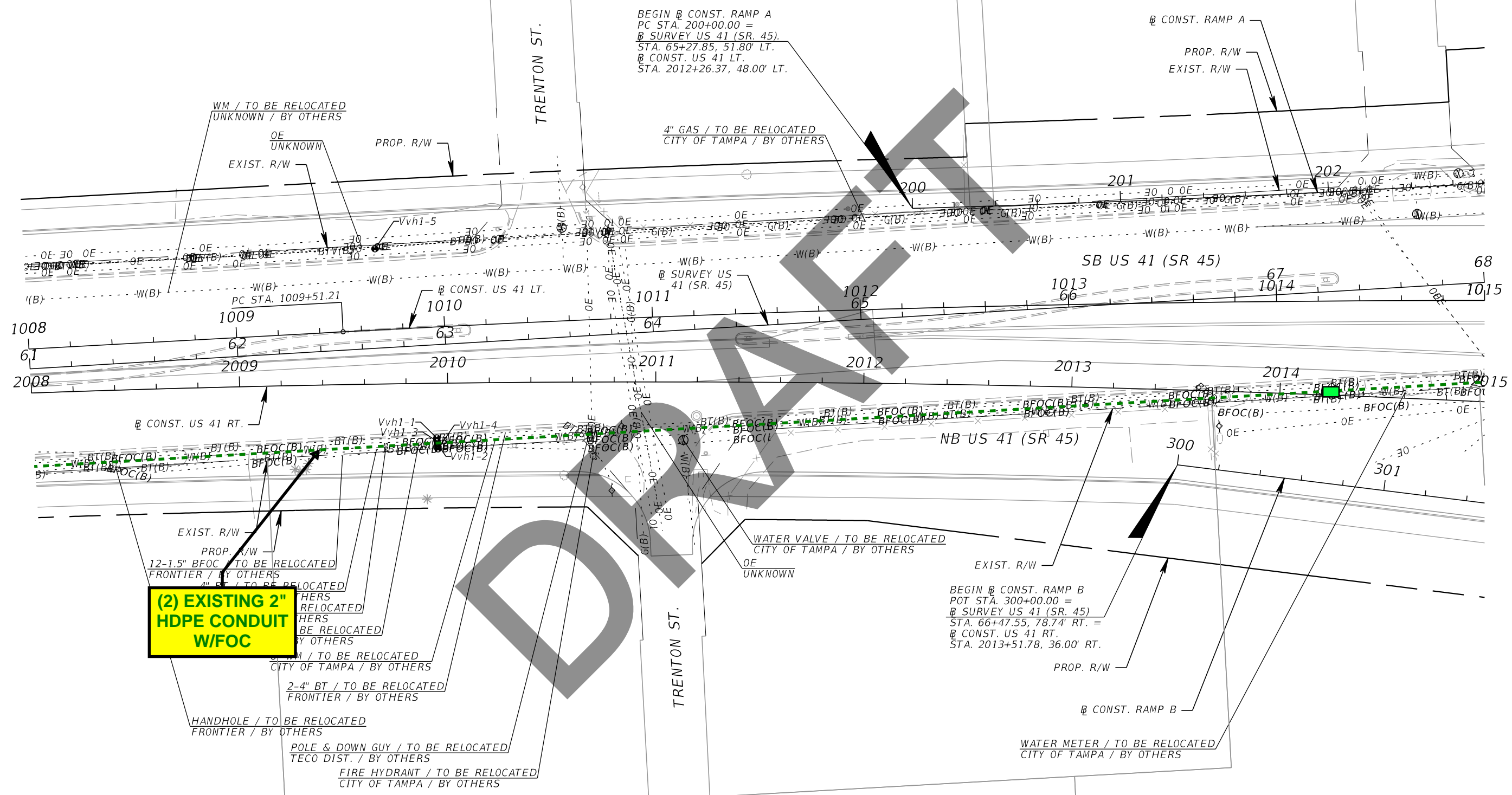
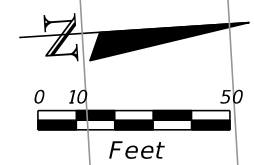
| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
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 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (1)

SHEET NO.



(2) EXISTING 2" HDPE CONDUIT W/FOC

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |
| | | | |

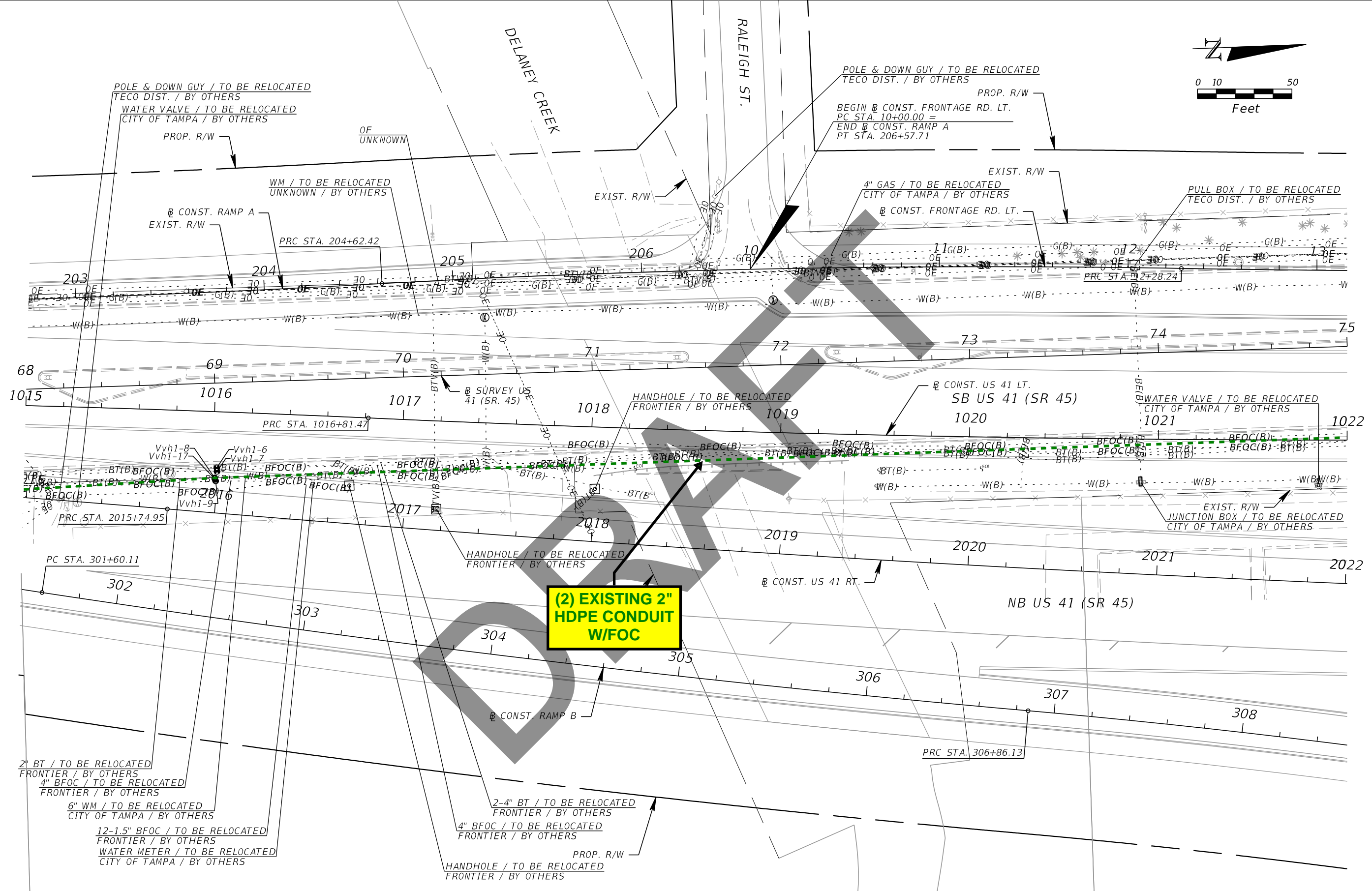
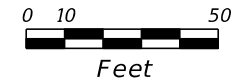
Kisinger Campo & Associates Corp.
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 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (2)

SHEET NO.

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(2) EXISTING 2" HDPE CONDUIT W/FOC

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |
| | | | |

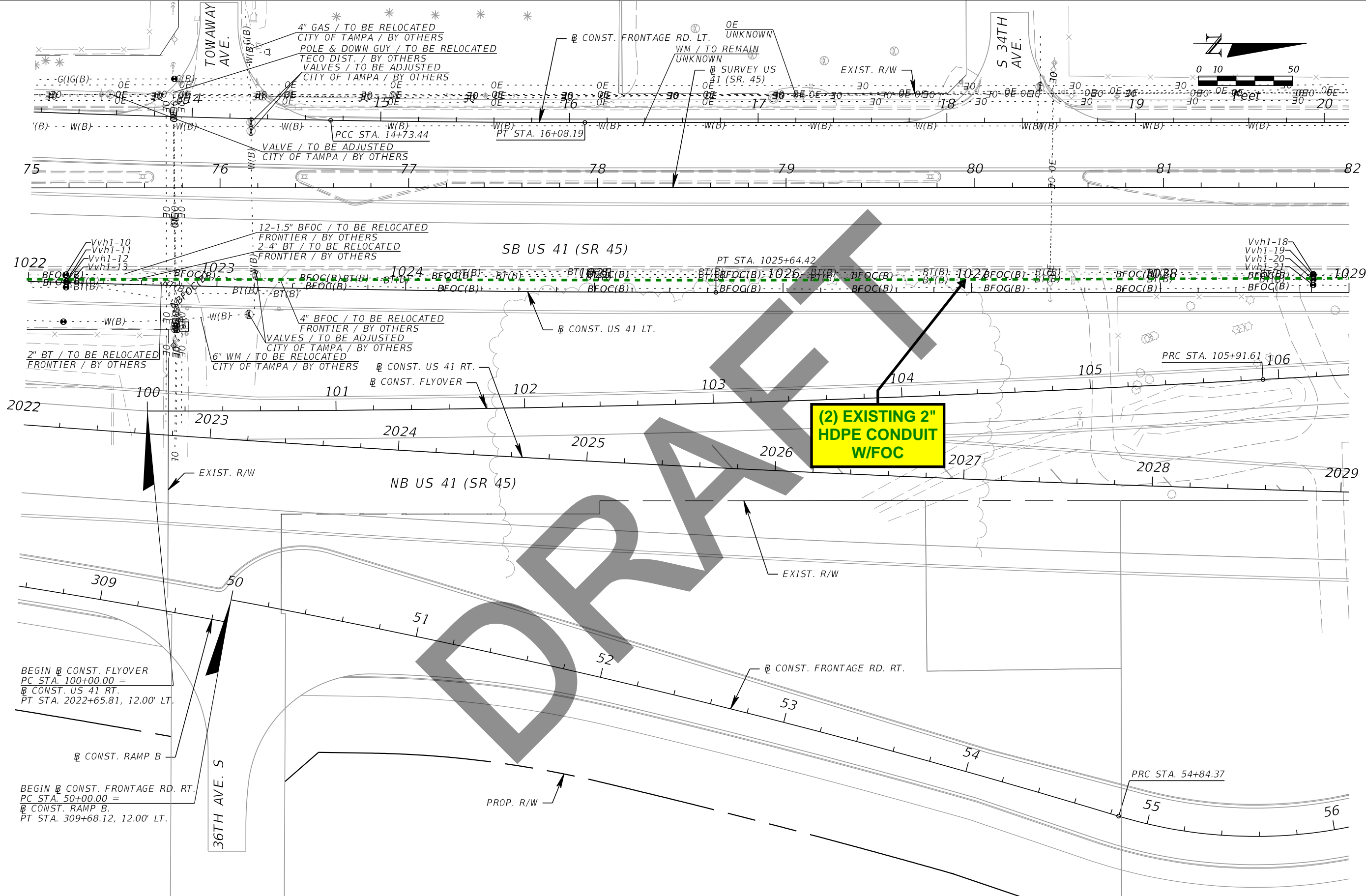
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (3)

SHEET NO.

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(2) EXISTING 2" HDPE CONDUIT W/FOC

DRAFT

BEGIN @ CONST. FLYOVER
PC STA. 100+00.00 =
@ CONST. US 41 RT.
PT STA. 2022+65.81, 12.00' LT.

@ CONST. RAMP B

BEGIN @ CONST. FRONTAGE RD. RT.
PC STA. 50+00.00 =
@ CONST. RAMP B.
PT STA. 309+68.12, 12.00' LT.

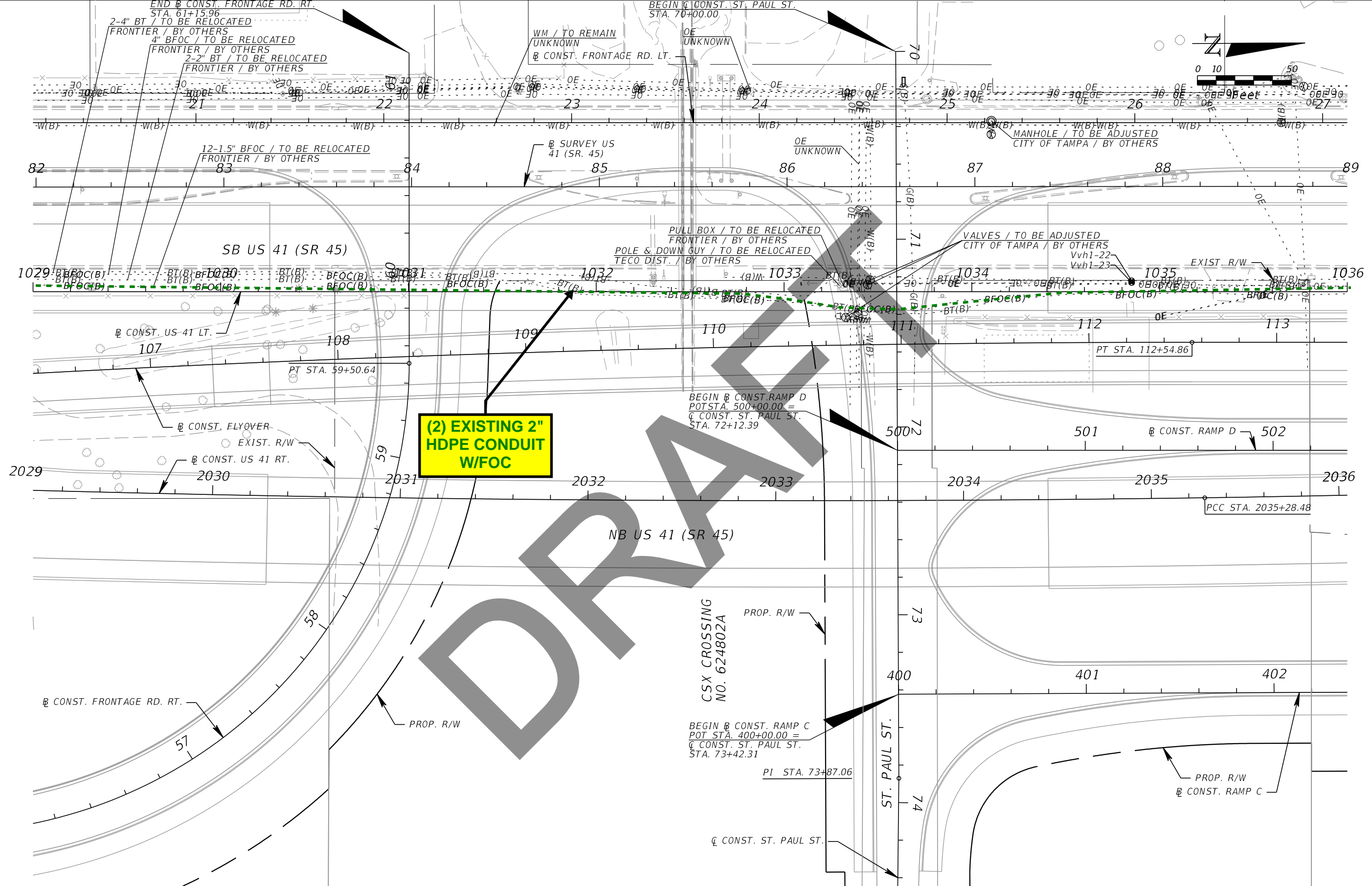
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|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

Kisinger Campo & Associates Corp.
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record: Branan R. Anderson, PE
P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (4)

SHEET NO.



(2) EXISTING 2" HDPE CONDUIT W/FOC

DRAWING



| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

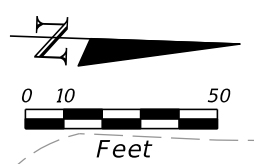
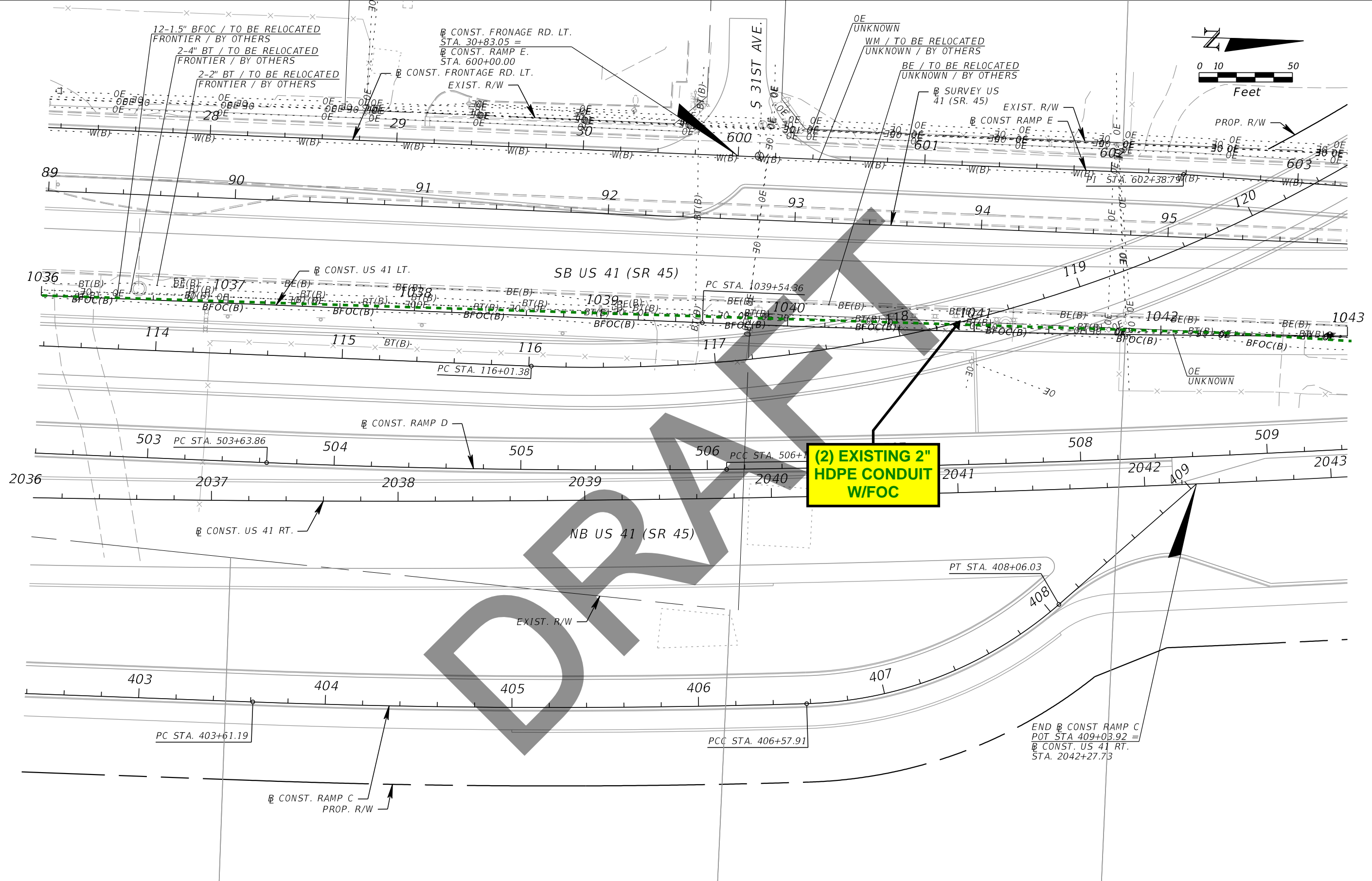
Kisinger Campo & Associates Corp.
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 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| | | |
|--|--------------|----------------------|
| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (5)

SHEET NO.

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| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

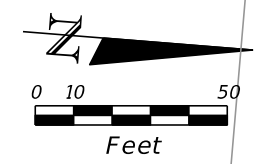
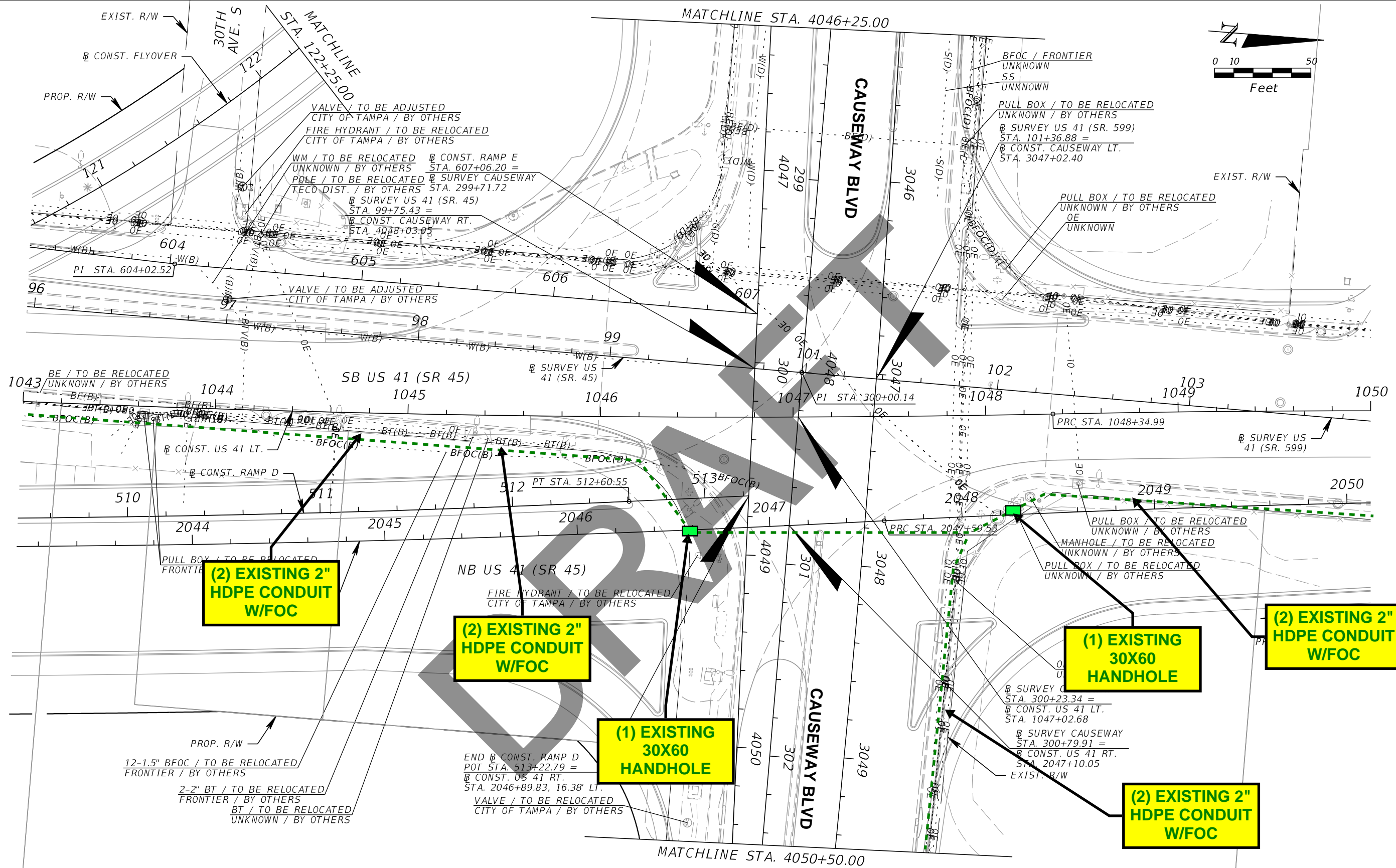
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

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|--|--------------|----------------------|
| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (6)

SHEET NO.

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(2) EXISTING 2" HDPE CONDUIT W/FOC

(2) EXISTING 2" HDPE CONDUIT W/FOC

(1) EXISTING 30X60 HANDHOLE

(1) EXISTING 30X60 HANDHOLE

(2) EXISTING 2" HDPE CONDUIT W/FOC

(2) EXISTING 2" HDPE CONDUIT W/FOC

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

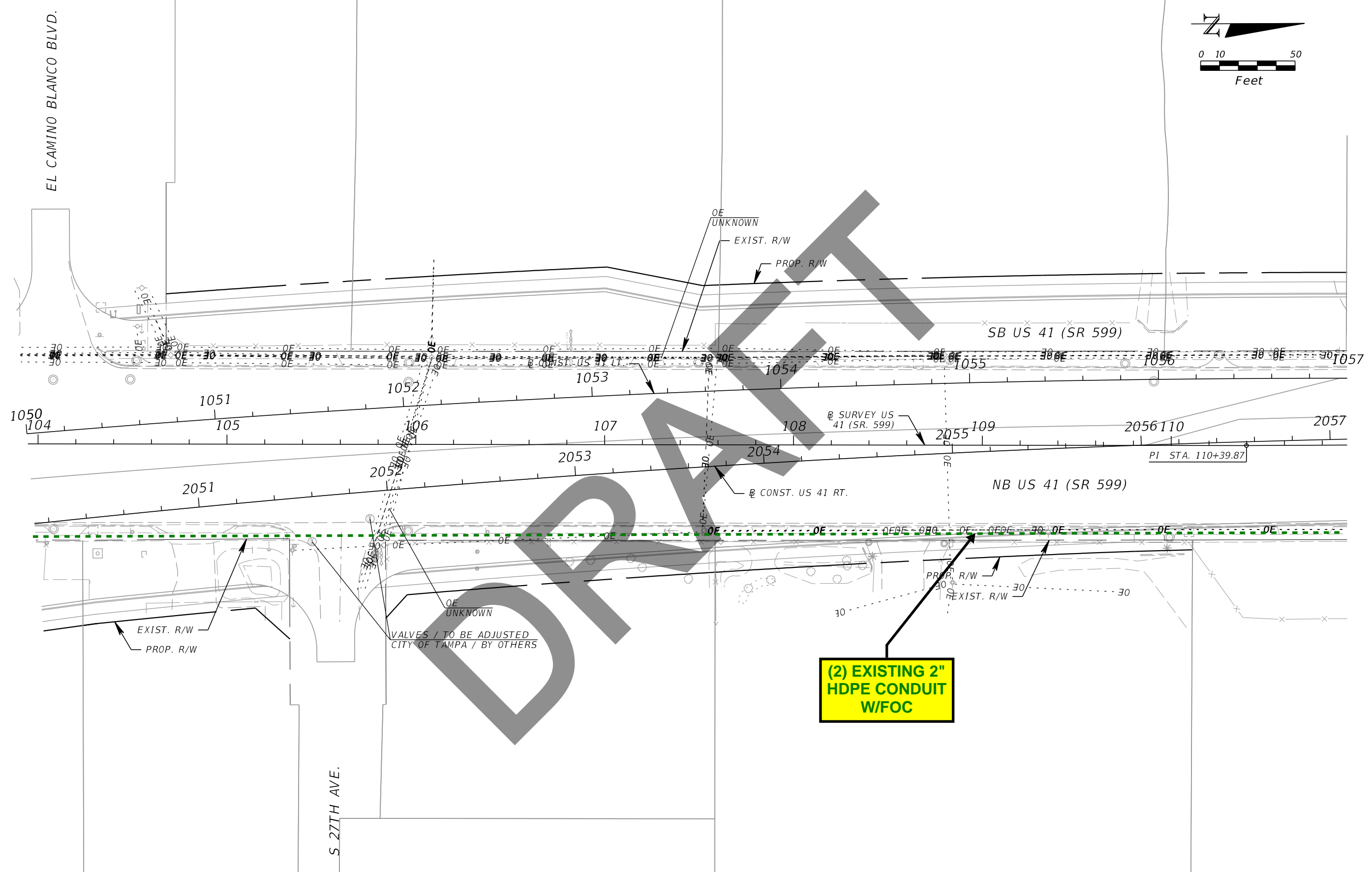
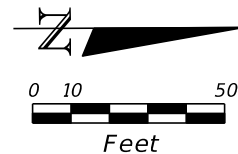
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (7)

SHEET NO.

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|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
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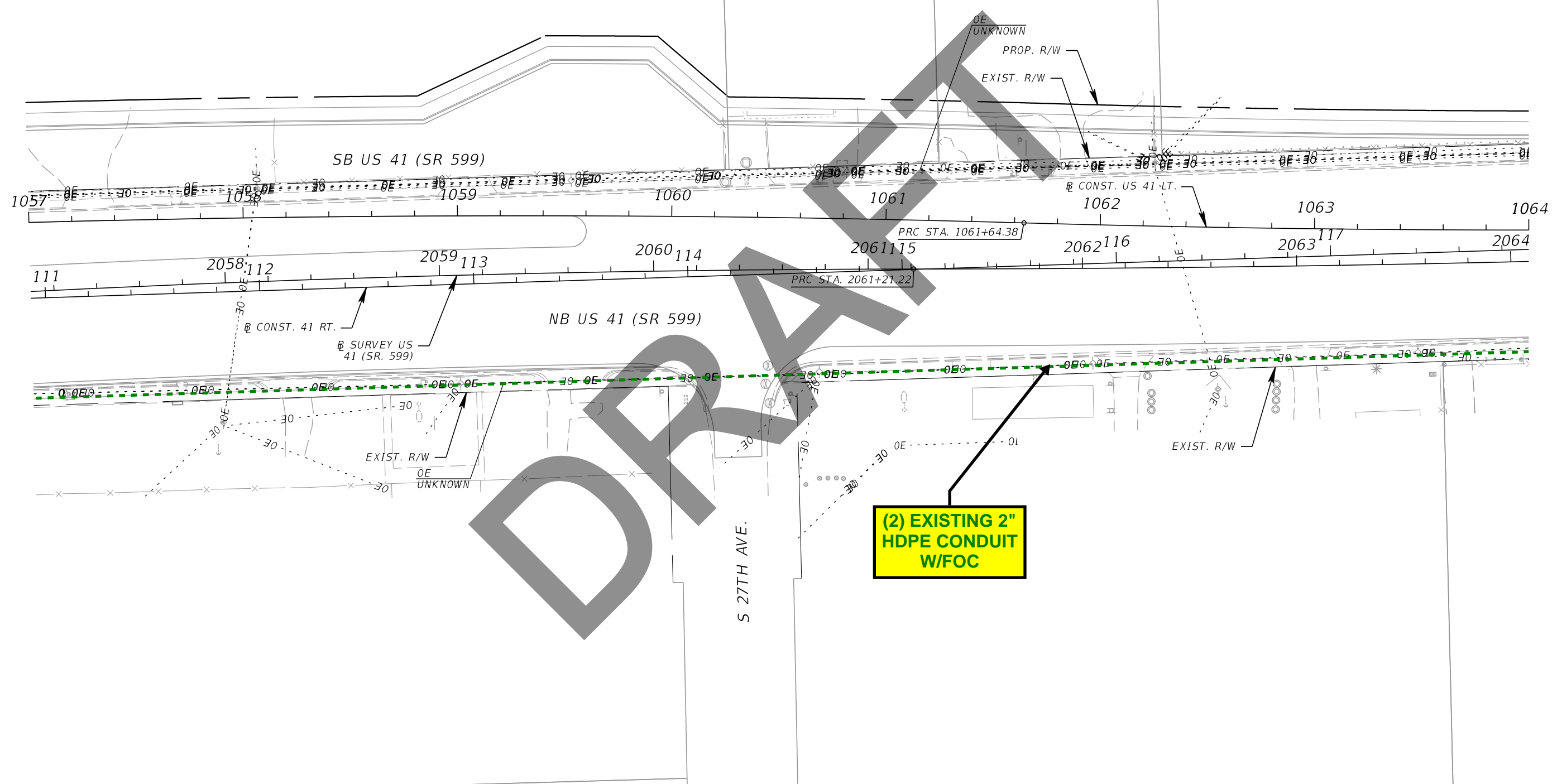
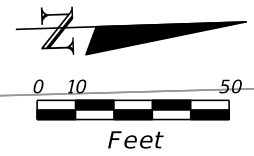
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
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 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (8)

SHEET NO.

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DRAFT

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

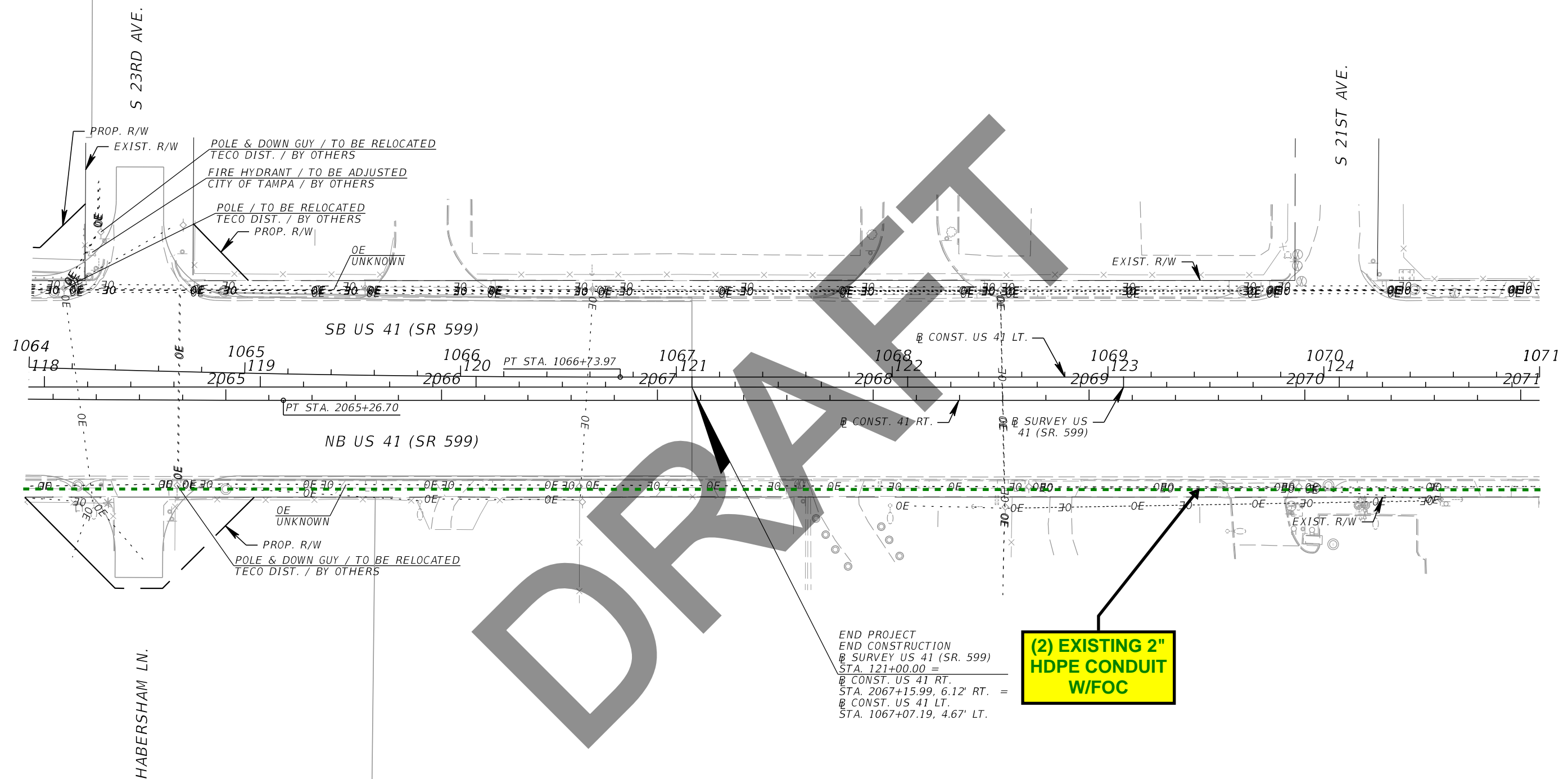
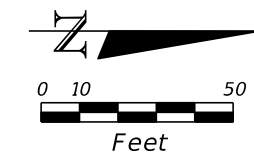
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| | | |
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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (9)

SHEET NO.

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



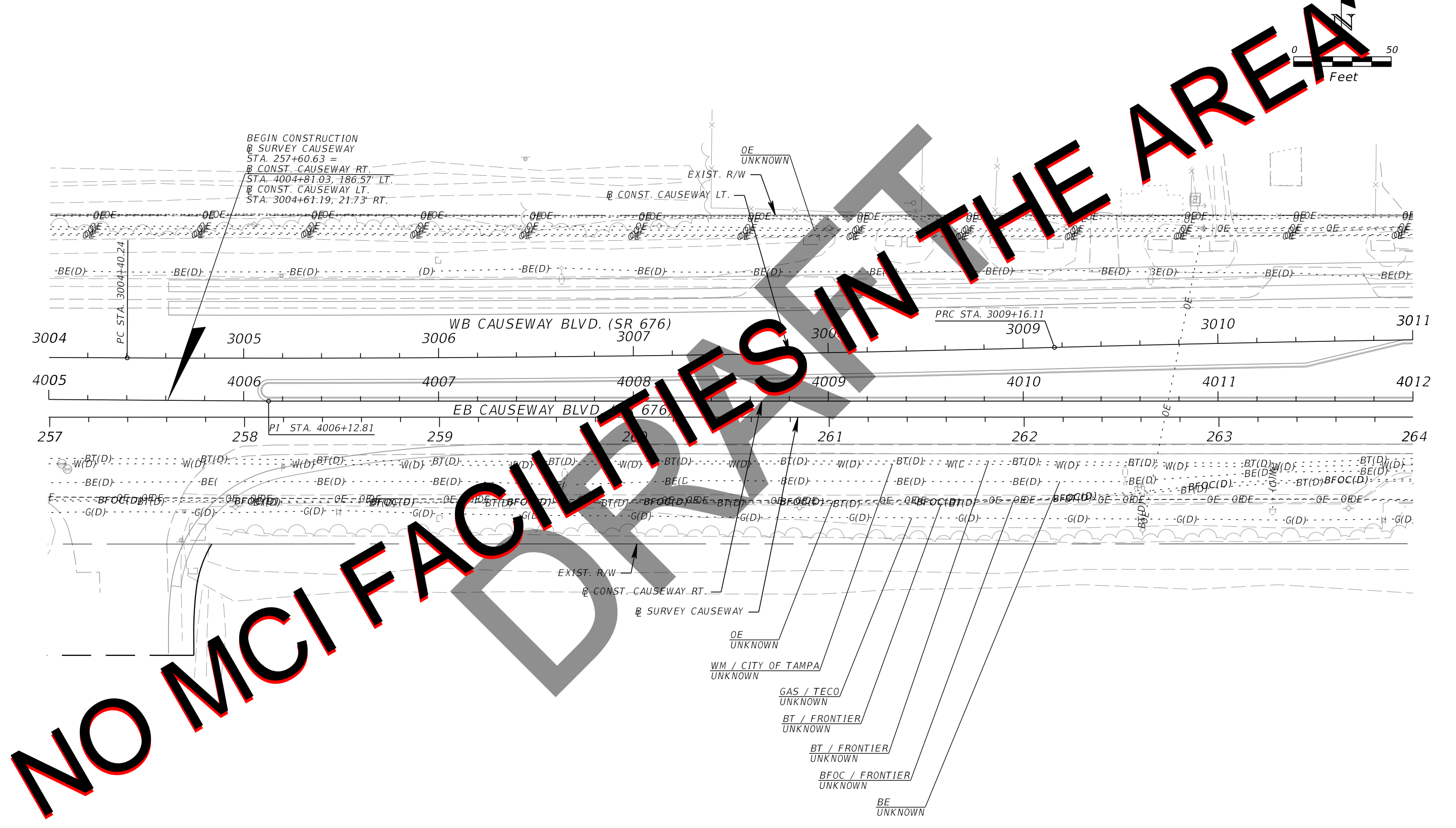
DRAFT

END PROJECT
 END CONSTRUCTION
 @ SURVEY US 41 (SR. 599)
 STA. 121+00.00 =
 @ CONST. US 41 RT.
 STA. 2067+15.99, 6.12' RT. =
 @ CONST. US 41 LT.
 STA. 1067+07.19, 4.67' LT.

(2) EXISTING 2"
 HDPE CONDUIT
 W/FOC

| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | <i>UTILITY ADJUSTMENTS (10)</i> | SHEET NO. |
|-----------|-------------|------|-------------|---|--|--------------|----------------------|---------------------------------|--------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

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NO MCI FACILITIES IN THE AREA

BEGIN CONSTRUCTION
 @ SURVEY CAUSEWAY
 STA. 257+60.63 =
 @ CONST. CAUSEWAY RT.
 STA. 4004+81.03, 186.57' LT.
 @ CONST. CAUSEWAY LT.
 STA. 3004+61.19, 21.73' RT.

WB CAUSEWAY BLVD. (SR 676)

EB CAUSEWAY BLVD. (SR 676)

EXIST. R/W

@ CONST. CAUSEWAY RT.

@ SURVEY CAUSEWAY

OE UNKNOWN

WM / CITY OF TAMPA UNKNOWN

GAS / TECO UNKNOWN

BT / FRONTIER UNKNOWN

BT / FRONTIER UNKNOWN

BFOC / FRONTIER UNKNOWN

BE UNKNOWN

PC STA. 3004+40.24

PI STA. 4006+12.81

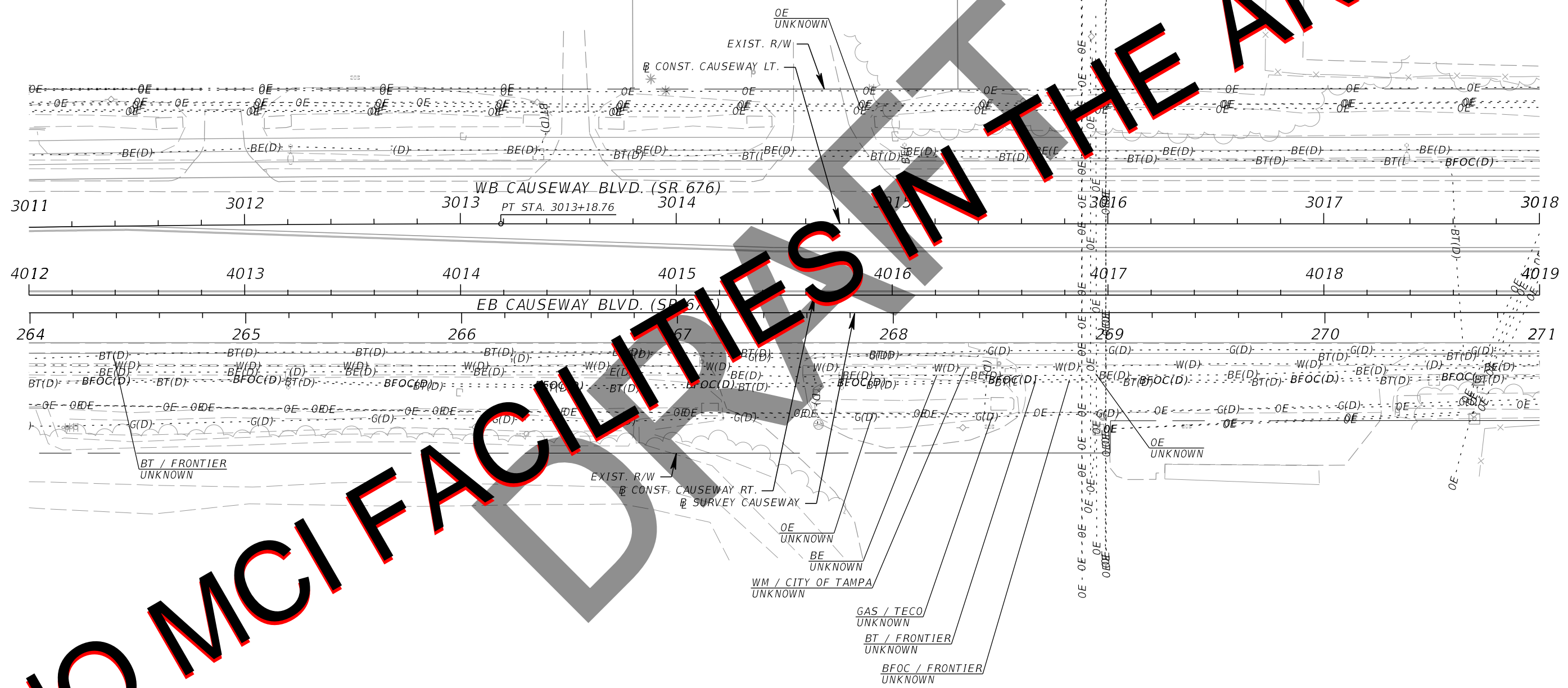
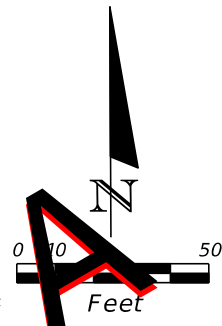
PRC STA. 3009+16.11

STATIONING: 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012
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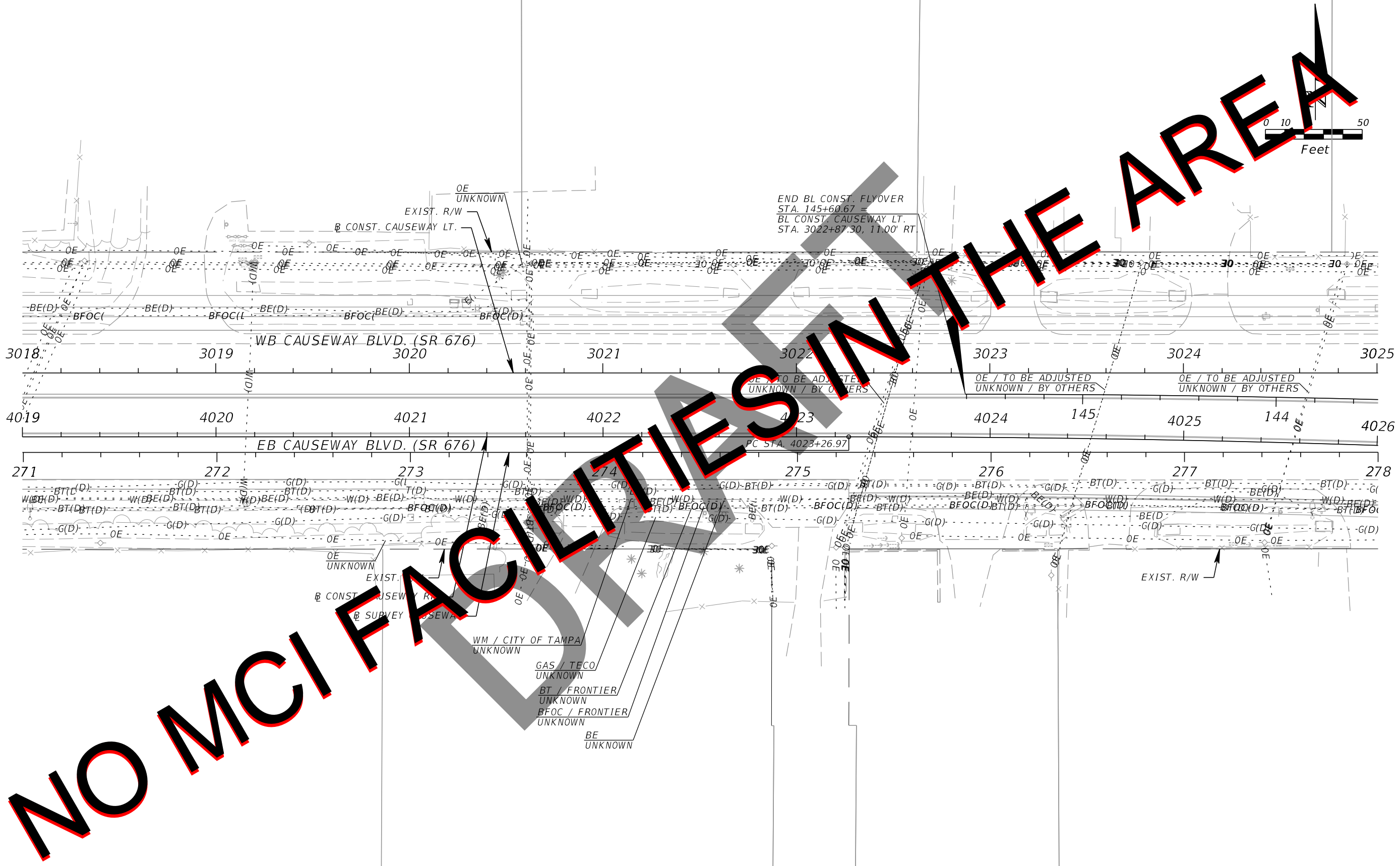
Utility labels: BE(D), BT(D), W(D), G(D), BFOC(D), OE, EXIST. R/W

| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (11) | SHEET NO. |
|-----------|-------------|------|-------------|---|--|--------------|----------------------|--------------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

NO MCI FACILITIES IN THE AREA



| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (12) | SHEET NO. |
|-----------|-------------|------|-------------|---|--|--------------|----------------------|---------------------------------|--------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |



NO MCI FACILITIES IN THE AREA

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
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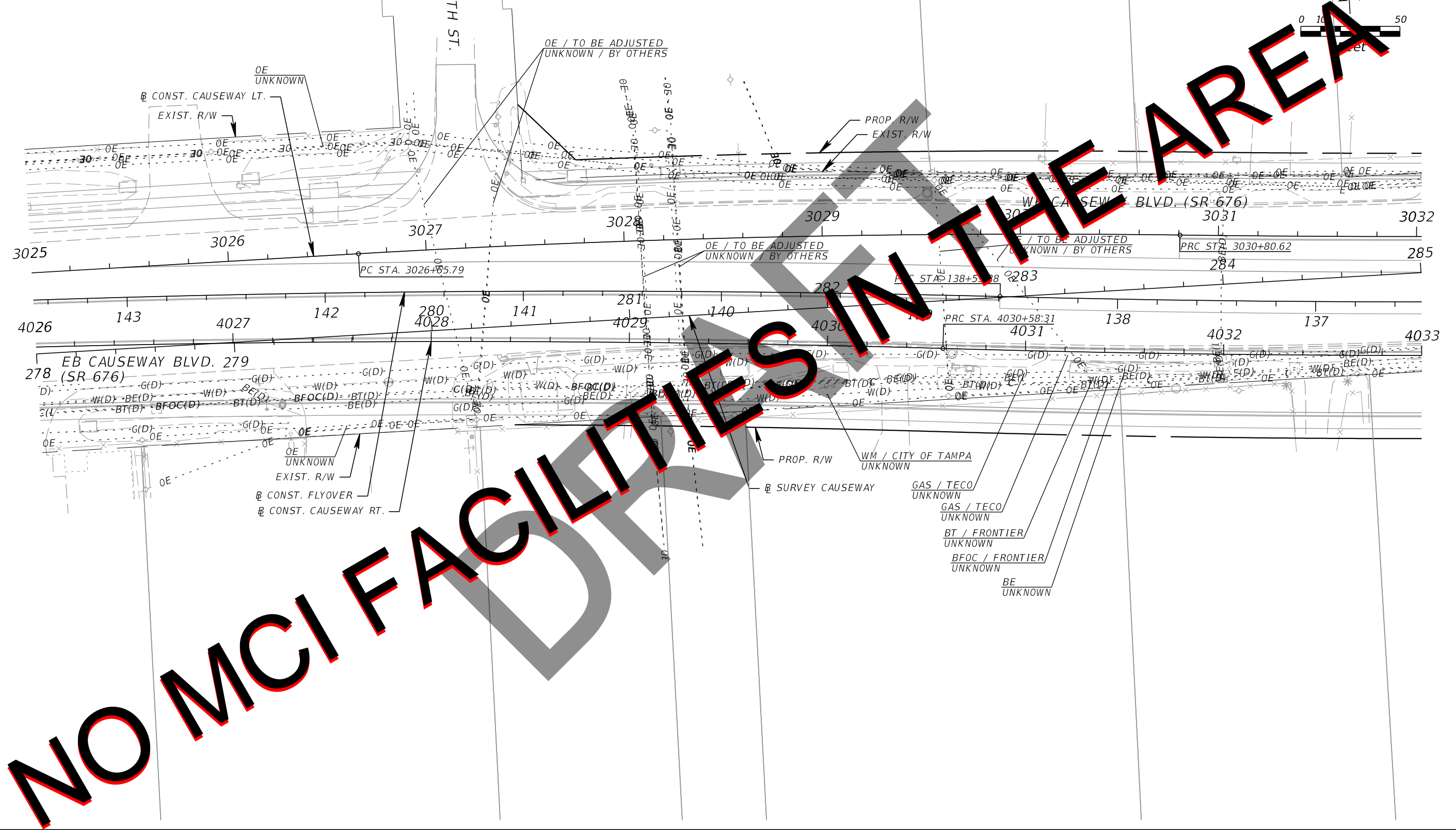
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (13)

SHEET
NO.

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NO MCI FACILITIES IN THE AREA

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

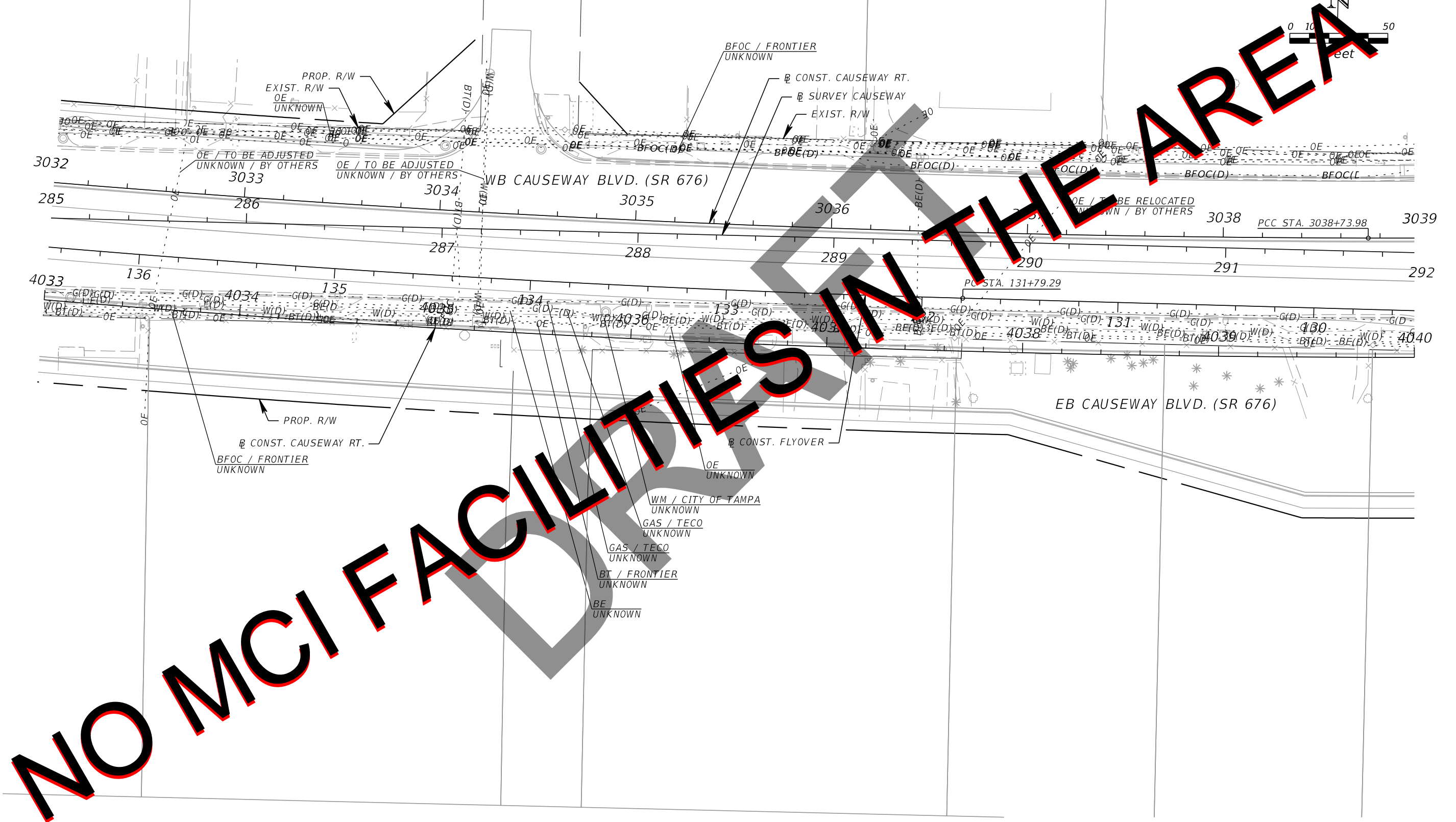
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| | | |
|--|--------------|----------------------|
| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (14)

SHEET NO.

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



NO MCI FACILITIES IN THE AREA

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

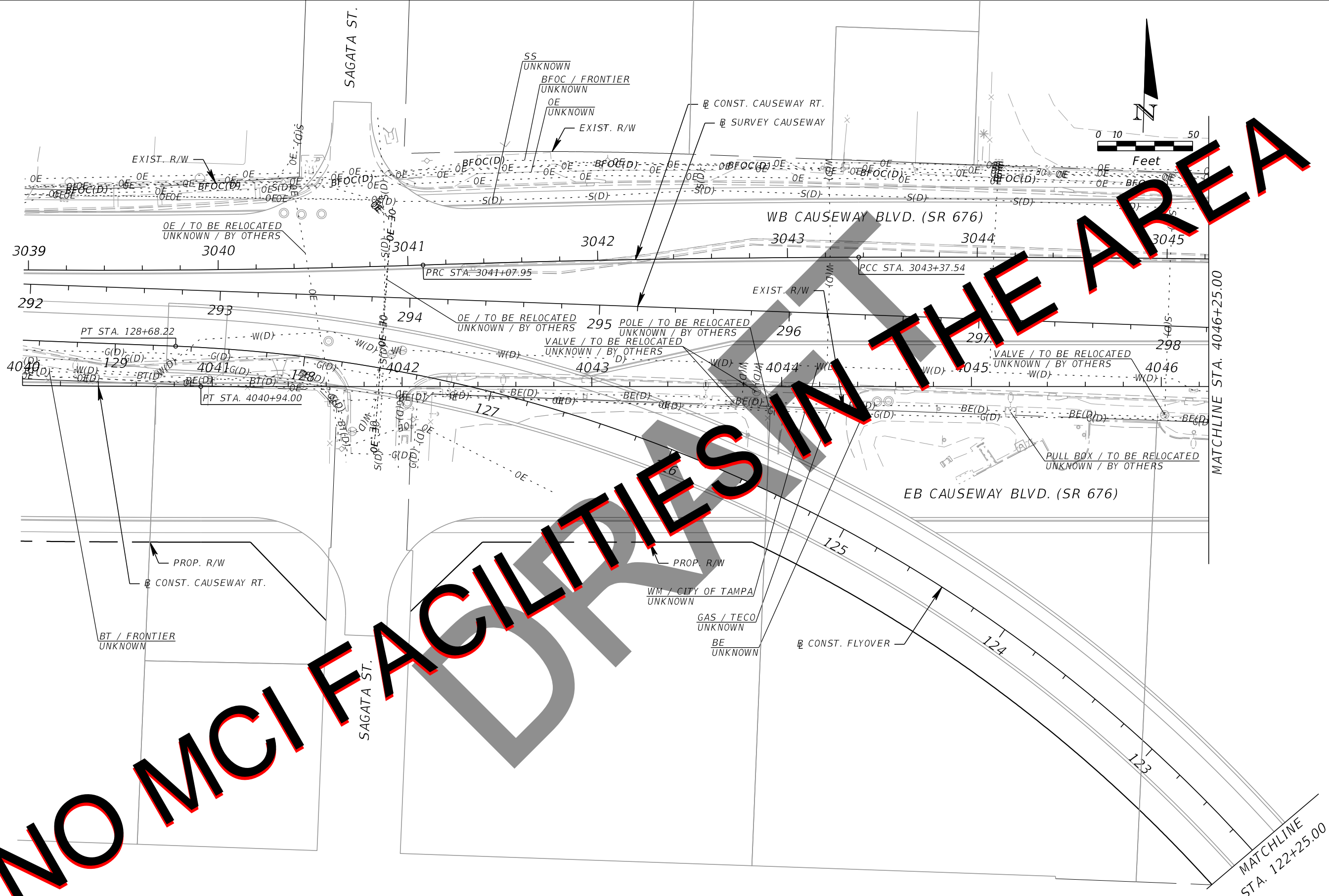
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| | | |
|--|--------------|----------------------|
| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (15)

SHEET NO.

NO MCI FACILITIES IN THE AREA



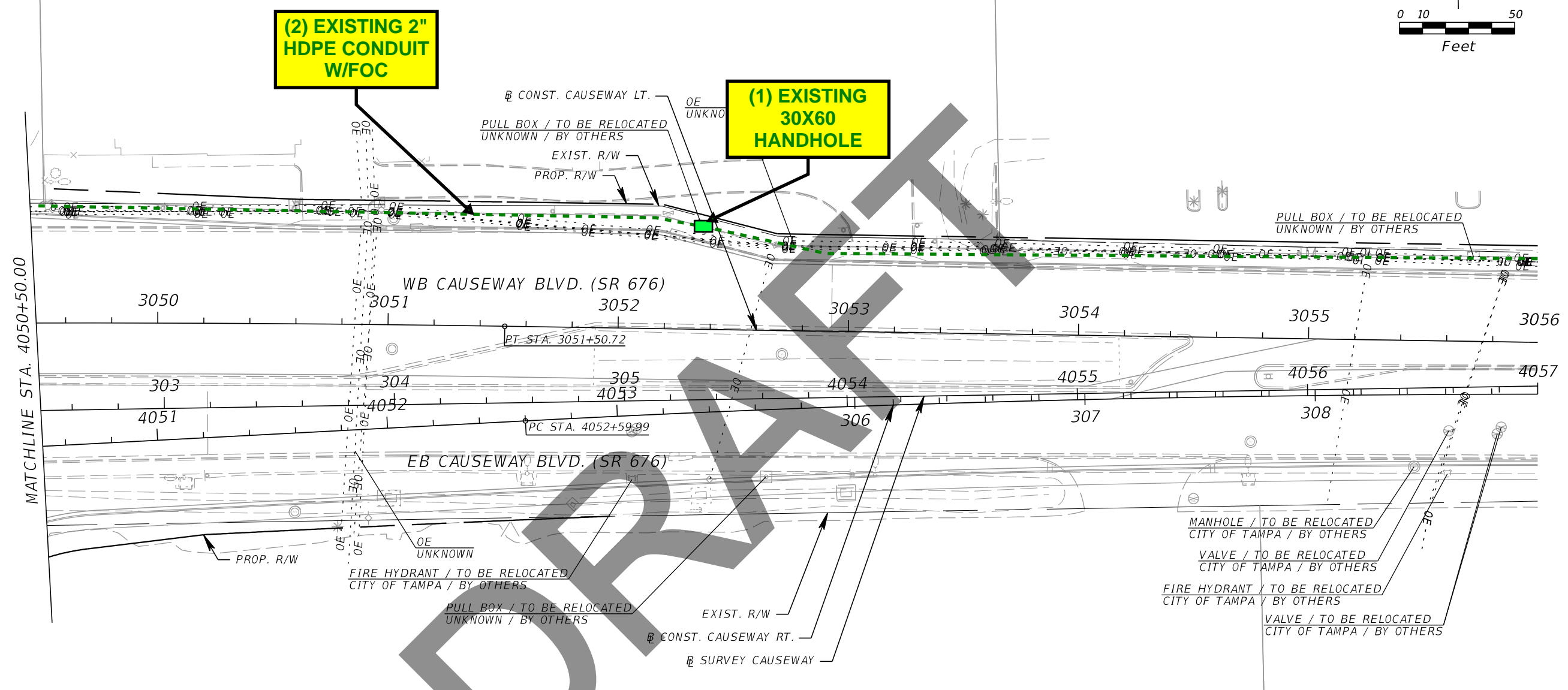
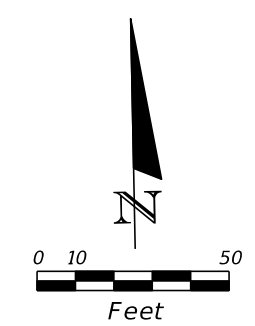
| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (16)

SHEET NO.



DRAFT

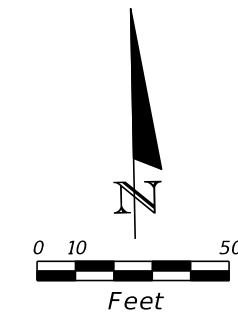
| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
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Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
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 P.E. No.: 78438

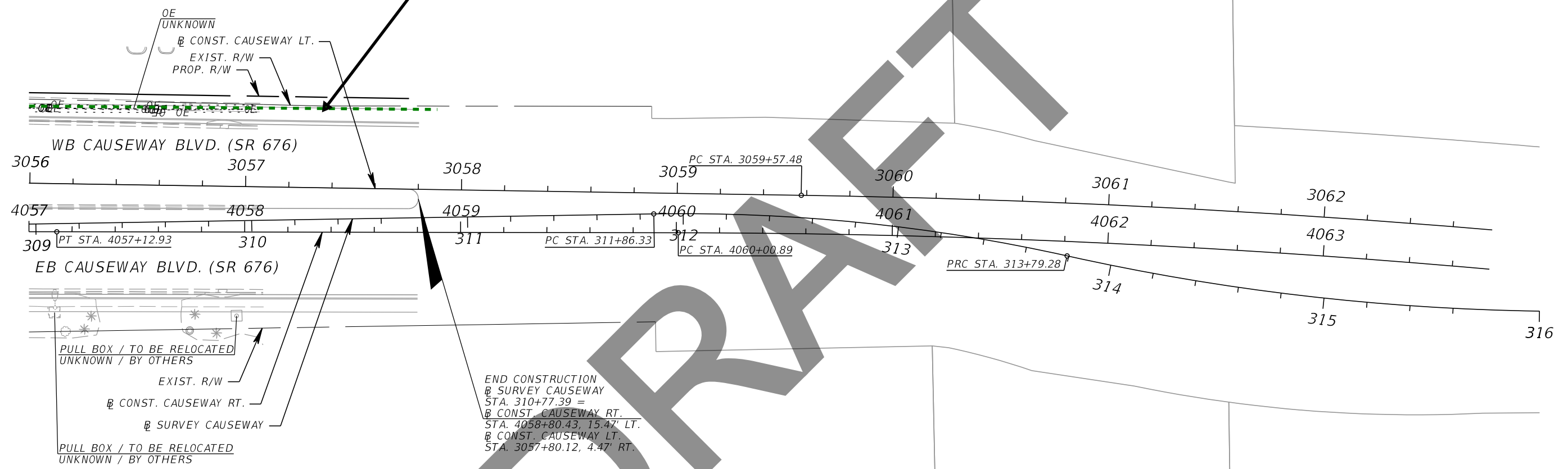
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|--|--------------|----------------------|
| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (17)

SHEET NO.



(2) EXISTING 2" HDPE CONDUIT W/FOC



| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| | | |
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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (18)

SHEET NO.

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

| Date: | 12/04/2018 | Test Hole Data Report | | | | | | | | Crew Members: DW, TG | | | | |
|--|------------------------------|--|---|---------------------------------------|--------------------------------------|----------------------------|---------------|--------------|--------------------------|---|----------------------------------|-----------------------|------------------|-------------------|
| ECHO Project #: | 18-252 | 16514 N. Dale Mabry Hwy. Tampa, Florida 33618 | | | | | | | | ECHO UES, Inc. www.echoues.com 888.778.ECHO | | | | |
| Financial Project #: | N/A | 1511 E. SR434, Ste. 2001, #252 Winter Springs, Florida 32708 | | | | | | | | City, State: Tampa, Florida | | | | |
| Truck No.: | D-3/T-2 | UTILITY ENGINEERING & SURVEY - GROW, INSPIRE, MAKE A DIFFERENCE - | | | | | | | | General Location: US 41 | | | | |
| Utility Type | | Utility Material | | | | Identified By: | | | | Abbreviations | | Offset Measured From: | | |
| BE = Buried Electrical | RW = Reclaimed Water | AC = Transite | FIBG = Fiberglass | HUB = Survey Hub | N/A = Not Applicable | EP = Edge of Pavement | | | | | | | | |
| GM = Gas Main | SL = Street Light | CI = Cast Iron | HDPE = High Density Polyethylene Pipe | IRC = Iron Rod & Cap "ECHO TEST HOLE" | NAD = North American Datum | BC = Back of Curb | | | | | | | | |
| BT = Buried Telephone | TS = Traffic Signal | CP = Concrete Pipe | PE = Polyethylene Pipe | NL = Nail & Disk "ECHO TEST HOLE" | Datum | BL = Baseline of Survey | | | | | | | | |
| FOC = Fiber Optic Cable | FL = Fuel Line | DBC = Direct Buried Cable | PVC = Polyvinyl Chloride | SLEEVE = Sleeve | NAVD = North American Vertical Datum | COORD = Survey Coordinates | | | | | | | | |
| WM = Water Main | GS = Gas Service | CMP = Corrugated Metal Pipe | STL = Steel | X = "X" in Concrete | Vertical Datum | CL = Centerline | | | | | | | | |
| SAN = Sanitary Sewer | WS = Water Service | CONC = Concrete | VCP = Vitrified Clay Pipe | Surface Type | | HUB = Survey Hub | | | | | | | | |
| STM = Storm Sewer | UNK = Unknown Utility | CPP = Corrugated Plastic Pipe | PCCP = Prestressed Cylinder Concrete Pipe | ASPH = Asphalt | COT = City of Tampa | RW = Right of Way | | | | | | | | |
| CATV = Cable Television | BED = Buried Electrical Duct | DCT = Duct | Pipe | CONC = Concrete | | ST = Swing Ties | | | | | | | | |
| FM = Force Main | BTD = Buried Telephone Duct | DIP = Ductile Iron Pipe | RCP = Reinforced Concrete Pipe | NG = Natural Ground | | X = "X" in Concrete | | | | | | | | |
| Test Hole | Utility Type | Utility Material | Utility Size Outside Diameter inches | Utility Manual Depth feet | Cross Sectional View | Utility Direction | Identified By | Surface Type | Surface Thickness inches | Apparent Utility Owner | Datums: | | Ground Elevation | Utility Elevation |
| | | | | | | | | | | | Horizontal: NAD83/11 | Vertical: NAVD88 | | |
| 1-1 | BT | PVC | 2 - 4" | 3.26' | | ↕ | IRC | NG | N/A | FRONTIER | 1301204.90' | 526413.67' | 7.51' | 4.25' |
| 1-2 | WM | CI | 6" | 3.30' | | ↕ | IRC | NG | N/A | COT | 1301205.19' | 526416.74' | 7.48' | 4.18' |
| 1-3 | FOC/BT | PVC | 4" | 2.47' | | ↕ | IRC | NG | N/A | FRONTIER | 1301204.95' | 526415.25' | 7.48' | 5.01' |
| 1-4 | FOC | PE | 12 - 1.5" | 8.80' | | ↕ | IRC | NG | N/A | FRONTIER | 1301205.12' | 526418.96' | 7.36' | -1.44' |
| 1-5 | CATV | PVC | 2 - 2" | 5.54' | | ↕ | IRC | NG | N/A | SPECTRUM | 1301181.11' | 526321.06' | 6.85' | 1.31' |
| 1-6 | BT | PVC | 2 - 4" | 3.44' | | ↕ | IRC | NG | N/A | FRONTIER | 1301811.38' | 526417.02' | 6.84' | 3.40' |
| 1-7 | FOC/BT | PVC | 4" | 2.42' | | ↕ | IRC | NG | N/A | FRONTIER | 1301811.47' | 526418.97' | 6.84' | 4.42' |
| 1-8 | WM | UNK | UNK | 10.06' | | ↕ | IRC | NG | N/A | COT | 1301810.12' | 526422.34' | 6.83' | -3.23' |
| 1-9 | FOC/BT | PVC | 4" | 3.34' | | ↕ | IRC | NG | N/A | FRONTIER | 1301810.56' | 526424.00' | 6.49' | 3.15' |
| Notes: 1-8 - Unable to visually verify size and matterial due to depth and groundwater. Possible 6" cast iron. | | | | | | | | | | | | | | |
| | | | | | | | | | | | Prepared by: EE Date: 02/12/2019 | | | |
| | | | | | | | | | | | Checked by: AB Date: 02/12/2019 | | | |

| | | | | | | | | | |
|-----------|-------------|------|-------------|---|--|----------------|----------------------|--------------------------|-----------|
| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (19) | SHEET NO. |
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | | |

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

| Date: 12/05/2018 | | Test Hole Data Report | | | | | Crew Members: DW, TG | | | | | | | |
|---------------------------------|--------------|---|--------------------------------------|-------------------------------|---|---|---|---------------------------------------|------------------------------------|--------------------------------------|-------------|------------------------------|------------------|-------------------|
| ECHO Project #: 18-252 | | 16514 N. Dale Mabry Hwy. Tampa, Florida 33618 | | | ECHO UTILITY ENGINEERING & SURVEY | | ECHO UES, Inc. www.echoues.com 888.778.ECHO | | City, State: Tampa, Florida | | | | | |
| Financial Project #: N/A | | 1511 E. SR434, Ste. 2001, #252 Winter Springs, Florida 32708 | | | Utility Direction | | - GROW, INSPIRE, MAKE A DIFFERENCE - | | General Location: US 41 | | | | | |
| Truck No.: D-3/T-2 | | | | | | | Coordinate Unit of Measure: US Survey Feet | | | | | | | |
| Utility Type | | | | Utility Material | | | | Identified By: | | Abbreviations | | Offset Measured From: | | |
| BE = Buried Electrical | | RW = Reclaimed Water | | AC = Transit | | FIBG = Fiberglass | | HUB = Survey Hub | | N/A = Not Applicable | | EP= Edge of Pavement | | |
| GM = Gas Main | | SL = Street Light | | CI= Cast Iron | | HDPE = High Density Polyethylene Pipe | | IRC = Iron Rod & Cap "ECHO TEST HOLE" | | NAD = North American Datum | | BC = Back of Curb | | |
| BT = Buried Telephone | | TS = Traffic Signal | | CP = Concrete Pipe | | PE = Polyethylene Pipe | | NL = Nail & Disk "ECHO TEST HOLE" | | Datum | | BL = Baseline of Survey | | |
| FOC = Fiber Optic Cable | | FL = Fuel Line | | DBC = Direct Buried Cable | | PVC = Polyvinyl Chloride | | SLEEVE = Sleeve | | NAVD = North American Vertical Datum | | COORD = Survey Coordinates | | |
| WM = Water Main | | GS = Gas Service | | CMP = Corrugated Metal Pipe | | STL = Steel | | X = "X" in Concrete | | UNKN = Unknown | | HUB = Survey Hub | | |
| SAN = Sanitary Sewer | | WS = Water Service | | CONC = Concrete | | VCP = Vitrified Clay Pipe | | Surface Type | | COT = City of Tampa | | RW = Right of Way | | |
| STM = Storm Sewer | | UNK = Unknown Utility | | CPP = Corrugated Plastic Pipe | | PCCP = Prestressed Cylinder Concrete Pipe | | ASPH = Asphalt | | | | ST = Swing Ties | | |
| CATV = Cable Television | | BED = Buried Electrical Duct | | DCT = Duct | | | | CONC = Concrete | | | | | | |
| FM = Force Main | | BTD = Buried Telephone Duct | | DIP = Ductile Iron Pipe | | RCP = Reinforced Concrete Pipe | | NG = Natural Ground | | | | X = "X" in Concrete | | |
| Test Hole | Utility Type | Utility Material | Utility Size Outside Diameter inches | Utility Manual Depth feet | Cross Sectional View | Utility Direction | Identified By | Surface Type | Surface Thickness inches | Apparent Utility Owner | Datums: | | Ground Elevation | Utility Elevation |
| | | | | | | | | | | | Horizontal: | Vertical: | | |
| 1-10 | FOC | PE | 12 - 1.5" | 3.96' | | ↑ | IRC | NG | N/A | FRONTIER | 1302430.03' | 526421.52' | 6.62' | 2.66' |
| 1-11 | BT | PVC | 2 - 4" | 2.50' | | ↑ | IRC | NG | N/A | FRONTIER | 1302430.50' | 526424.77' | 6.68' | 4.18' |
| 1-12 | FOC/BT | PVC | 4" | 1.90' | | ↑ | IRC | NG | N/A | FRONTIER | 1302430.47' | 526425.15' | 6.69' | 4.79' |
| 1-13 | BT | DBC | 2" | 1.56' | | ↑ | IRC | NG | N/A | FRONTIER | 1302430.15' | 526428.11' | 6.81' | 5.25' |
| 1-14 | WM | DIP | 6" | 3.40' | | ↑ | IRC | NG | N/A | COT | 1302428.62' | 526446.38' | 8.20' | 4.80' |
| 1-15 | GM | STL | 4" | 3.00' | | ↑ | IRC | NG | N/A | COT | 1302488.18' | 526318.06' | 6.08' | 3.08' |
| 1-16 | BT | PVC | 4" | 3.50' | | ↑ | IRC | NG | N/A | FRONTIER | 1301205.22' | 526417.96' | 7.50' | 4.00' |
| 1-17 | BT | DBC | 2" | 3.00' | | ↑ | IRC | NG | N/A | FRONTIER | 1301810.09' | 526422.72' | 6.80' | 3.80' |

DRAFT

Notes:

Prepared by: EE Date: 02/12/2019

Checked by: AB Date: 02/12/2019

| | | | | | | | | | |
|------------------|-------------|------|-------------|---|--|--------------|----------------------|---------------------------------|-----------|
| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branán R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (20) | SHEET NO. |
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |
| | | | | | | | | | |

| Date: | 12/06/2018 | Test Hole Data Report | | | | | | | Crew Members: | | | DW, TG, MAJ | | | |
|--|------------------------------|---|---|---------------------------------------|--------------------------------------|----------------------------|---------------|--------------|--|------------------------|-----------------------|-----------------------------|------------------|-------------------|--------|
| ECHO Project #: | 18-252 | 16514 N. Dale Mabry Hwy. Tampa, Florida 33618 | | | | | | | ECHO UES, Inc. www.echoues.com 888.778.ECHO | | | City, State: | | Tampa, Florida | |
| Financial Project #: | N/A | 1511 E. SR434, Ste. 2001, #252 Winter Springs, Florida 32708 | | | | | | | UTILITY ENGINEERING & SURVEY - GROW, INSPIRE, MAKE A DIFFERENCE - | | | General Location: | | US 41 | |
| Truck No.: | D-3/T-2 | | | | | | | | | | | Coordinate Unit of Measure: | | US Survey Feet | |
| Utility Type | | Utility Material | | | | Identified By: | | | Abbreviations | | Offset Measured From: | | | | |
| BE = Buried Electrical | RW = Reclaimed Water | AC = Transite | FIBG = Fiberglass | HUB = Survey Hub | N/A = Not Applicable | EP = Edge of Pavement | | | | | | | | | |
| GM = Gas Main | SL = Street Light | CI = Cast Iron | HDPE = High Density Polyethylene Pipe | IRC = Iron Rod & Cap "ECHO TEST HOLE" | NAD = North American Datum | BC = Back of Curb | | | | | | | | | |
| BT = Buried Telephone | TS = Traffic Signal | CP = Concrete Pipe | PE = Polyethylene Pipe | NL = Nail & Disk "ECHO TEST HOLE" | Datum | BL = Baseline of Survey | | | | | | | | | |
| FOC = Fiber Optic Cable | FL = Fuel Line | DBC = Direct Buried Cable | PVC = Polyvinyl Chloride | SLEEVE = Sleeve | NAVD = North American Vertical Datum | COORD = Survey Coordinates | | | | | | | | | |
| WM = Water Main | GS = Gas Service | CMP = Corrugated Metal Pipe | STL = Steel | X = "X" in Concrete | Vertical Datum | CL = Centerline | | | | | | | | | |
| SAN = Sanitary Sewer | WS = Water Service | CONC = Concrete | VCP = Vitrified Clay Pipe | Surface Type | | HUB = Survey Hub | | | | | | | | | |
| STM = Storm Sewer | UNK = Unknown Utility | CPP = Corrugated Plastic Pipe | PCCP = Prestressed Cylinder Concrete Pipe | ASPH = Asphalt | COT = City of Tampa | RW = Right of Way | | | | | | | | | |
| CATV = Cable Television | BED = Buried Electrical Duct | DCT = Duct | Pipe | CONC = Concrete | | ST = Swing Ties | | | | | | | | | |
| FM = Force Main | BTD = Buried Telephone Duct | DIP = Ductile Iron Pipe | RCP = Reinforced Concrete Pipe | NG = Natural Ground | | X = "X" in Concrete | | | | | | | | | |
| Test Hole | Utility Type | Utility Material | Utility Size Outside Diameter inches | Utility Manual Depth feet | Cross Sectional View | Utility Direction | Identified By | Surface Type | Surface Thickness inches | Apparent Utility Owner | Datums: | | Ground Elevation | Utility Elevation | |
| | | | | | | | | | | | Horizontal: | Vertical: | | | |
| 1-18 | BT | PVC | 2 - 4" | 3.82' | | ↕ | IRC | NG | N/A | FRONTIER | NAD83/11 | Northing | 526425.13' | 7.04' | 3.22' |
| 1-19 | FOC/BT | PVC | 4" | 2.54' | | ↕ | IRC | NG | N/A | FRONTIER | NAVD88 | Easting | 526425.73' | 6.99' | 4.45' |
| 1-20 | BT | LEAD | 2 - 2" | 3.00' | | ↕ | IRC | NG | N/A | FRONTIER | | | 526427.92' | 6.86' | 3.86' |
| 1-21 | FOC | UNK | 12 - 1.5" | 9.22' | | ↕ | IRC | NG | N/A | FRONTIER | | | 526430.76' | 6.58' | -2.64' |
| 1-22 | BT | LEAD | 2 - 2" | 2.00' | | ↕ | IRC | NG | N/A | FRONTIER | | | 526432.46' | 6.77' | 4.77' |
| 1-23 | BT | PVC | 2 - 4" | 2.76' | | ↕ | IRC | NG | N/A | FRONTIER | | | 526433.46' | 6.70' | 3.94' |
| 1-24 | BT | LEAD | 2 - 2" | 2.74' | | ↕ | IRC | NG | N/A | FRONTIER | | | 526435.53' | 7.28' | 4.54' |
| Notes: 1-21 - Unable to visually verify size and material due to depth and groundwater. Possibly 12 - 1.5" polyethylene pipes. | | | | | | | | | | | | | | | |
| | | | | | | | | | | | Prepared by: EE | | Date: 02/12/2019 | | |
| | | | | | | | | | | | Checked by: AB | | Date: 02/12/2019 | | |

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

Kisinger Campo & Associates Corp.
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record: Branan R. Anderson, PE
P.E. No.: 78438

| | | |
|--|--------------|----------------------|
| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (21)

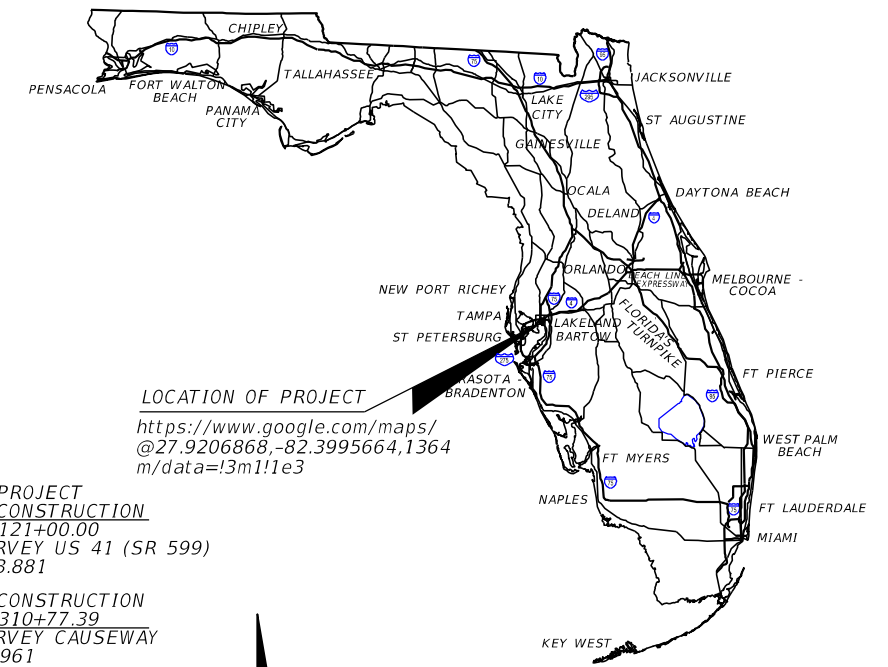
SHEET NO.

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

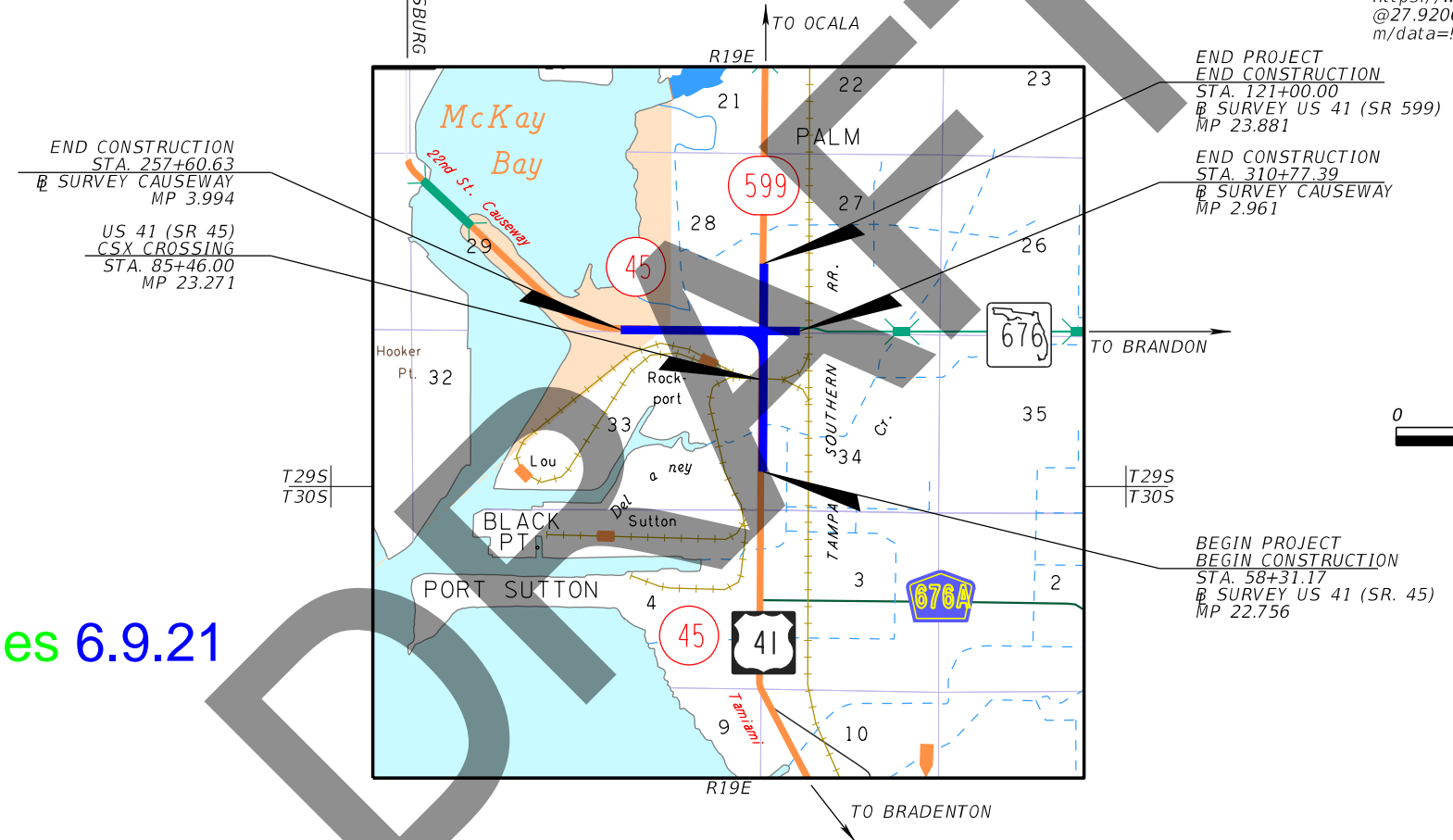
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 440749-1-52-01
(FEDERAL FUNDS)
HILLSBOROUGH COUNTY (10002)
STATE ROAD NO. US41



LOCATION OF PROJECT
<https://www.google.com/maps/@27.9206868,-82.3995664,1364m/data=!3m1!1e3>



ZAYO Group Green-lines 6.9.21

GOVERNING STANDARD PLANS:
Florida Department of Transportation, FY2021-22 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, July 2022 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

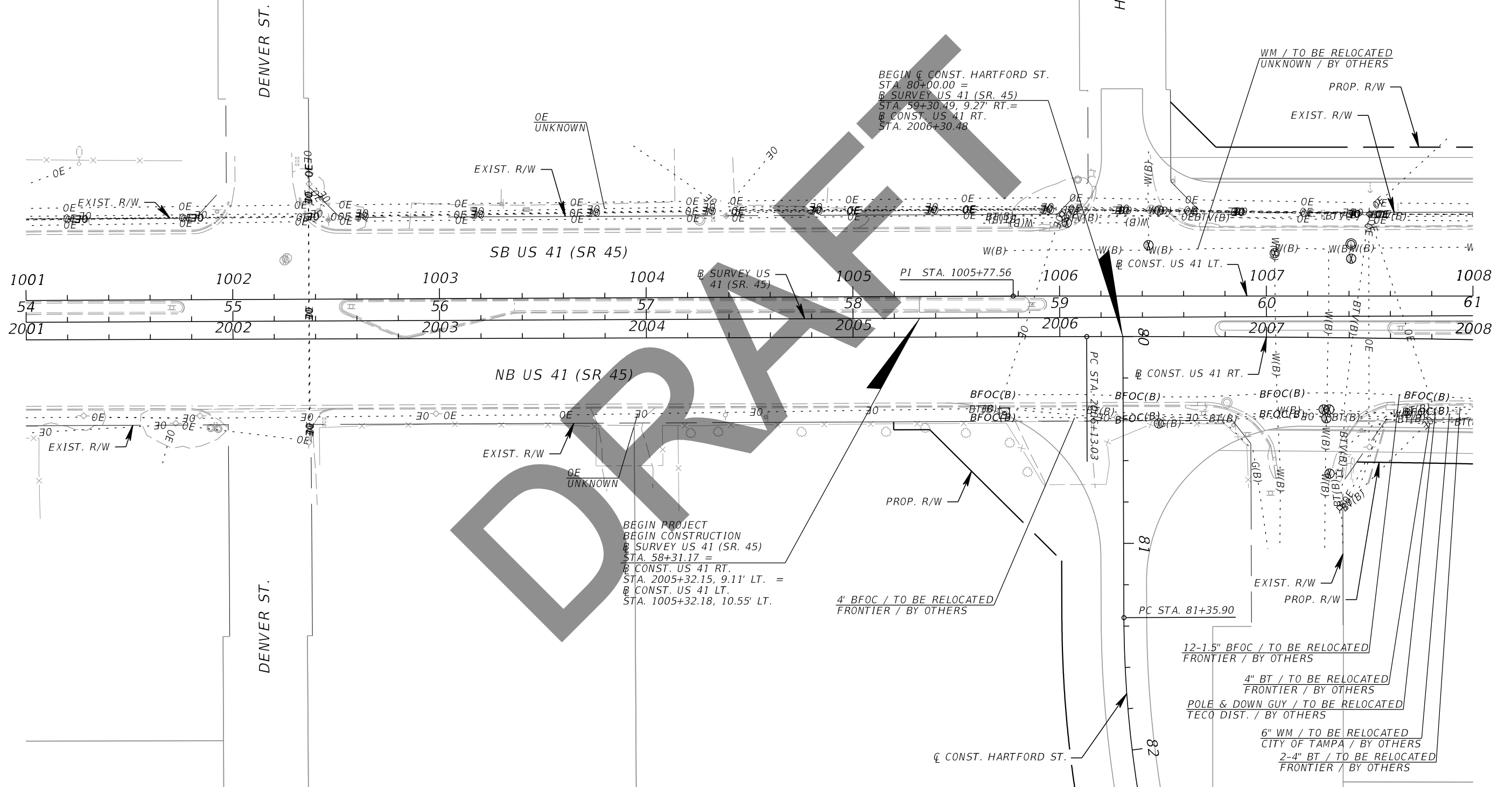
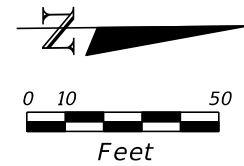
ROADWAY PLANS
ENGINEER OF RECORD:
BRANAN R. ANDERSON, P.E. NO.: 78438
KISINGER CAMPO AND ASSOCIATES CORP.
CONSULTING ENGINEERS & PLANNERS
201 N. FRANKLIN STREET, SUITE 400
TAMPA, FLORIDA 33602
(813) 871-5331
VENDOR NUMBER.: F59-1677145

FDOT PROJECT MANAGER:
TIM O'BRIEN P.E.

ZAYO FACILITY LOCATIONS BASED ON
AS-BUILT AND/OR DESIGN DRAWINGS ONLY

| CONSTRUCTION CONTRACT NO. | FISCAL YEAR | SHEET NO. |
|---------------------------|-------------|-----------|
| TBD | 21 | 1 |

NO ZAYO FACILITIES THIS SHEET



| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

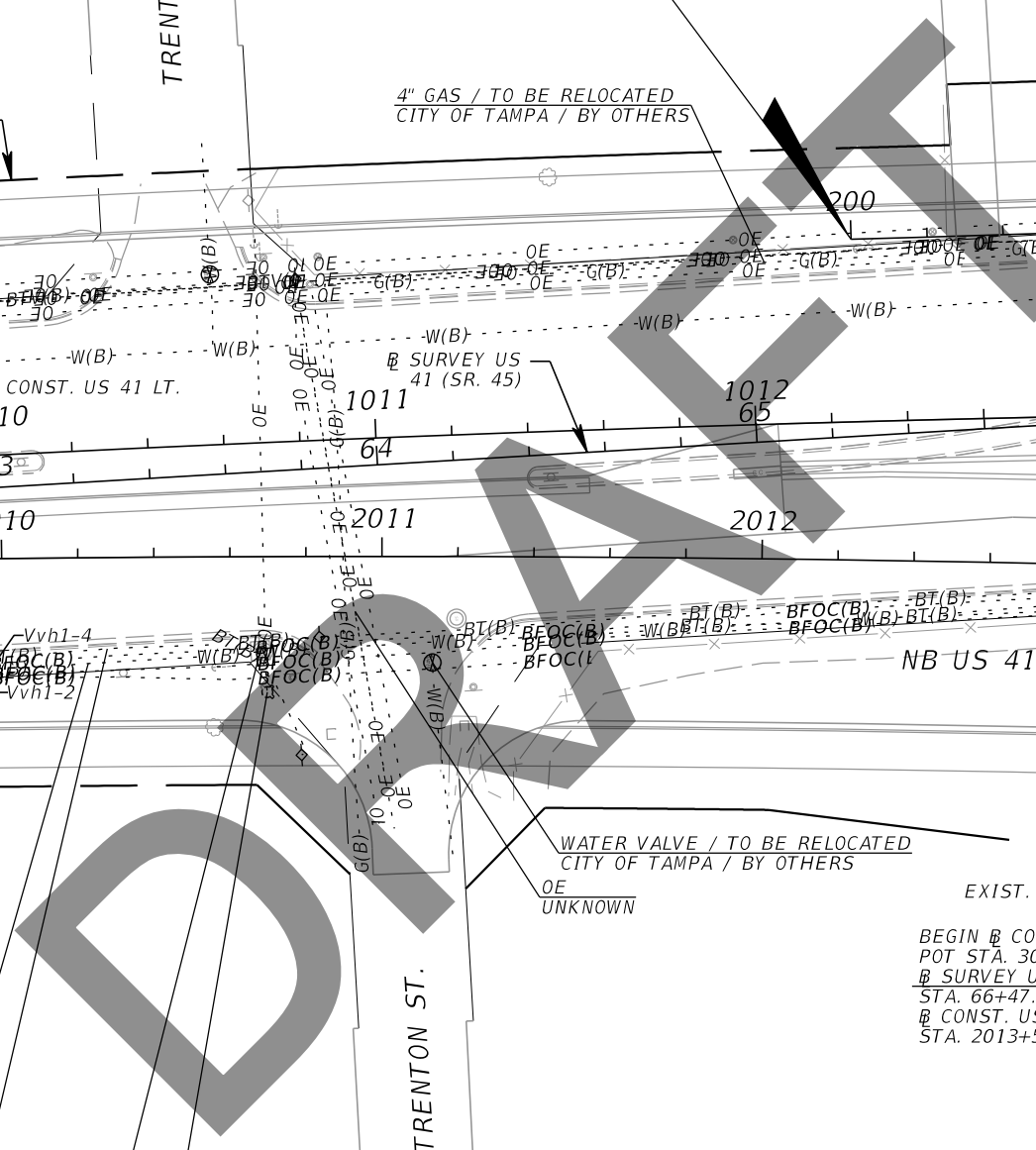
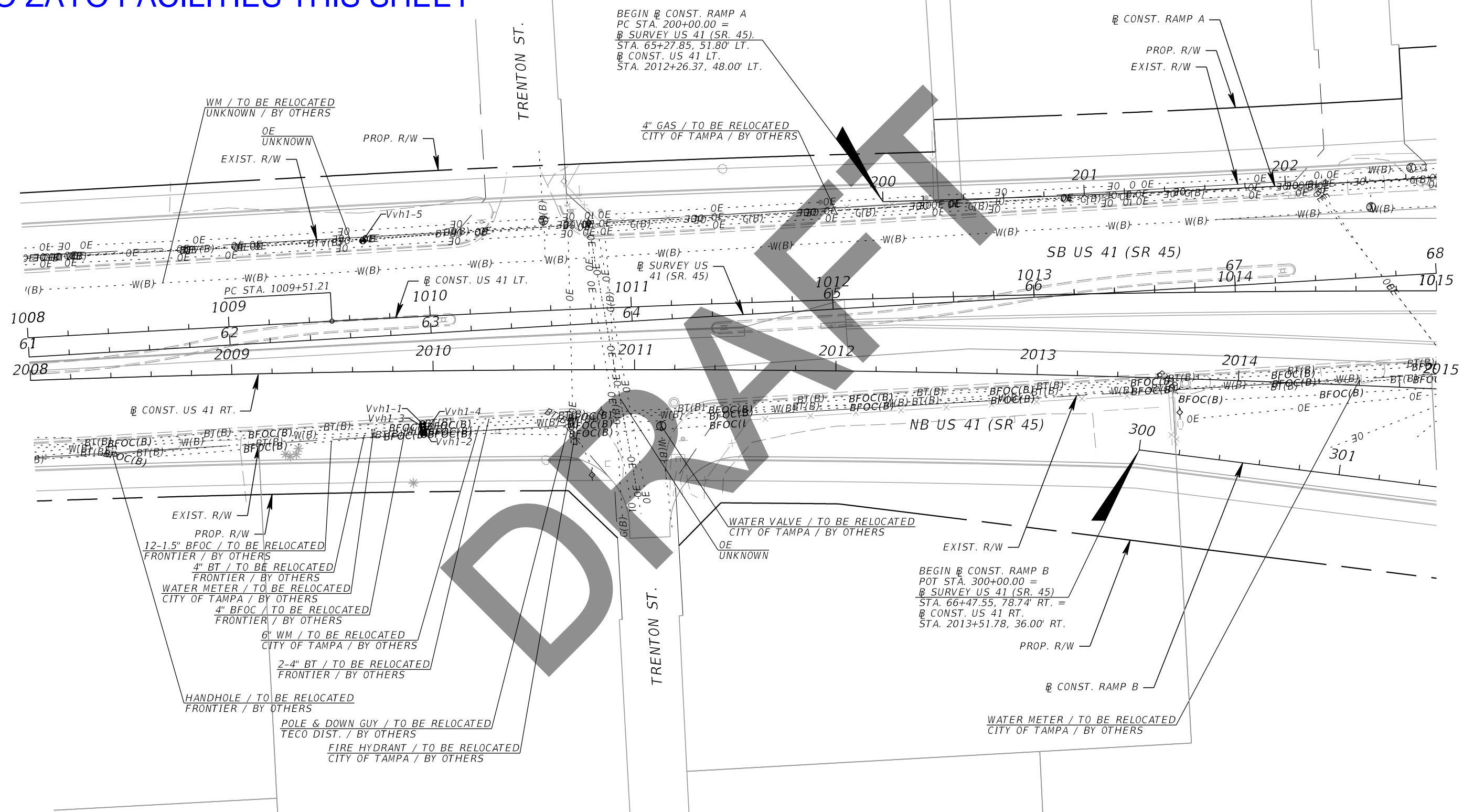
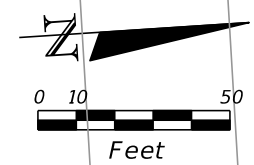
| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (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.

NO ZAYO FACILITIES THIS SHEET



| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |
| | | | |

Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

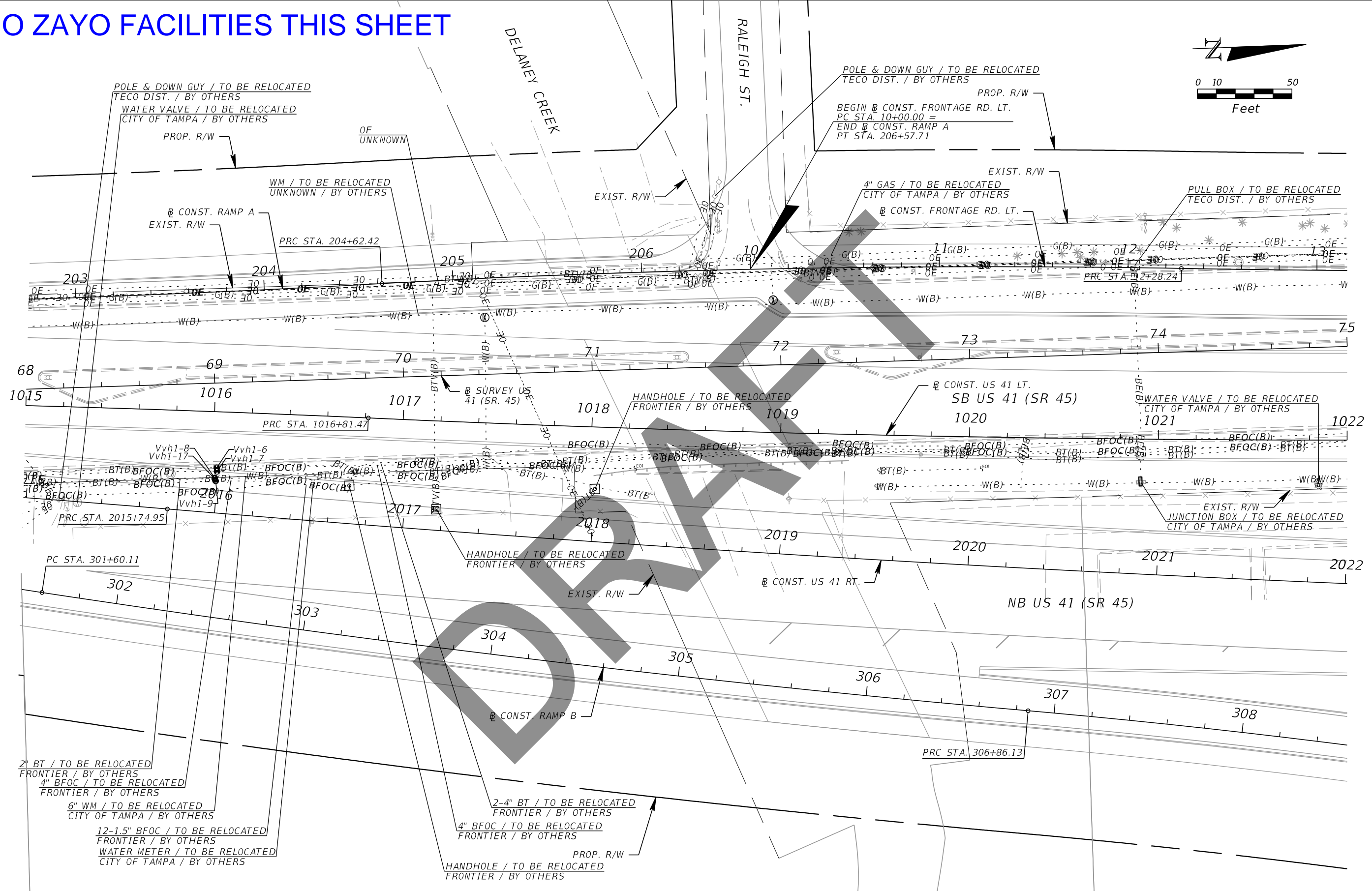
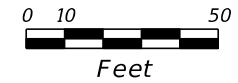
| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (2)

SHEET NO.

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 THIS SHEET



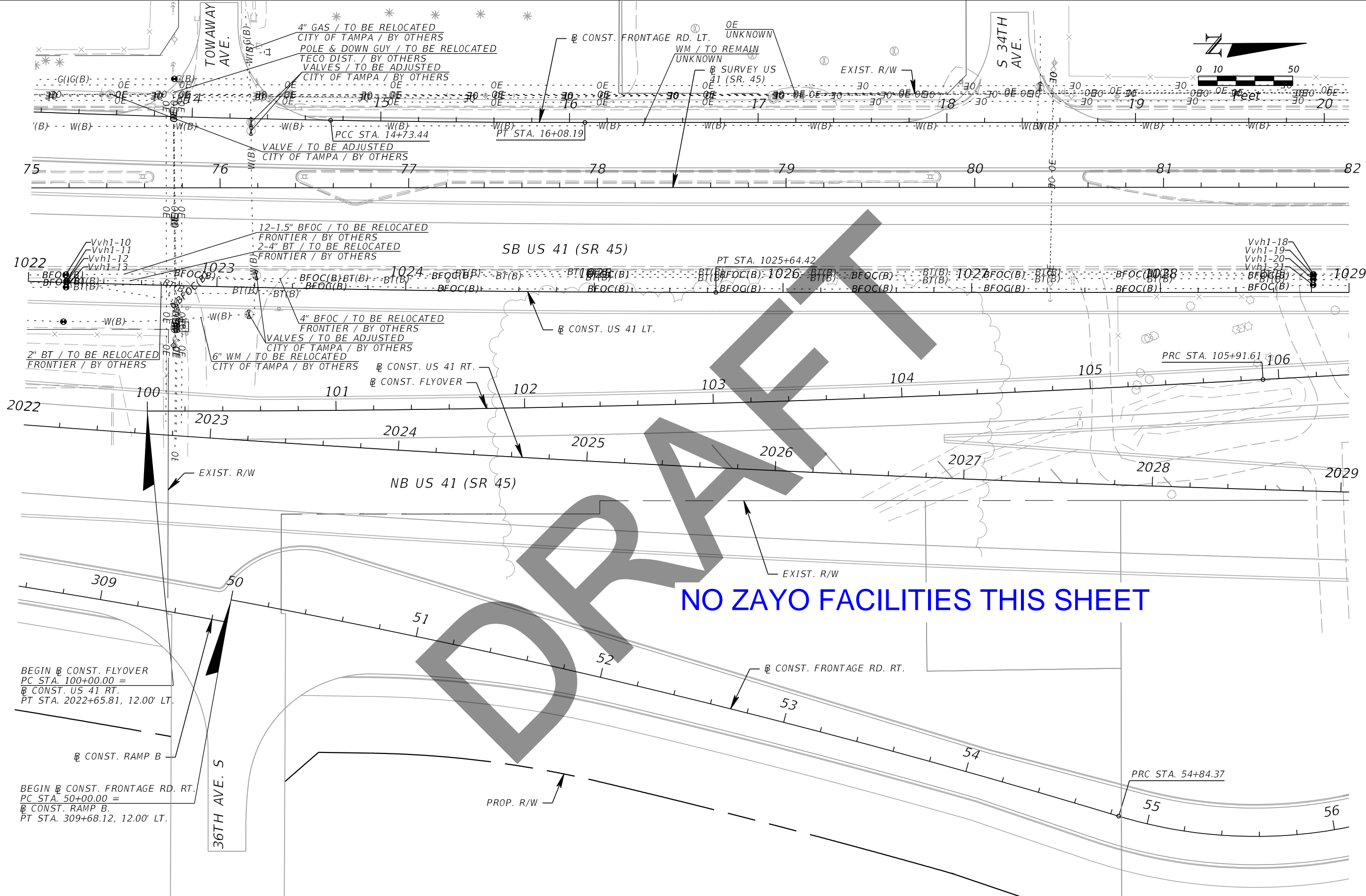
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (3)

SHEET NO.

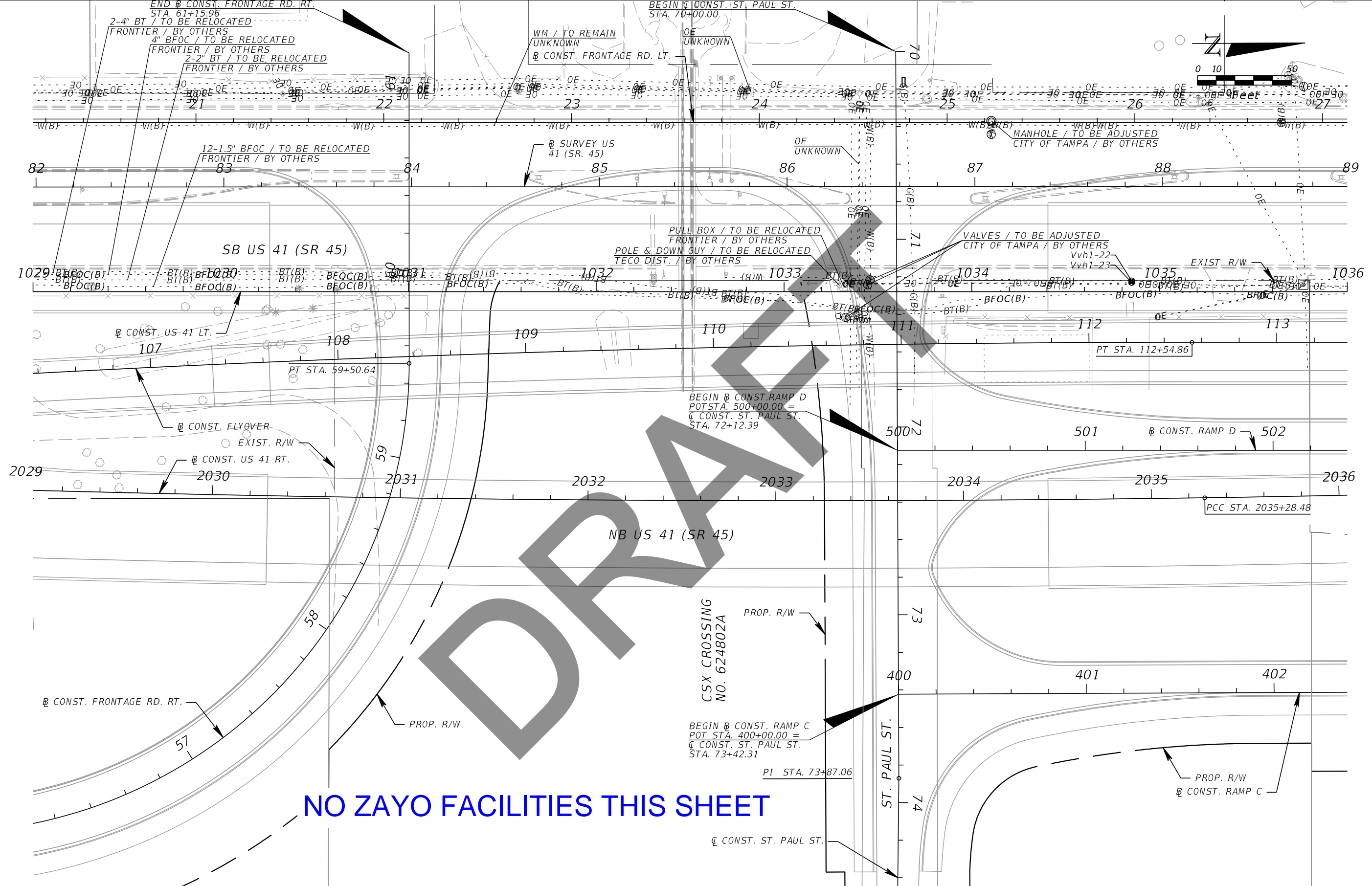
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



NO ZAYO FACILITIES THIS SHEET

| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (4) | SHEET NO. |
|-----------|-------------|------|-------------|---|--|--------------|----------------------|-------------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

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 THIS SHEET

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

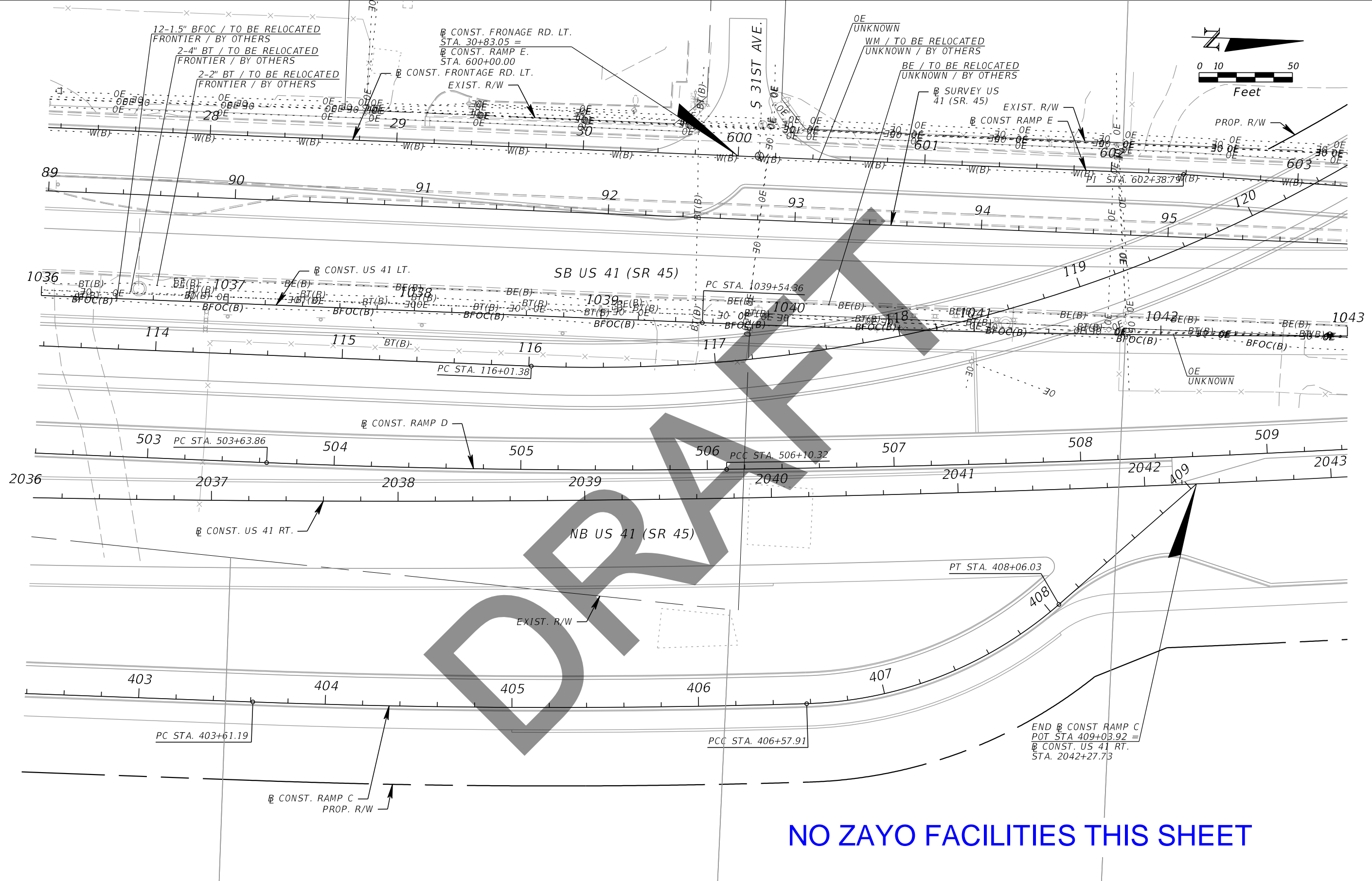
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (5)

SHEET NO.

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



DRAFT

NO ZAYO FACILITIES THIS SHEET

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

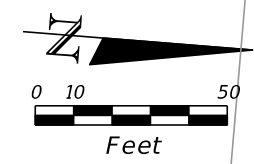
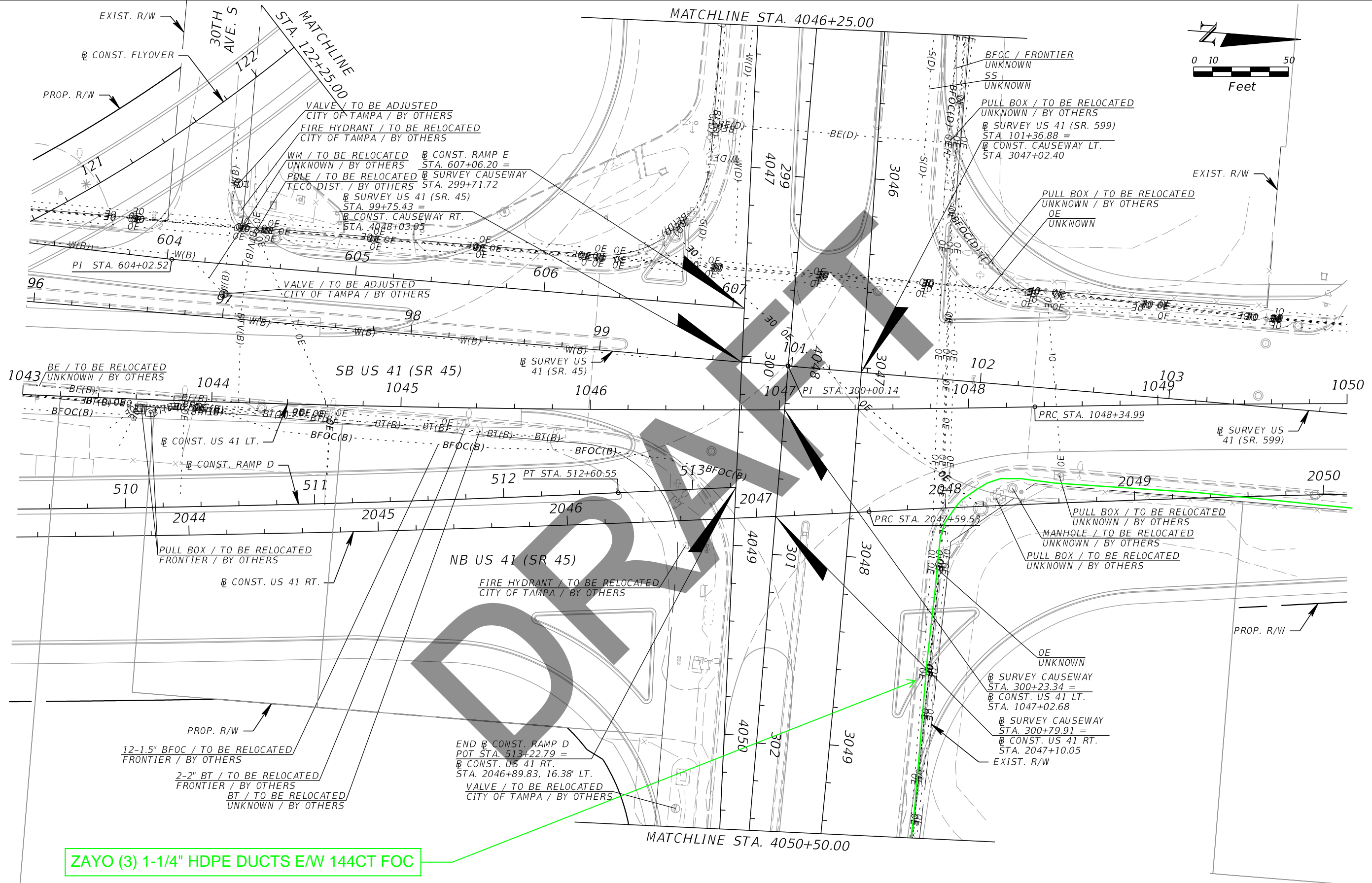
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (6)

SHEET
NO.

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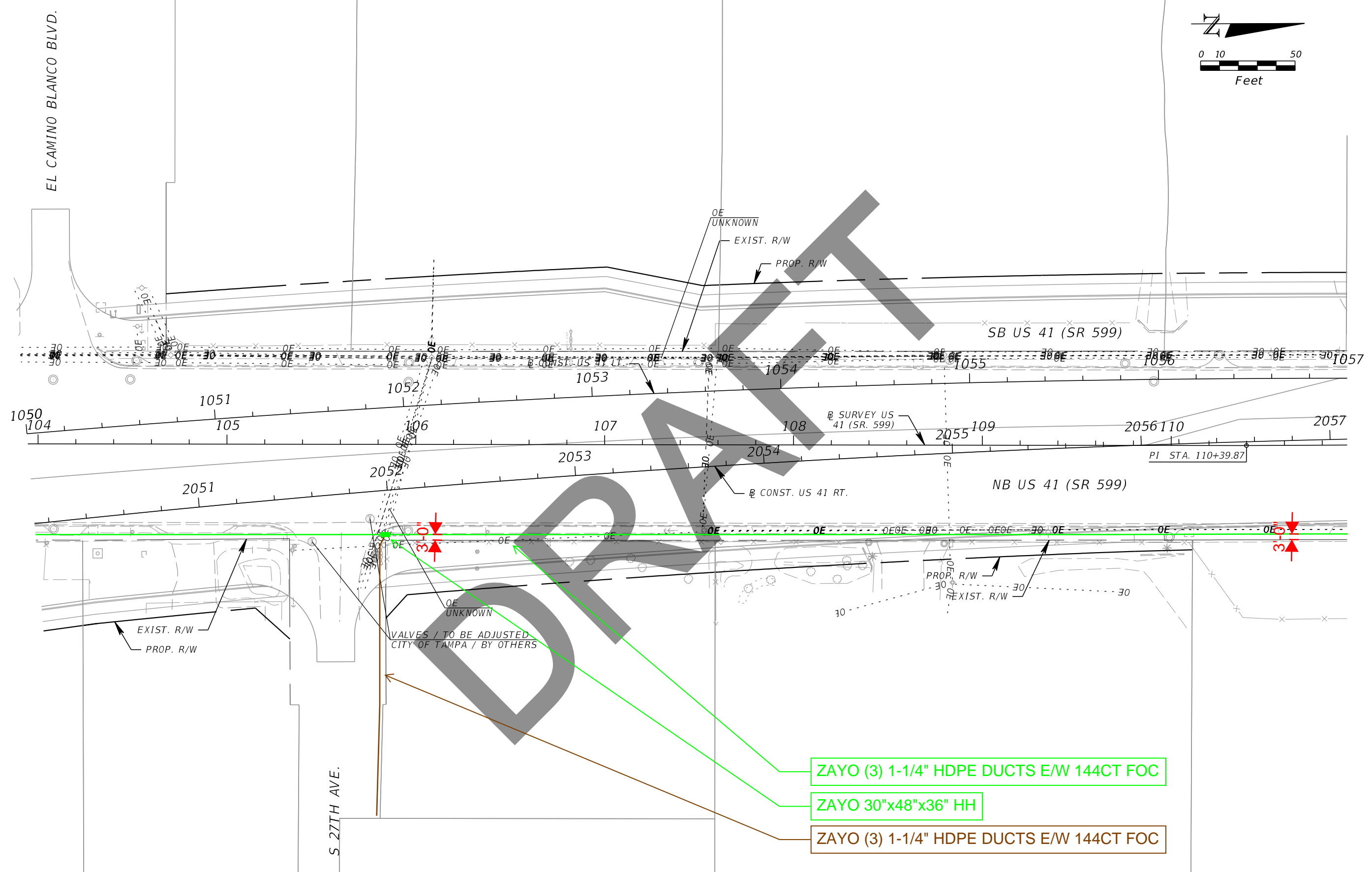
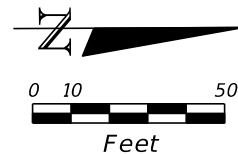


ZAYO (3) 1-1/4" HDPE DUCTS EW 144CT FOC

| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | SHEET NO. |
|-----------|-------------|------|-------------|---|--|--------------|----------------------|--------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | |

UTILITY ADJUSTMENTS (7)

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



| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

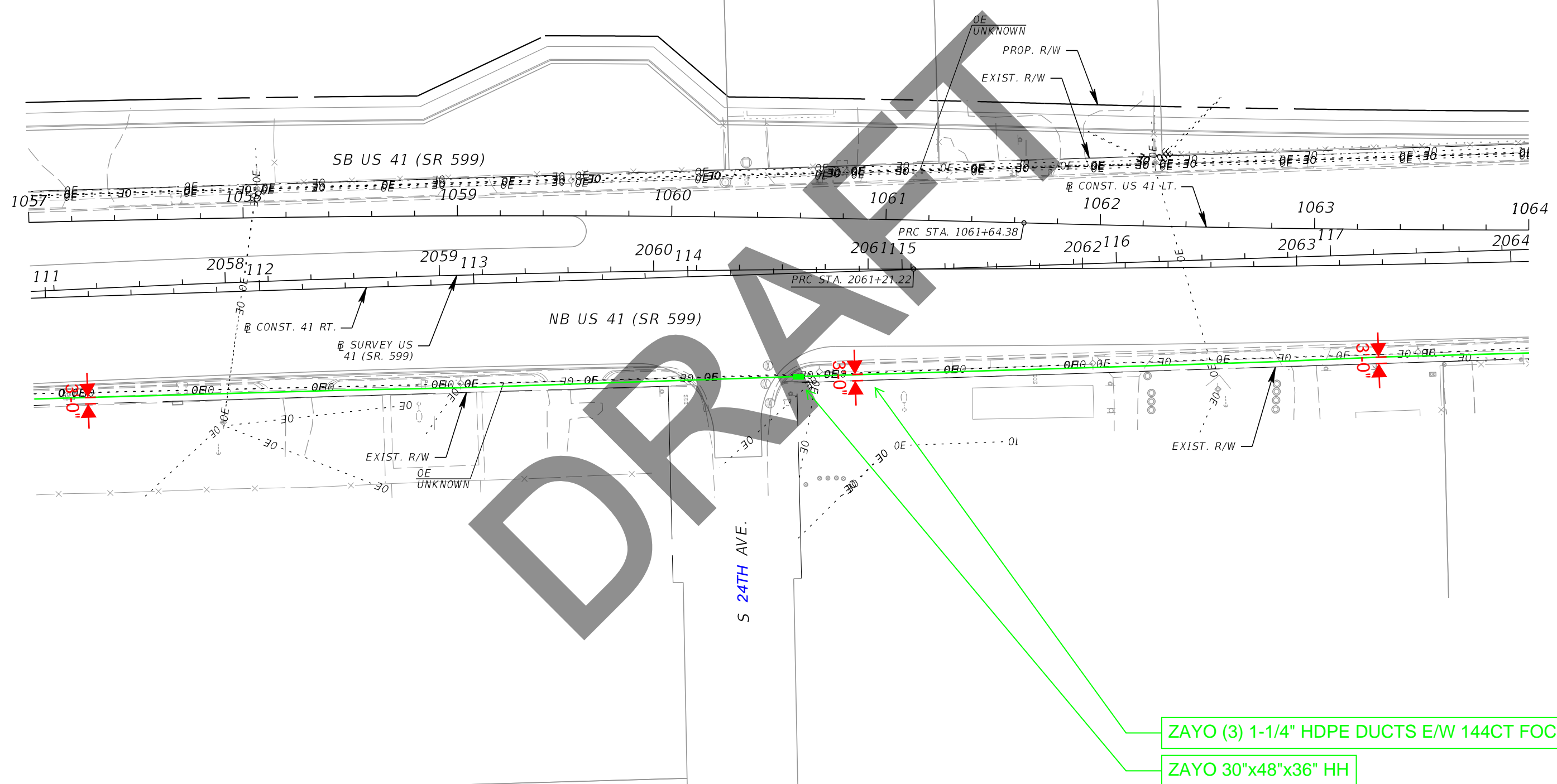
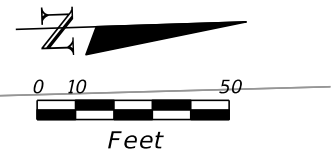
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (8)

SHEET NO.

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| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

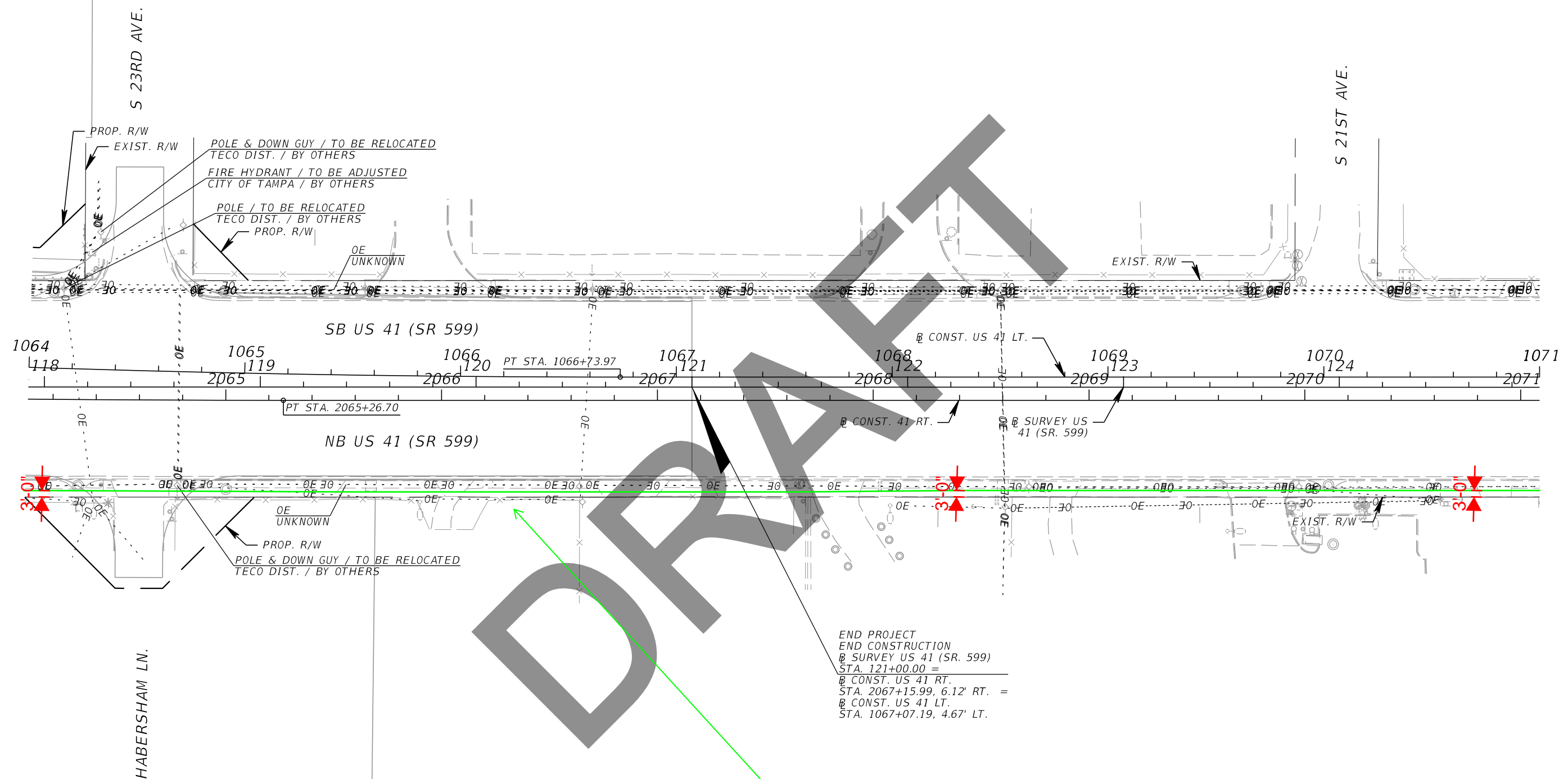
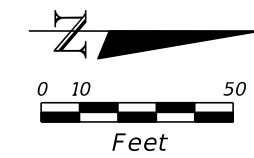
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| | | |
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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (9)

SHEET NO.

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



DRAFT

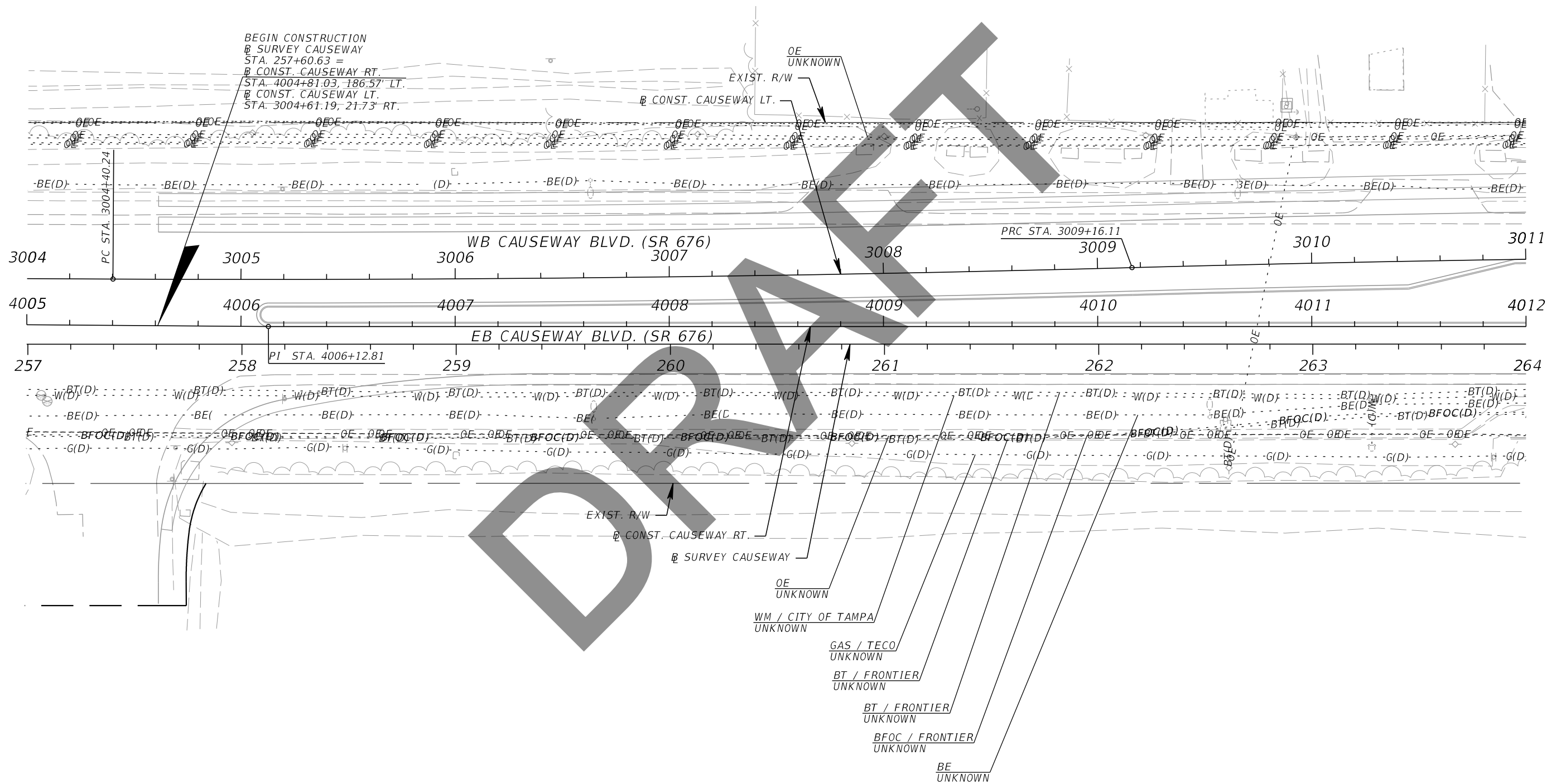
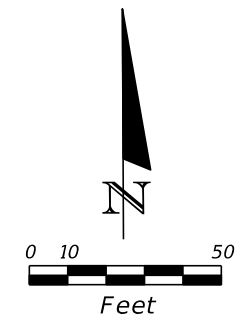
END PROJECT
END CONSTRUCTION
B SURVEY US 41 (SR. 599)
STA. 121+00.00 =
B CONST. US 41 RT.
STA. 2067+15.99, 6.12' RT. =
B CONST. US 41 LT.
STA. 1067+07.19, 4.67' LT.

ZAYO (3) 1-1/4" HDPE DUCTS E/W 144CT FOC

| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (10) | SHEET NO. |
|-----------|-------------|------|-------------|---|--|----------------|----------------------|---------------------------------|--------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | | |

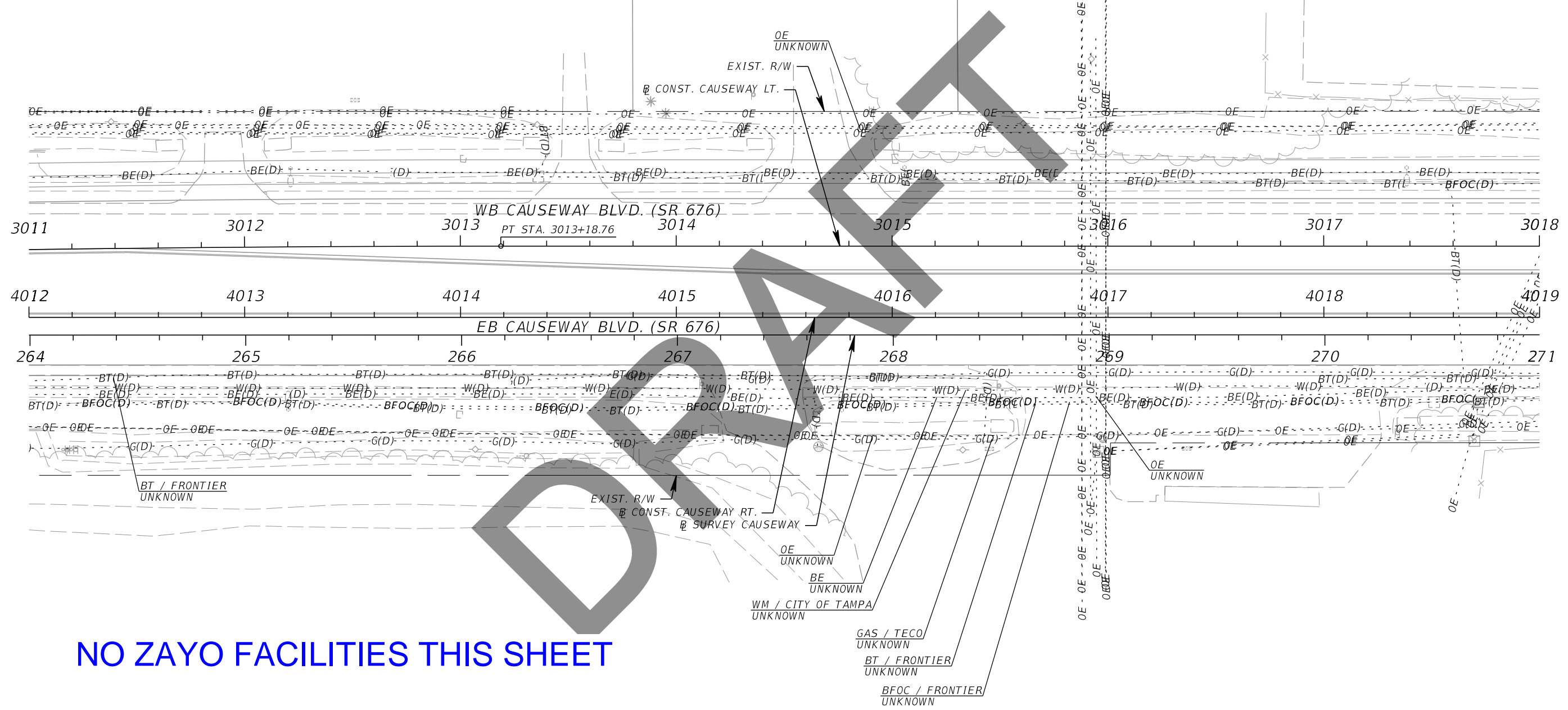
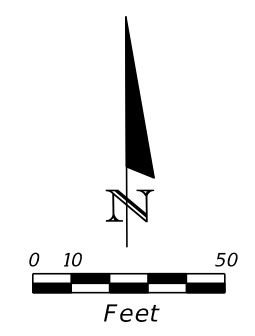
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NO ZAYO FACILITIES THIS SHEET



| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (11) | SHEET NO. |
|-----------|-------------|------|-------------|---|--|--------------|----------------------|---------------------------------|--------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

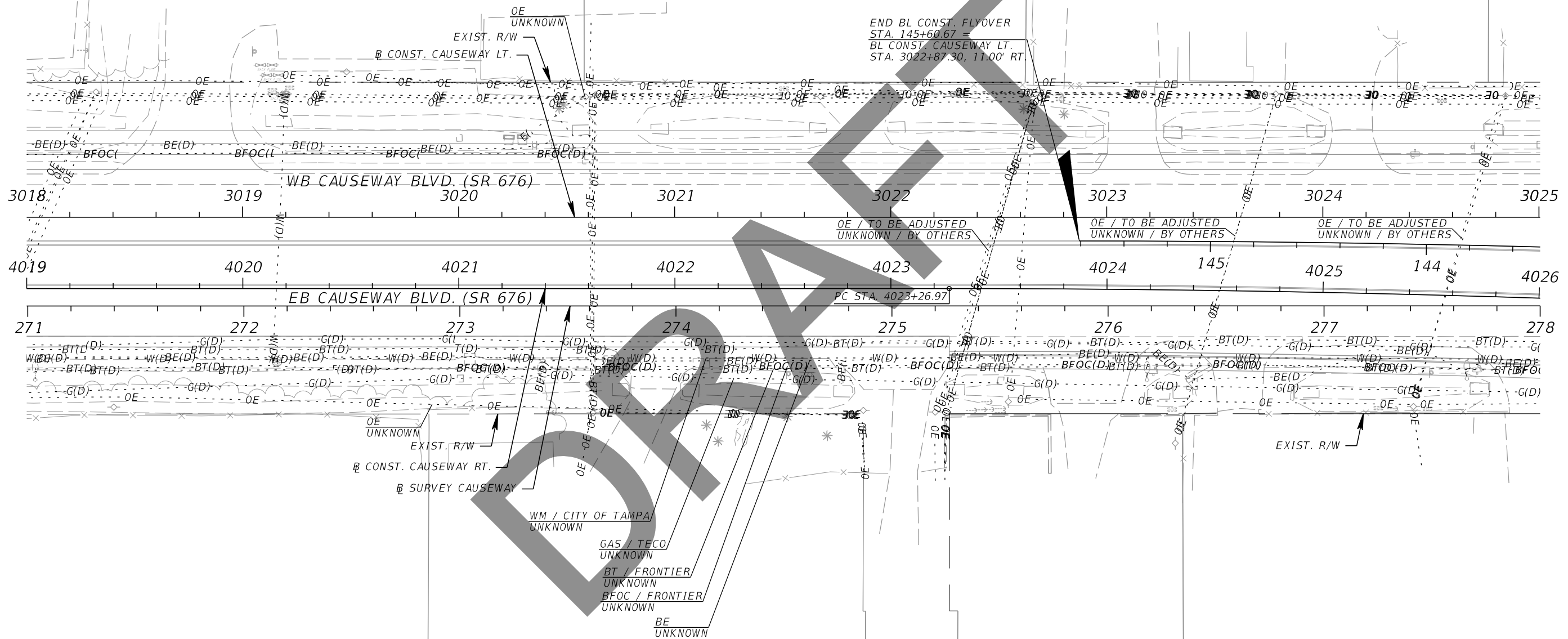
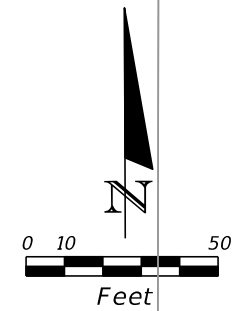
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



NO ZAYO FACILITIES THIS SHEET

| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (12) | SHEET NO. |
|-----------|-------------|------|-------------|---|--|--------------|----------------------|--------------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

NO ZAYO FACILITIES THIS SHEET



| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

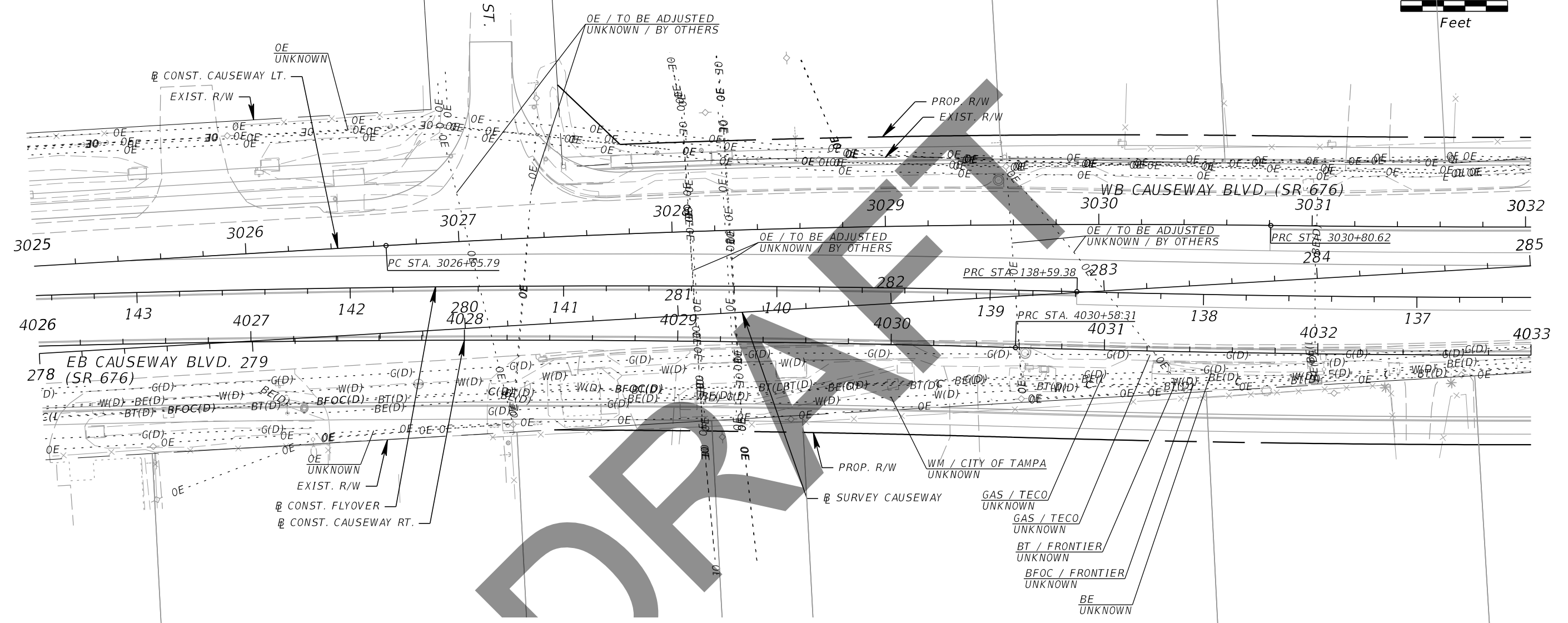
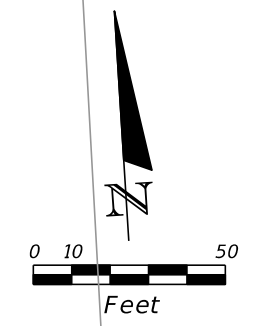
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 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (13)

SHEET NO.

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NO ZAYO FACILITIES THIS SHEET

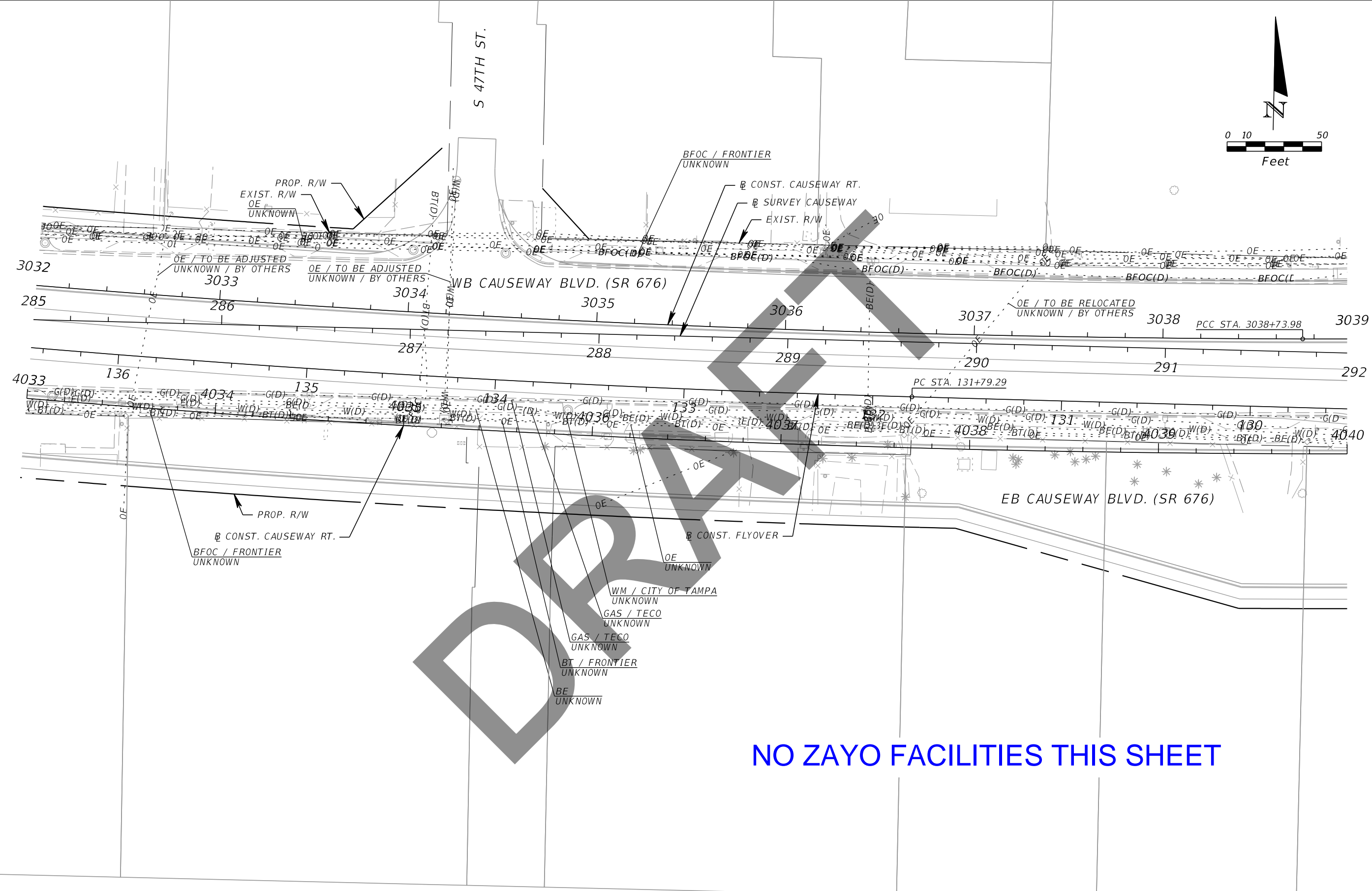
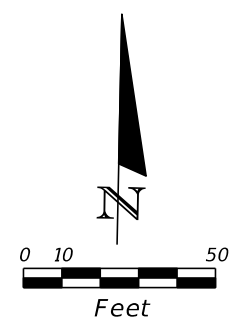
| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

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 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

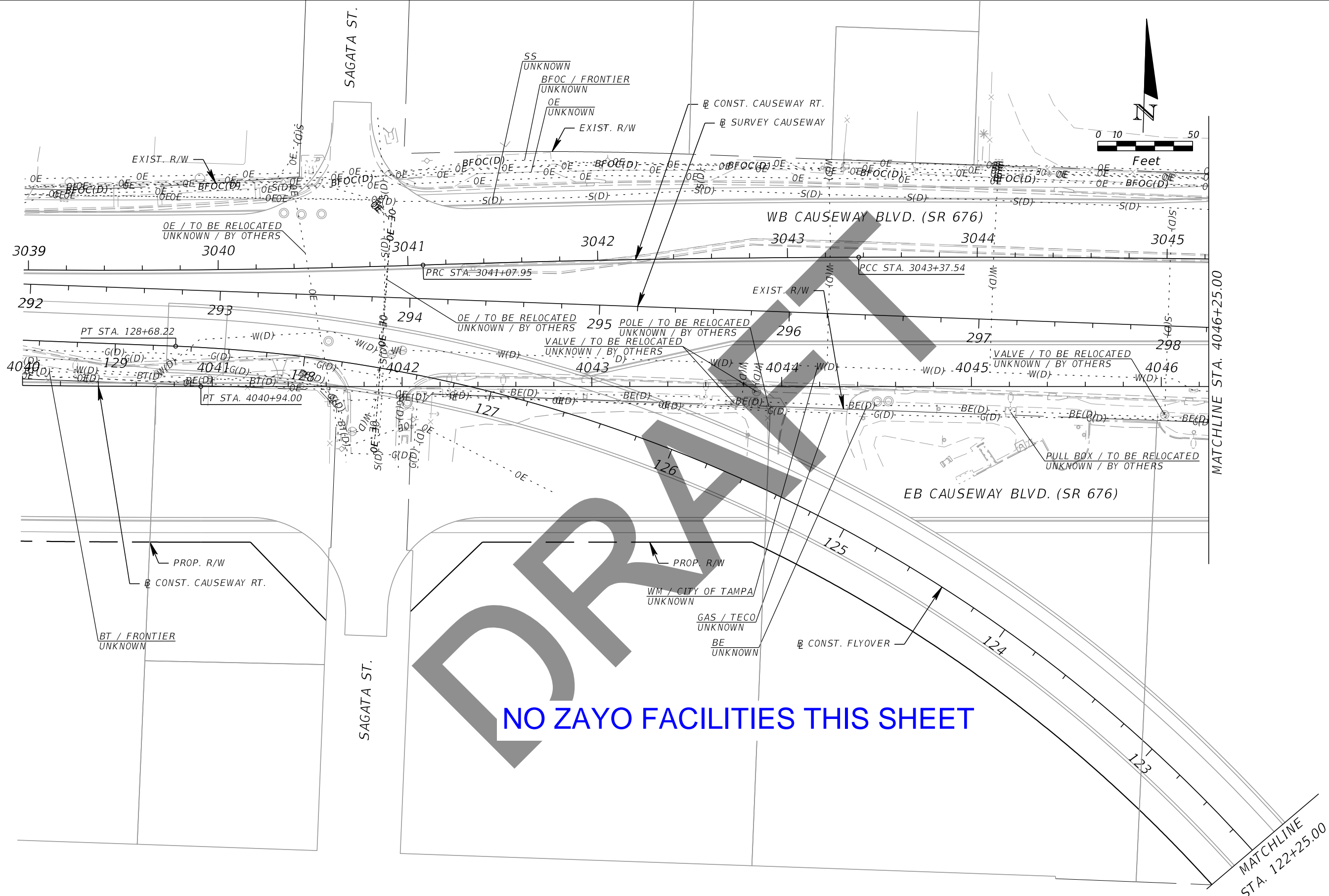
UTILITY ADJUSTMENTS (14)

SHEET NO.



NO ZAYO FACILITIES THIS SHEET

| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (15) | SHEET NO. |
|-----------|-------------|------|-------------|---|--|--------------|----------------------|--------------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |



NO ZAYO FACILITIES THIS SHEET

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

Kisinger Campo & Associates Corp.
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 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

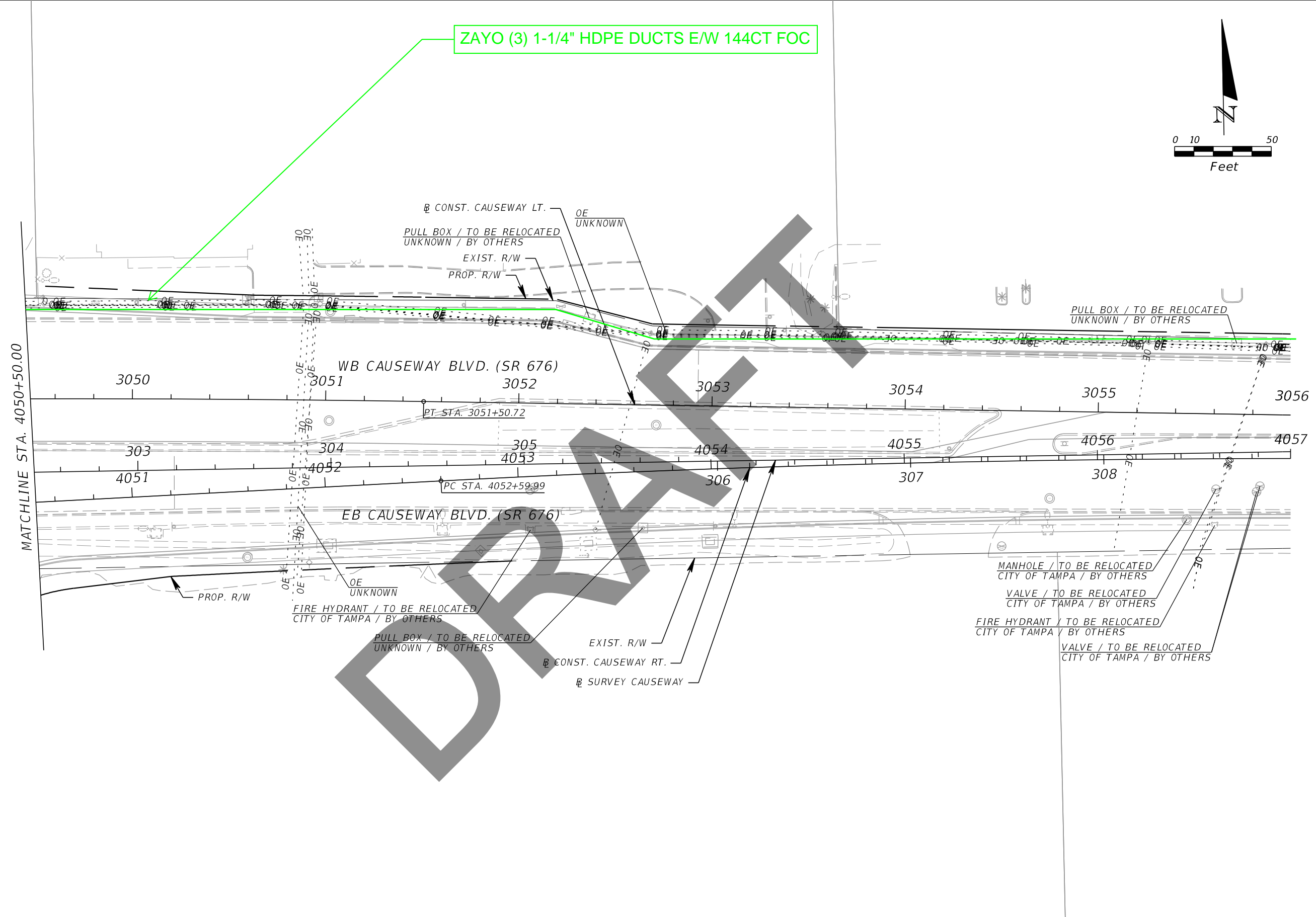
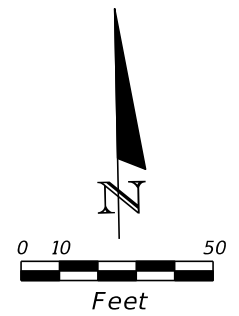
| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (16)

SHEET NO.

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ZAYO (3) 1-1/4" HDPE DUCTS E/W 144CT FOC



| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

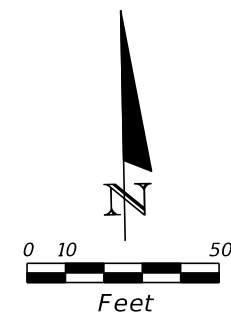
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (17)

SHEET NO.

ZAYO (3) 1-1/4" HDPE DUCTS E/W 144CT FOC



END CONSTRUCTION
 @ SURVEY CAUSEWAY
 STA. 310+77.39 =
 @ CONST. CAUSEWAY RT.
 STA. 4058+80.43, 15.47' LT.
 @ CONST. CAUSEWAY LT.
 STA. 3057+80.12, 4.47' RT.

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (18)

SHEET NO.

| Date: | 12/04/2018 | Test Hole Data Report | | | | | | | Crew Members: | | | DW, TG | | | | |
|--|------------------------------|---|---|---------------------------------------|--------------------------------------|----------------------------|------------------|--------------|--|------------------------|-----------------------|-----------------------------|------------------|-------------------|------------------|--|
| ECHO Project #: | 18-252 | 16514 N. Dale Mabry Hwy. Tampa, Florida 33618 | | | | | | | ECHO UES, Inc. www.echoues.com 888.778.ECHO | | | City, State: | | Tampa, Florida | | |
| Financial Project #: | N/A | 1511 E. SR434, Ste. 2001, #252 Winter Springs, Florida 32708 | | | | | | | UTILITY ENGINEERING & SURVEY - GROW, INSPIRE, MAKE A DIFFERENCE - | | | General Location: | | US 41 | | |
| Truck No.: | D-3/T-2 | | | | | | | | | | | Coordinate Unit of Measure: | | US Survey Feet | | |
| Utility Type | | Utility Material | | | | Identified By: | | | Abbreviations | | Offset Measured From: | | | | | |
| BE = Buried Electrical | RW = Reclaimed Water | AC = Transite | FIBG = Fiberglass | HUB = Survey Hub | N/A = Not Applicable | EP = Edge of Pavement | | | | | | | | | | |
| GM = Gas Main | SL = Street Light | CI = Cast Iron | HDPE = High Density Polyethylene Pipe | IRC = Iron Rod & Cap "ECHO TEST HOLE" | NAD = North American Datum | BC = Back of Curb | | | | | | | | | | |
| BT = Buried Telephone | TS = Traffic Signal | CP = Concrete Pipe | PE = Polyethylene Pipe | NL = Nail & Disk "ECHO TEST HOLE" | Datum | BL = Baseline of Survey | | | | | | | | | | |
| FOC = Fiber Optic Cable | FL = Fuel Line | DBC = Direct Buried Cable | PVC = Polyvinyl Chloride | SLEEVE = Sleeve | NAVD = North American Vertical Datum | COORD = Survey Coordinates | | | | | | | | | | |
| WM = Water Main | GS = Gas Service | CMP = Corrugated Metal Pipe | STL = Steel | X = "X" in Concrete | Vertical Datum | CL = Centerline | | | | | | | | | | |
| SAN = Sanitary Sewer | WS = Water Service | CONC = Concrete | VCP = Vitrified Clay Pipe | Surface Type | | UNK = Unknown | HUB = Survey Hub | | | | | | | | | |
| STM = Storm Sewer | UNK = Unknown Utility | CPP = Corrugated Plastic Pipe | PCCP = Prestressed Cylinder Concrete Pipe | ASPH = Asphalt | COT = City of Tampa | RW = Right of Way | | | | | | | | | | |
| CATV = Cable Television | BED = Buried Electrical Duct | DCT = Duct | Pipe | CONC = Concrete | | ST = Swing Ties | | | | | | | | | | |
| FM = Force Main | BTD = Buried Telephone Duct | DIP = Ductile Iron Pipe | RCP = Reinforced Concrete Pipe | NG = Natural Ground | | X = "X" in Concrete | | | | | | | | | | |
| Test Hole | Utility Type | Utility Material | Utility Size Outside Diameter inches | Utility Manual Depth feet | Cross Sectional View | Utility Direction | Identified By | Surface Type | Surface Thickness inches | Apparent Utility Owner | Datums: | | Ground Elevation | Utility Elevation | | |
| | | | | | | | | | | | Horizontal: | Vertical: | | | | |
| | | | | | | | | | | | NAD83/11 | NAVD88 | | | | |
| | | | | | | | | | | | Northing | Easting | | | | |
| 1-1 | BT | PVC | 2 - 4" | 3.26' | | ↕ | IRC | NG | N/A | FRONTIER | 1301204.90' | 526413.67' | 7.51' | 4.25' | | |
| 1-2 | WM | CI | 6" | 3.30' | | ↕ | IRC | NG | N/A | COT | 1301205.19' | 526416.74' | 7.48' | 4.18' | | |
| 1-3 | FOC/BT | PVC | 4" | 2.47' | | ↕ | IRC | NG | N/A | FRONTIER | 1301204.95' | 526415.25' | 7.48' | 5.01' | | |
| 1-4 | FOC | PE | 12 - 1.5" | 8.80' | | ↕ | IRC | NG | N/A | FRONTIER | 1301205.12' | 526418.96' | 7.36' | -1.44' | | |
| 1-5 | CATV | PVC | 2 - 2" | 5.54' | | ↕ | IRC | NG | N/A | SPECTRUM | 1301181.11' | 526321.06' | 6.85' | 1.31' | | |
| 1-6 | BT | PVC | 2 - 4" | 3.44' | | ↕ | IRC | NG | N/A | FRONTIER | 1301811.38' | 526417.02' | 6.84' | 3.40' | | |
| 1-7 | FOC/BT | PVC | 4" | 2.42' | | ↕ | IRC | NG | N/A | FRONTIER | 1301811.47' | 526418.97' | 6.84' | 4.42' | | |
| 1-8 | WM | UNK | UNK | 10.06' | | ↕ | IRC | NG | N/A | COT | 1301810.12' | 526422.34' | 6.83' | -3.23' | | |
| 1-9 | FOC/BT | PVC | 4" | 3.34' | | ↕ | IRC | NG | N/A | FRONTIER | 1301810.56' | 526424.00' | 6.49' | 3.15' | | |
| Notes: 1-8 - Unable to visually verify size and matterial due to depth and groundwater. Possible 6" cast iron. | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | Prepared by: EE | | | | Date: 02/12/2019 | |
| | | | | | | | | | | | Checked by: AB | | | | Date: 02/12/2019 | |

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

Kisinger Campo & Associates Corp.
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record: Branan R. Anderson, PE
P.E. No.: 78438

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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (19)

SHEET NO.

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

| Date: | | 12/05/2018 | | Test Hole Data Report | | | | | | Crew Members: | | | | DW, TG | | |
|-----------------------------|--------------|------------------|--|---|-------------------------------|-------------------|---------------|---|--------------------------------|---------------------------------------|----------------------|---|--------------------------------------|----------------------|------------------------------|---------|
| ECHO Project #: | | 18-252 | | 16514 N. Dale Mabry Hwy. Tampa, Florida 33618 | | | | ECHO UTILITY ENGINEERING & SURVEY | | | | ECHO UES, Inc. www.echoues.com 888.778.ECHO | | | | |
| Financial Project #: | | N/A | | 1511 E. SR434, Ste. 2001, #252 Winter Springs, Florida 32708 | | | | | | | | City, State: Tampa, Florida | | | | |
| Truck No.: | | D-3/T-2 | | | | | | | | | | General Location: US 41 | | | | |
| | | | | | | | | | | | | Coordinate Unit of Measure: US Survey Feet | | | | |
| Utility Type | | | | | Utility Material | | | | | Identified By: | | | Abbreviations | | Offset Measured From: | |
| BE = Buried Electrical | | | | | RW = Reclaimed Water | | | | | HUB = Survey Hub | | | N/A = Not Applicable | | EP= Edge of Pavement | |
| GM = Gas Main | | | | | SL = Street Light | | | | | IRC = Iron Rod & Cap "ECHO TEST HOLE" | | | NAD = North American Datum | | BC = Back of Curb | |
| BT = Buried Telephone | | | | | CP = Concrete Pipe | | | | | NL = Nail & Disk "ECHO TEST HOLE" | | | Datum | | BL = Baseline of Survey | |
| FOC = Fiber Optic Cable | | | | | DBC = Direct Buried Cable | | | | | SLEEVE = Sleeve | | | NAVD = North American Vertical Datum | | COORD = Survey Coordinates | |
| WM = Water Main | | | | | CMP = Corrugated Metal Pipe | | | | | X = "X" in Concrete | | | UNK = Unknown | | HUB = Survey Hub | |
| SAN = Sanitary Sewer | | | | | CONC = Concrete | | | | | Surface Type | | | COT = City of Tampa | | RW = Right of Way | |
| STM = Storm Sewer | | | | | CPP = Corrugated Plastic Pipe | | | | | ASPH = Asphalt | | | | | ST = Swing Ties | |
| CATV = Cable Television | | | | | DCT = Duct | | | | | CONC = Concrete | | | | | X = "X" in Concrete | |
| FM = Force Main | | | | | DIP = Ductile Iron Pipe | | | | | RCP = Reinforced Concrete Pipe | | | | | | |
| Test Hole | Utility Type | Utility Material | Utility Size Outside Diameter inches | Utility Manual Depth feet | Cross Sectional View | Utility Direction | Identified By | Surface Type | Surface Thickness inches | Apparent Utility Owner | Datums: | | Ground Elevation | Utility Elevation | | |
| | | | | | | | | | | | Horizontal: NAD83/11 | Vertical: NAVD88 | | | Northing | Easting |
| 1-10 | FOC | PE | 12 - 1.5" | 3.96' | | ↑ | IRC | NG | N/A | FRONTIER | 1302430.03' | 526421.52' | 6.62' | 2.66' | | |
| 1-11 | BT | PVC | 2 - 4" | 2.50' | | ↑ | IRC | NG | N/A | FRONTIER | 1302430.50' | 526424.77' | 6.68' | 4.18' | | |
| 1-12 | FOC/BT | PVC | 4" | 1.90' | | ↑ | IRC | NG | N/A | FRONTIER | 1302430.47' | 526425.15' | 6.69' | 4.79' | | |
| 1-13 | BT | DBC | 2" | 1.56' | | ↑ | IRC | NG | N/A | FRONTIER | 1302430.15' | 526428.11' | 6.81' | 5.25' | | |
| 1-14 | WM | DIP | 6" | 3.40' | | ↑ | IRC | NG | N/A | COT | 1302428.62' | 526446.38' | 8.20' | 4.80' | | |
| 1-15 | GM | STL | 4" | 3.00' | | ↑ | IRC | NG | N/A | COT | 1302488.18' | 526318.06' | 6.08' | 3.08' | | |
| 1-16 | BT | PVC | 4" | 3.50' | | ↑ | IRC | NG | N/A | FRONTIER | 1301205.22' | 526417.96' | 7.50' | 4.00' | | |
| 1-17 | BT | DBC | 2" | 3.00' | | ↑ | IRC | NG | N/A | FRONTIER | 1301810.09' | 526422.72' | 6.80' | 3.80' | | |
| Notes: | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | Prepared by: EE | | | Date: 02/12/2019 | | |
| | | | | | | | | | | | Checked by: AB | | | Date: 02/12/2019 | | |

| | | | | | | | | | |
|------------------|-------------|------|-------------|---|--|--------------|----------------------|---------------------------------|--------------|
| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (20) | SHEET NO. |
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

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| | | | | | | | | | | | | | | |
|--|------------------------------|---|---|---------------------------------------|--------------------------------------|----------------------------|---|--------------|-----------------------------|------------------------|----------------------|------------------|------------------|-------------------|
| Date: | 12/06/2018 | Test Hole Data Report | | | | | | | Crew Members: DW, TG, MAJ | | | | | |
| ECHO Project #: | 18-252 | 16514 N. Dale Mabry Hwy. Tampa, Florida 33618 | | | ECHO UTILITY ENGINEERING & SURVEY | | ECHO UES, Inc. www.echoues.com 888.778.ECHO | | City, State: Tampa, Florida | | | | | |
| Financial Project #: | N/A | 1511 E. SR434, Ste. 2001, #252 Winter Springs, Florida 32708 | | | - GROW, INSPIRE, MAKE A DIFFERENCE - | | General Location: US 41 | | | | | | | |
| Truck No.: | D-3/T-2 | | | | | | Coordinate Unit of Measure: US Survey Feet | | | | | | | |
| Utility Type | | Utility Material | | | Identified By: | | Abbreviations | | Offset Measured From: | | | | | |
| BE = Buried Electrical | RW = Reclaimed Water | AC = Transite | FIBG = Fiberglass | HUB = Survey Hub | N/A = Not Applicable | EP = Edge of Pavement | | | | | | | | |
| GM = Gas Main | SL = Street Light | CI = Cast Iron | HDPE = High Density Polyethylene Pipe | IRC = Iron Rod & Cap "ECHO TEST HOLE" | NAD = North American Datum | BC = Back of Curb | | | | | | | | |
| BT = Buried Telephone | TS = Traffic Signal | CP = Concrete Pipe | PE = Polyethylene Pipe | NL = Nail & Disk "ECHO TEST HOLE" | NAVD = North American Vertical Datum | BL = Baseline of Survey | | | | | | | | |
| FOC = Fiber Optic Cable | FL = Fuel Line | DBC = Direct Buried Cable | PVC = Polyvinyl Chloride | SLEEVE = Sleeve | X = "X" in Concrete | COORD = Survey Coordinates | | | | | | | | |
| WM = Water Main | GS = Gas Service | CMP = Corrugated Metal Pipe | STL = Steel | X = "X" in Concrete | UNK = Unknown | CL = Centerline | | | | | | | | |
| SAN = Sanitary Sewer | WS = Water Service | CONC = Concrete | VCP = Vitrified Clay Pipe | Surface Type | | HUB = Survey Hub | | | | | | | | |
| STM = Storm Sewer | UNK = Unknown Utility | CPP = Corrugated Plastic Pipe | PCCP = Prestressed Cylinder Concrete Pipe | ASPH = Asphalt | COT = City of Tampa | RW = Right of Way | | | | | | | | |
| CATV = Cable Television | BED = Buried Electrical Duct | DCT = Duct | Pipe | CONC = Concrete | | ST = Swing Ties | | | | | | | | |
| FM = Force Main | BTD = Buried Telephone Duct | DIP = Ductile Iron Pipe | RCP = Reinforced Concrete Pipe | NG = Natural Ground | | X = "X" in Concrete | | | | | | | | |
| Test Hole | Utility Type | Utility Material | Utility Size Outside Diameter inches | Utility Manual Depth feet | Cross Sectional View | Utility Direction | Identified By | Surface Type | Surface Thickness inches | Apparent Utility Owner | Datums: | | Ground Elevation | Utility Elevation |
| | | | | | | | | | | | Horizontal: NAD83/11 | Vertical: NAVD88 | | |
| | | | | | | | | | | | Northing | Easting | | |
| 1-18 | BT | PVC | 2 - 4" | 3.82' | | ↕ | IRC | NG | N/A | FRONTIER | 1303091.15' | 526425.13' | 7.04' | 3.22' |
| 1-19 | FOC/BT | PVC | 4" | 2.54' | | ↕ | IRC | NG | N/A | FRONTIER | 1303091.17' | 526425.73' | 6.99' | 4.45' |
| 1-20 | BT | LEAD | 2 - 2" | 3.00' | | ↕ | IRC | NG | N/A | FRONTIER | 1303091.09' | 526427.92' | 6.86' | 3.86' |
| 1-21 | FOC | UNK | 12 - 1.5" | 9.22' | | ↕ | IRC | NG | N/A | FRONTIER | 1303091.01' | 526430.76' | 6.58' | -2.64' |
| 1-22 | BT | LEAD | 2 - 2" | 2.00' | | ↕ | IRC | NG | N/A | FRONTIER | 1303695.15' | 526432.46' | 6.77' | 4.77' |
| 1-23 | BT | PVC | 2 - 4" | 2.76' | | ↕ | IRC | NG | N/A | FRONTIER | 1303695.20' | 526433.46' | 6.70' | 3.94' |
| 1-24 | BT | LEAD | 2 - 2" | 2.74' | | ↕ | IRC | NG | N/A | FRONTIER | 1304500.45' | 526435.53' | 7.28' | 4.54' |
| Notes: 1-21 - Unable to visually verify size and material due to depth and groundwater. Possibly 12 - 1.5" polyethylene pipes. | | | | | | | | | | | | | | |
| | | | | | | | | | | | Prepared by: EE | | Date: 02/12/2019 | |
| | | | | | | | | | | | Checked by: AB | | Date: 02/12/2019 | |

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

Kisinger Campo & Associates Corp.
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Tampa, Florida 33602
Engineer of Record: Branan R. Anderson, PE
P.E. No.: 78438

| | | |
|--|--------------|----------------------|
| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (21)

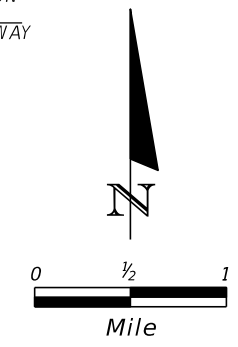
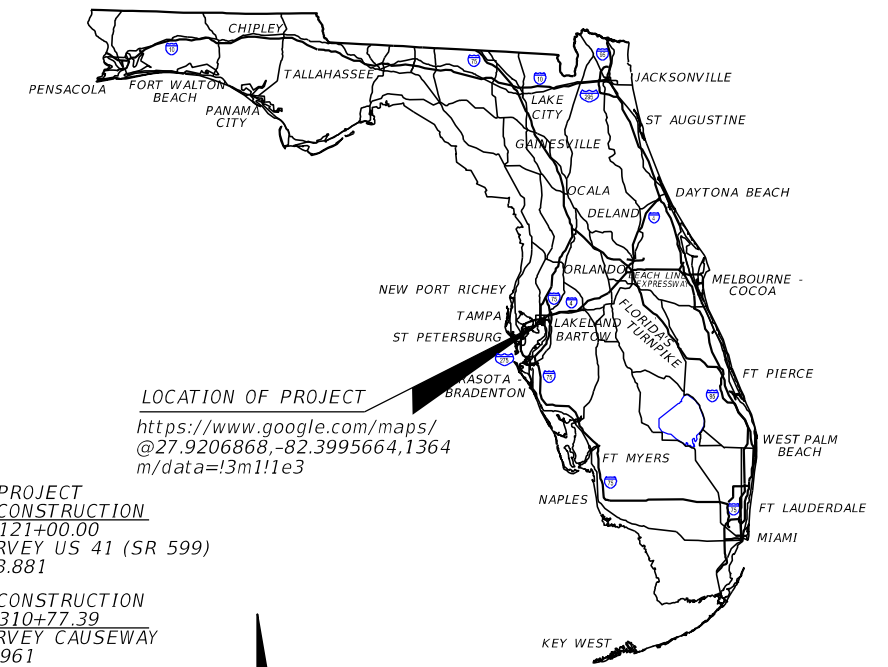
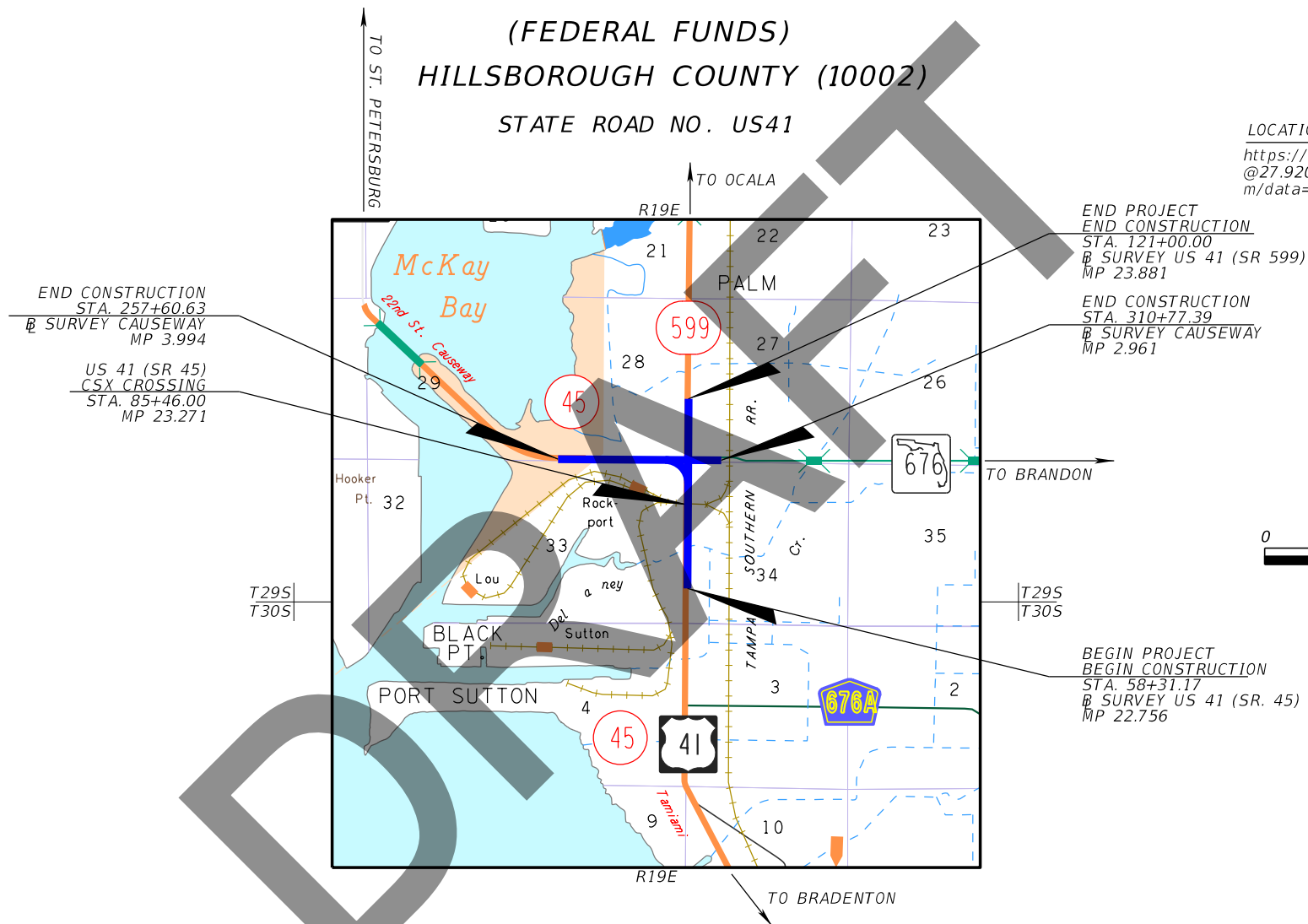
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 440749-1-52-01
(FEDERAL FUNDS)
HILLSBOROUGH COUNTY (10002)
STATE ROAD NO. US41



GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2021-22 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, July 2022 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

ROADWAY PLANS

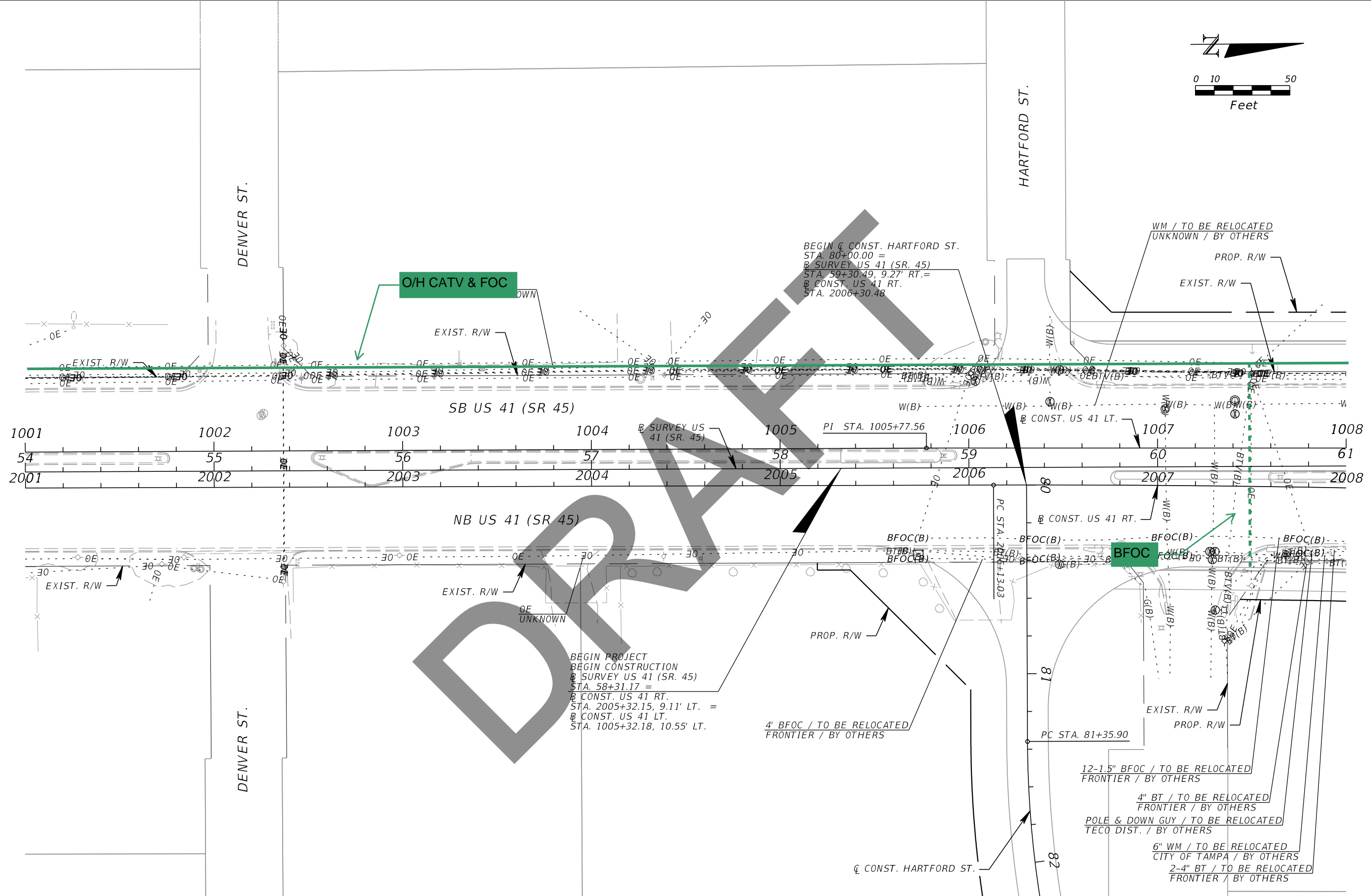
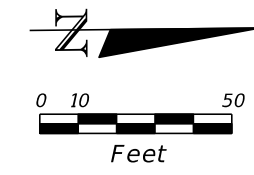
ENGINEER OF RECORD:

BRANAN R. ANDERSON, P.E. NO.: 78438
KISINGER CAMPO AND ASSOCIATES CORP.
CONSULTING ENGINEERS & PLANNERS
201 N. FRANKLIN STREET, SUITE 400
TAMPA, FLORIDA 33602
(813) 871-5331
VENDOR NUMBER.: F59-1677145

FDOT PROJECT MANAGER:

TIM O'BRIEN P.E.

| CONSTRUCTION CONTRACT NO. | FISCAL YEAR | SHEET NO. |
|---------------------------|-------------|-----------|
| TBD | 21 | 1 |



O/H CATV & FOC

BFOC

| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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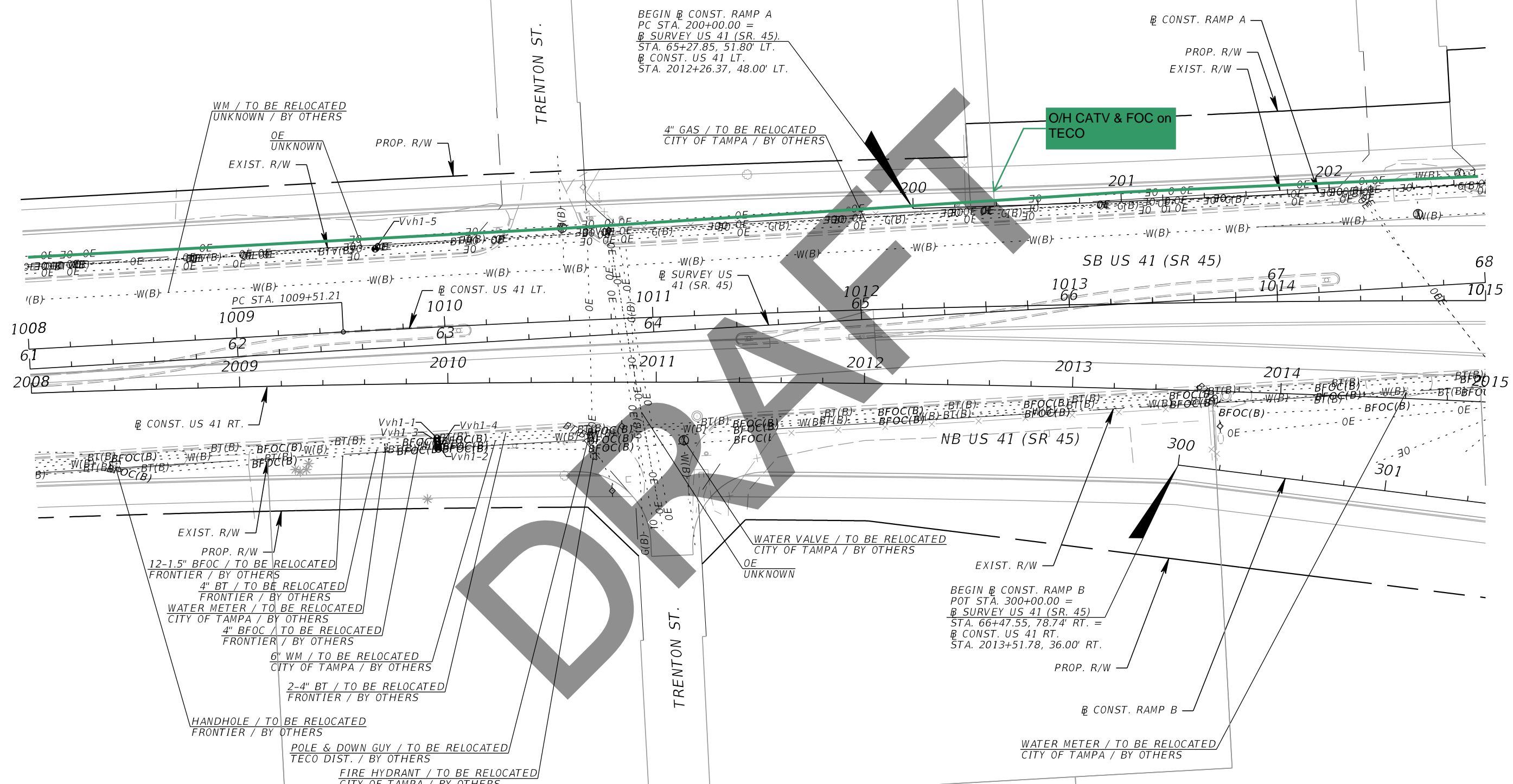
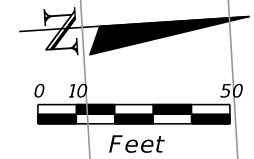
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UTILITY ADJUSTMENTS (1)

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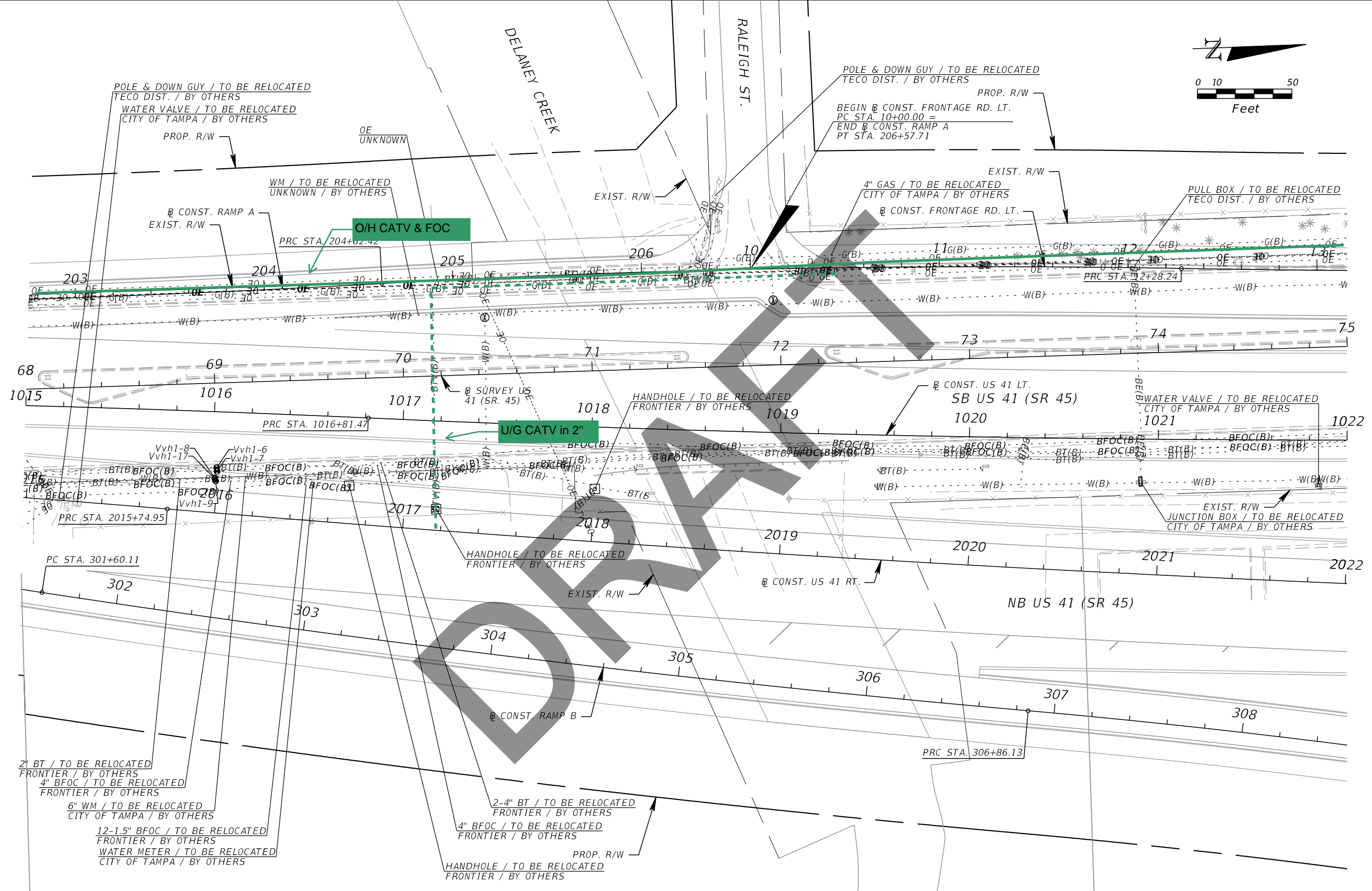
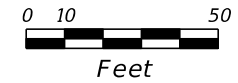
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UTILITY ADJUSTMENTS (2)

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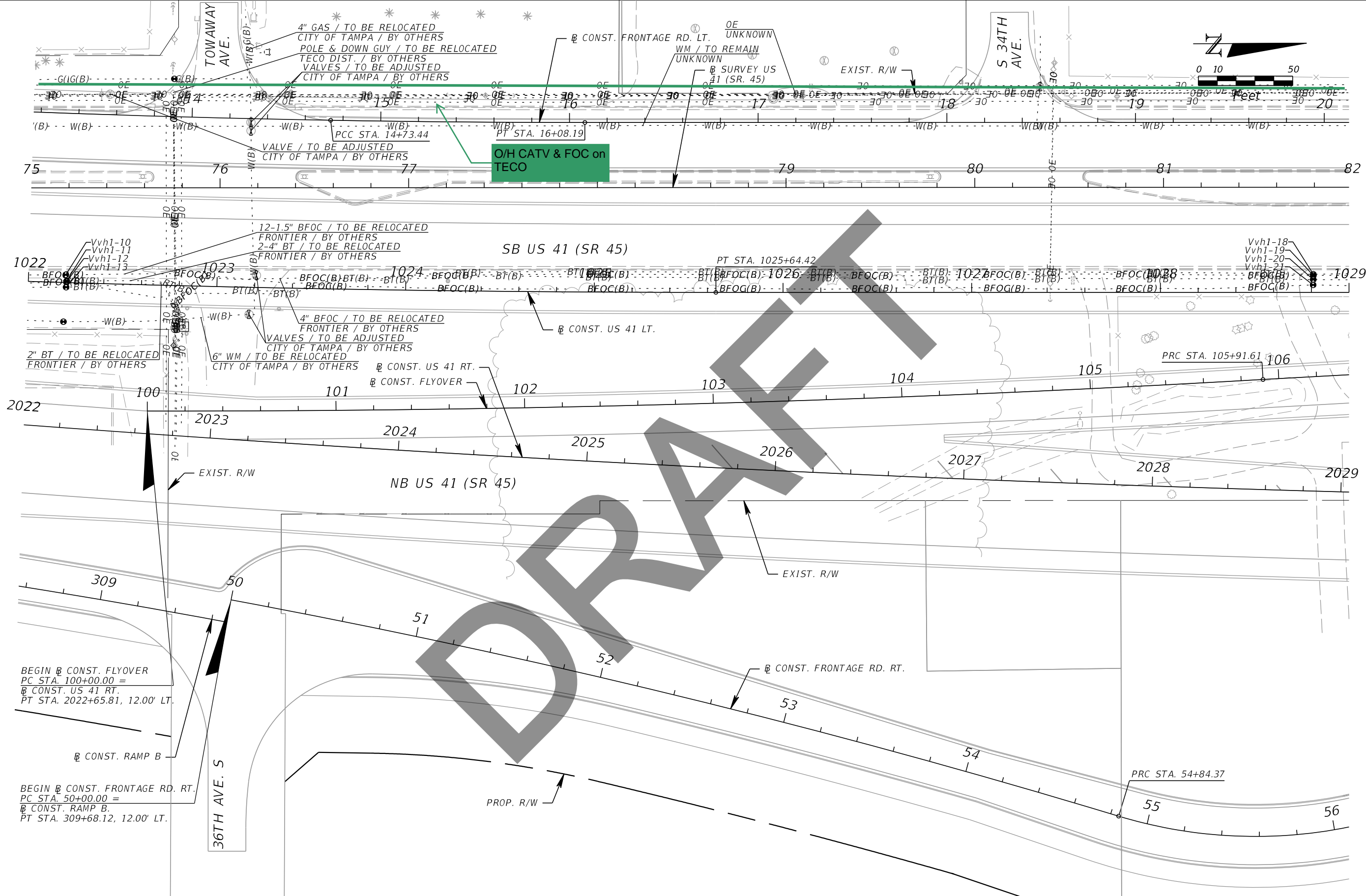
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| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (3)

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O/H CATV & FOC on TECO

DRAFT

BEGIN CONST. FLYOVER
PC STA. 100+00.00 =
CONST. US 41 RT.
PT STA. 2022+65.81, 12.00' LT.

BEGIN CONST. FRONTAGE RD. RT.
PC STA. 50+00.00 =
CONST. RAMP B.
PT STA. 309+68.12, 12.00' LT.

| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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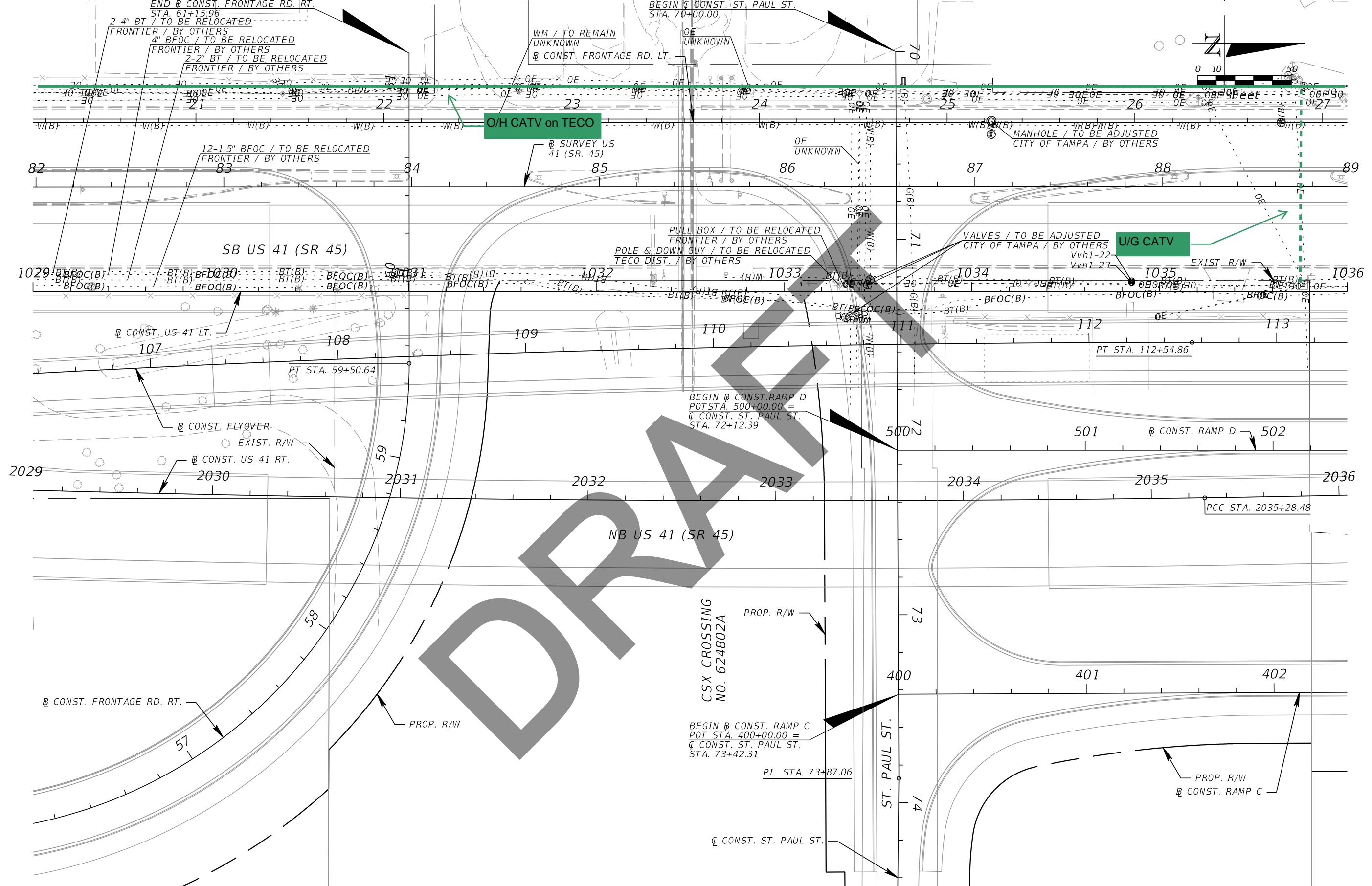
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| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (4)

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| REVISIONS | | | |
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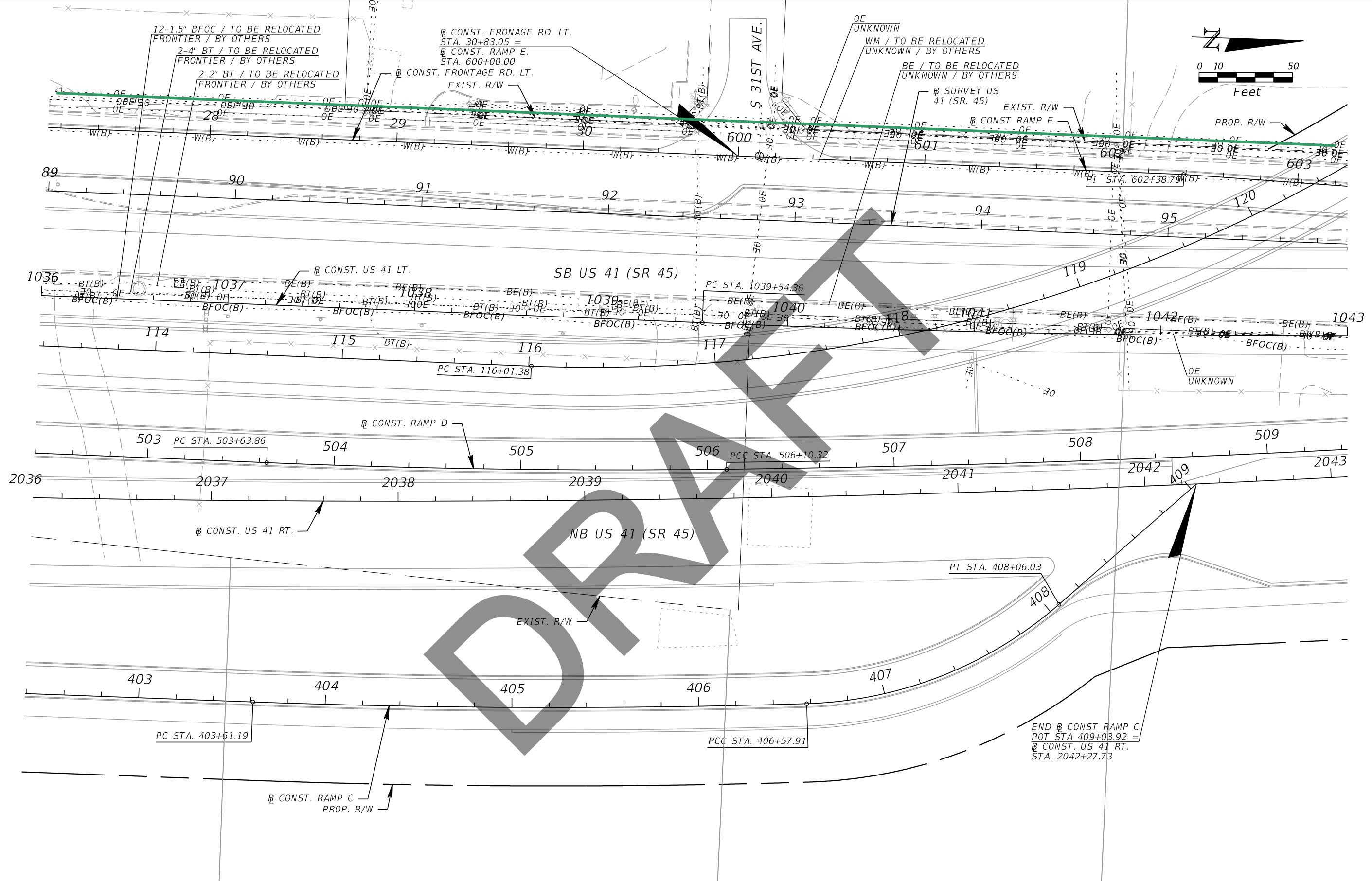
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UTILITY ADJUSTMENTS (5)

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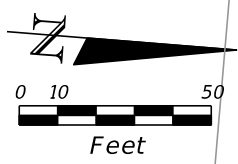
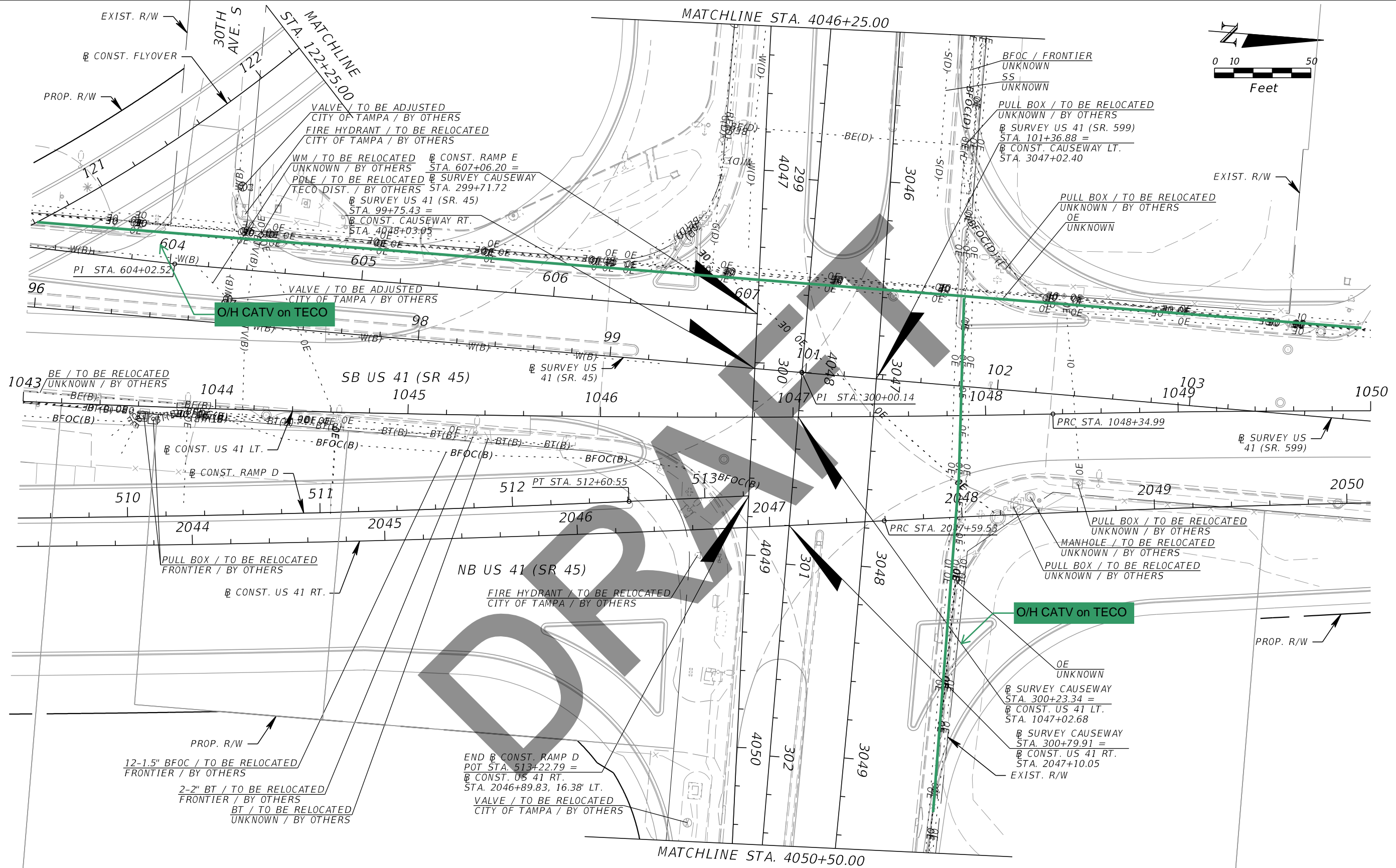
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UTILITY ADJUSTMENTS (6)

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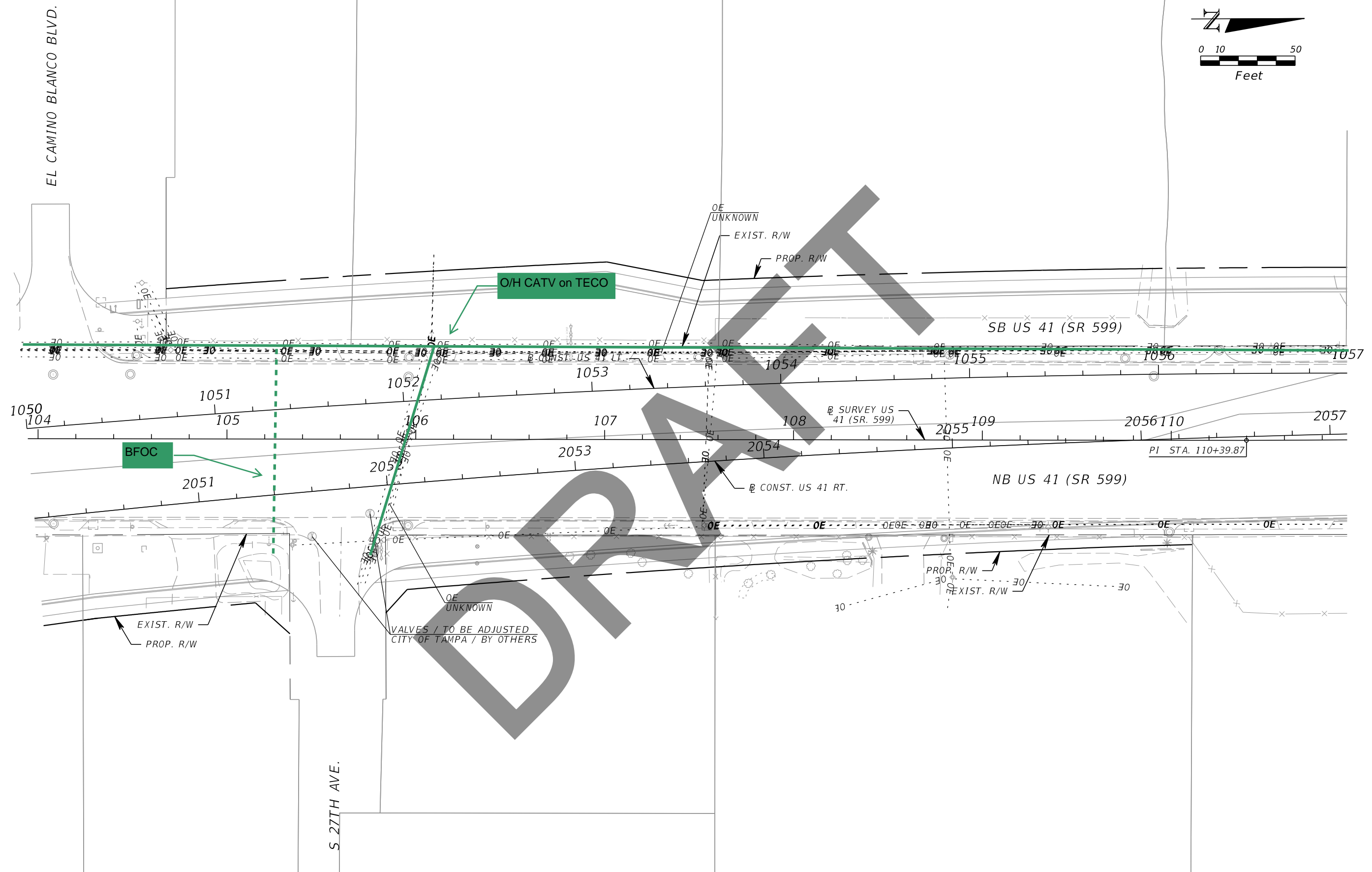
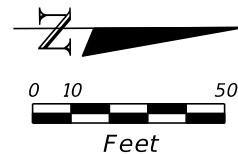
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UTILITY ADJUSTMENTS (7)

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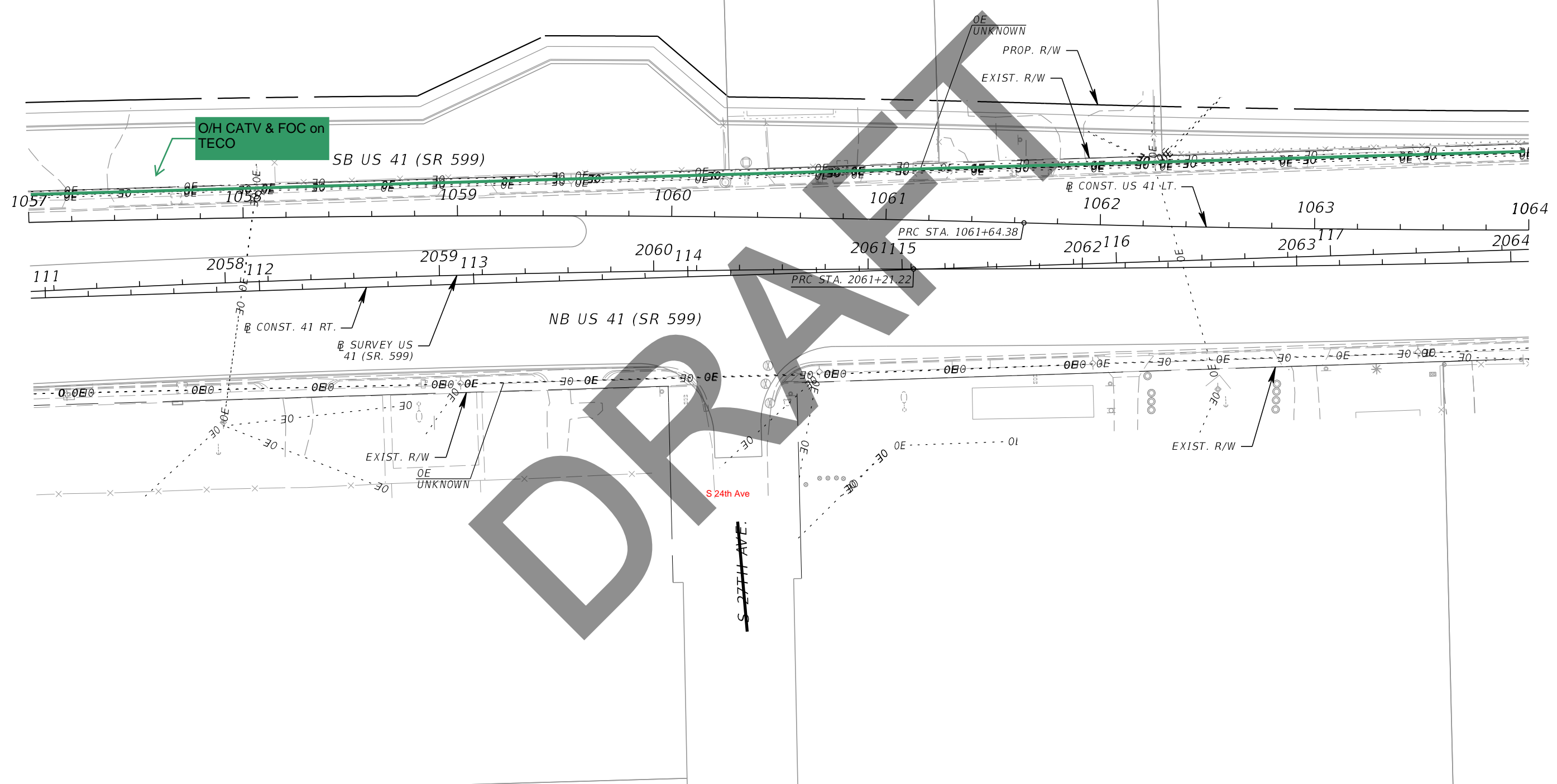
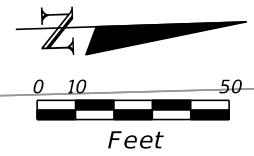
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UTILITY ADJUSTMENTS (8)

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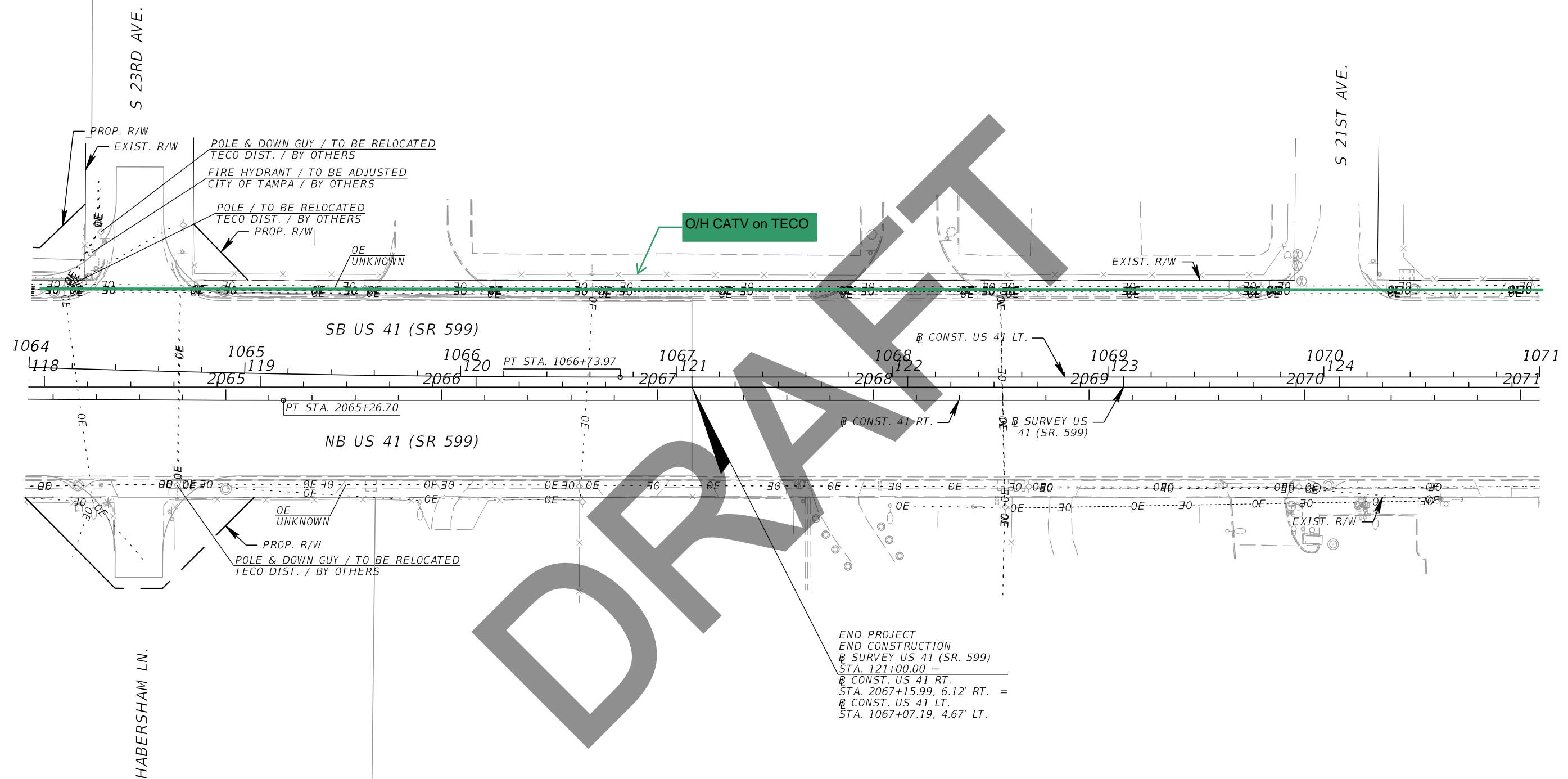
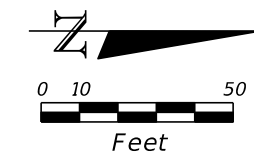
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (9)

SHEET NO.

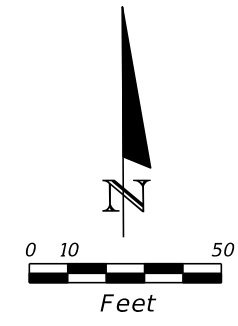
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END PROJECT
 END CONSTRUCTION
 @ SURVEY US 41 (SR. 599)
 STA. 121+00.00 =
 @ CONST. US 41 RT.
 STA. 2067+15.99, 6.12' RT. =
 @ CONST. US 41 LT.
 STA. 1067+07.19, 4.67' LT.

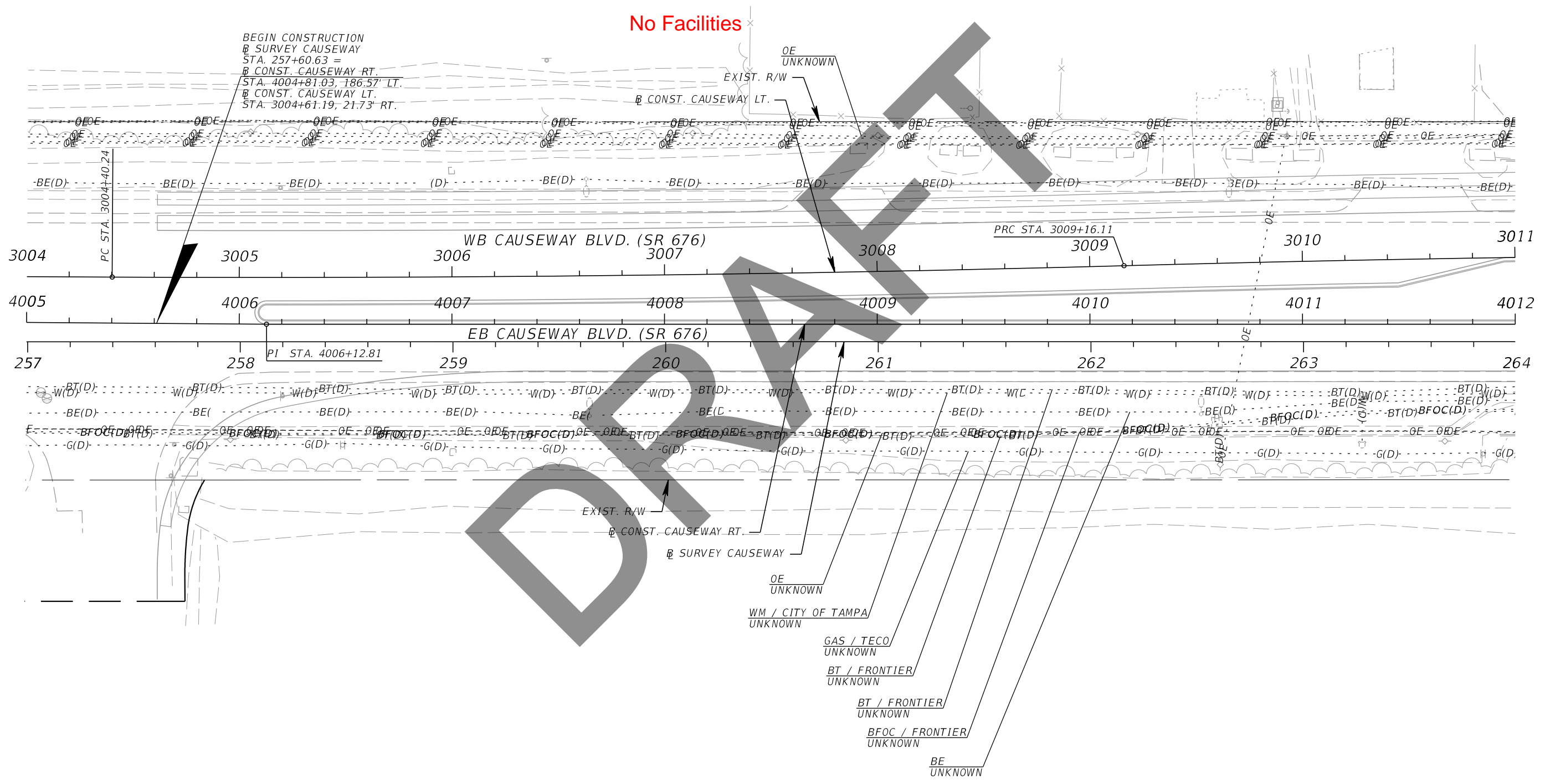
| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (10) | SHEET NO. |
|-----------|-------------|------|-------------|---|--|--------------|----------------------|--------------------------|--------------|
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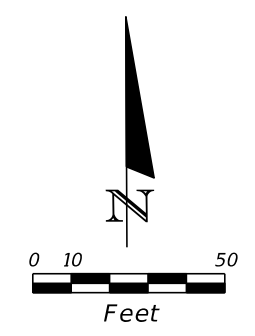


No Facilities

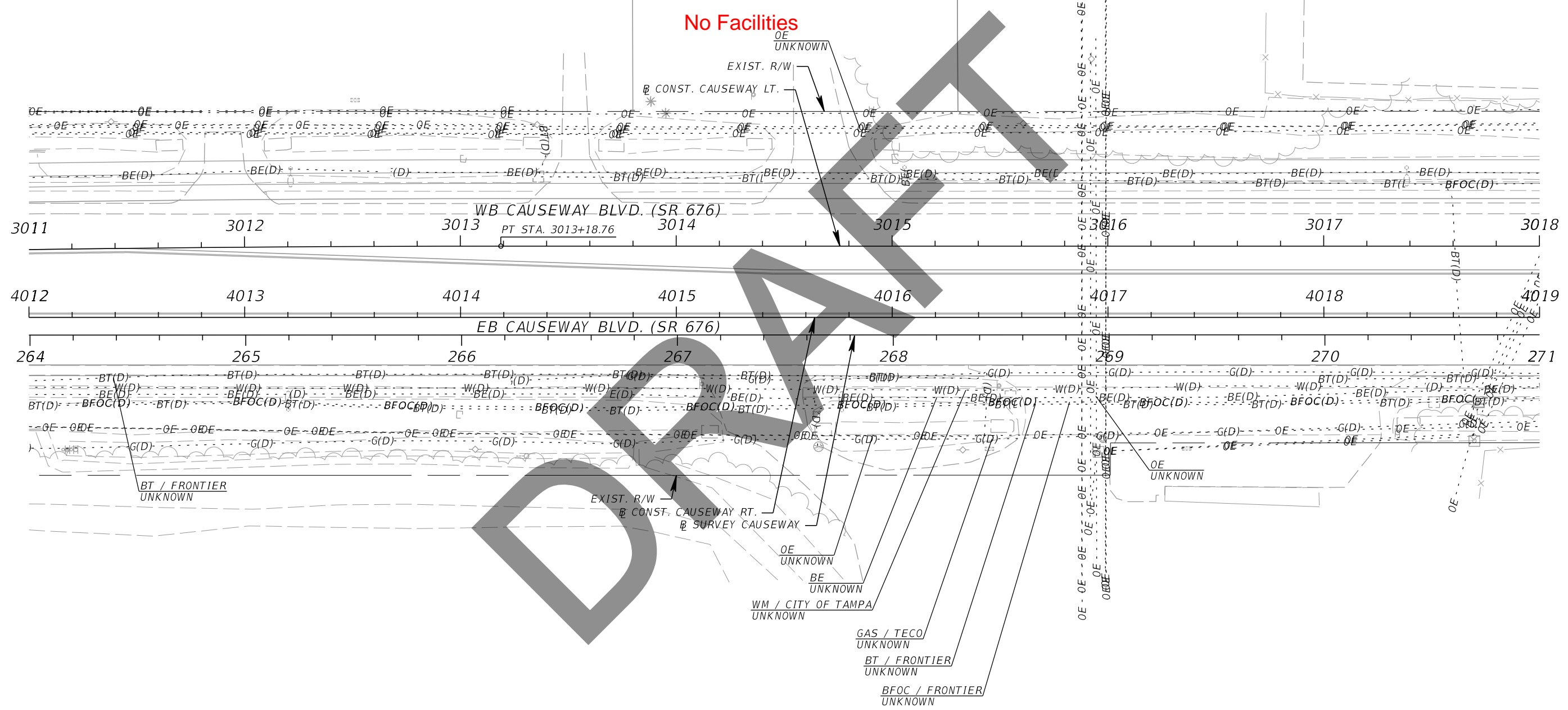
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 @ SURVEY CAUSEWAY
 STA. 257+60.63 =
 @ CONST. CAUSEWAY RT.
 STA. 4004+81.03, 186.57' LT.
 @ CONST. CAUSEWAY LT.
 STA. 3004+61.19, 21.73' RT.



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|-----------|-------------|------|-------------|---|--|--------------|----------------------|--------------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |



No Facilities



| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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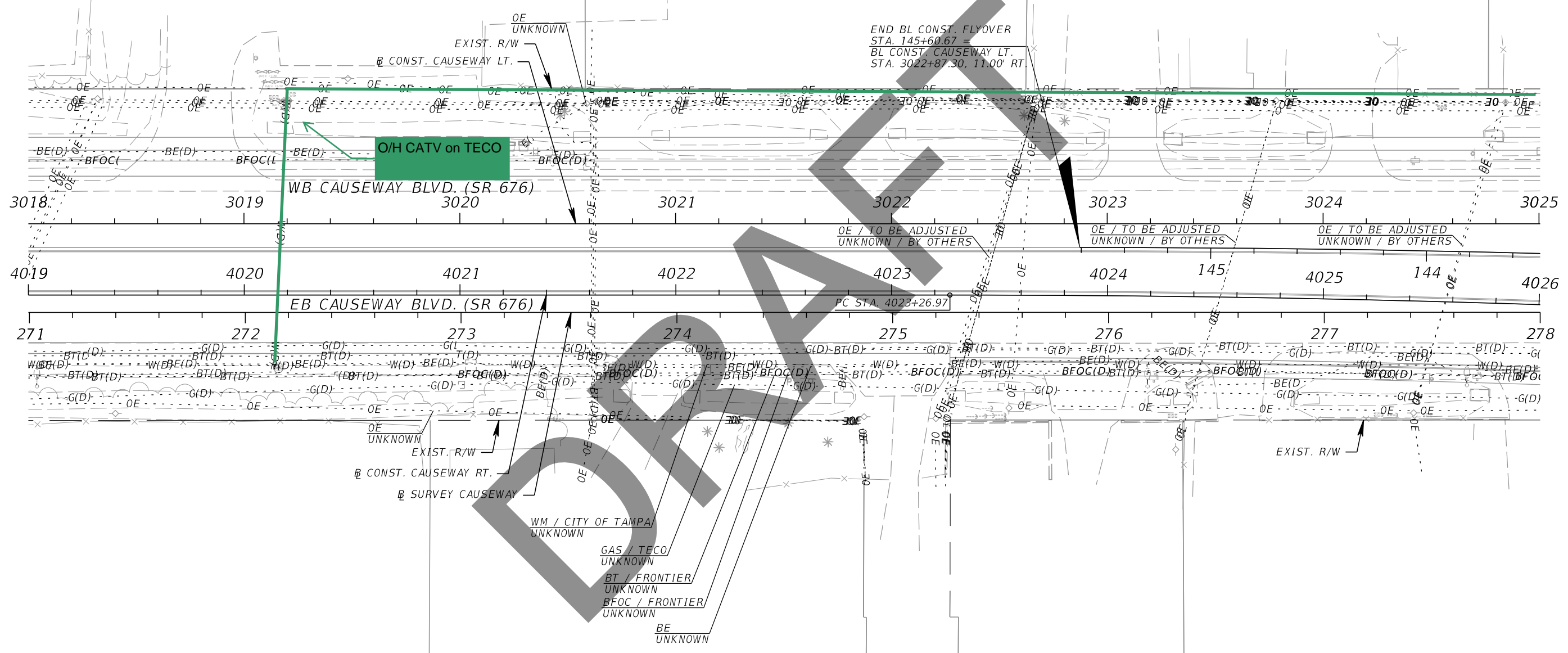
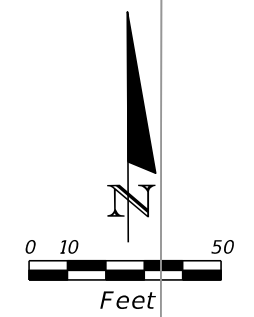
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UTILITY ADJUSTMENTS (12)

SHEET NO.

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- WM / CITY OF TAMPA
UNKNOWN
- GAS / TECO
UNKNOWN
- BT / FRONTIER
UNKNOWN
- BFOC / FRONTIER
UNKNOWN
- BE
UNKNOWN

| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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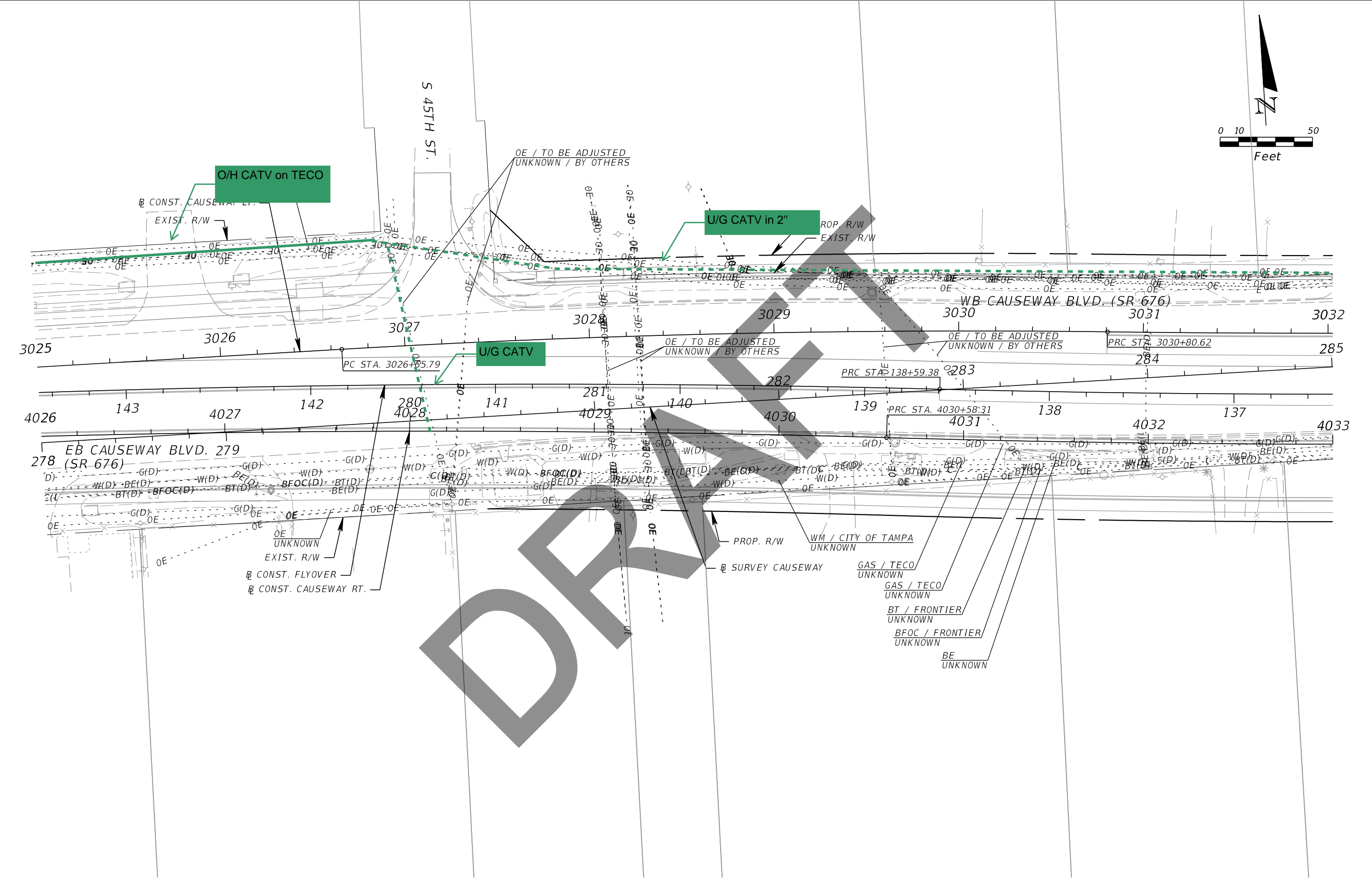
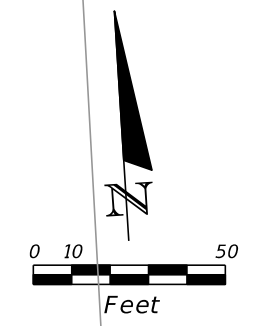
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UTILITY ADJUSTMENTS (13)

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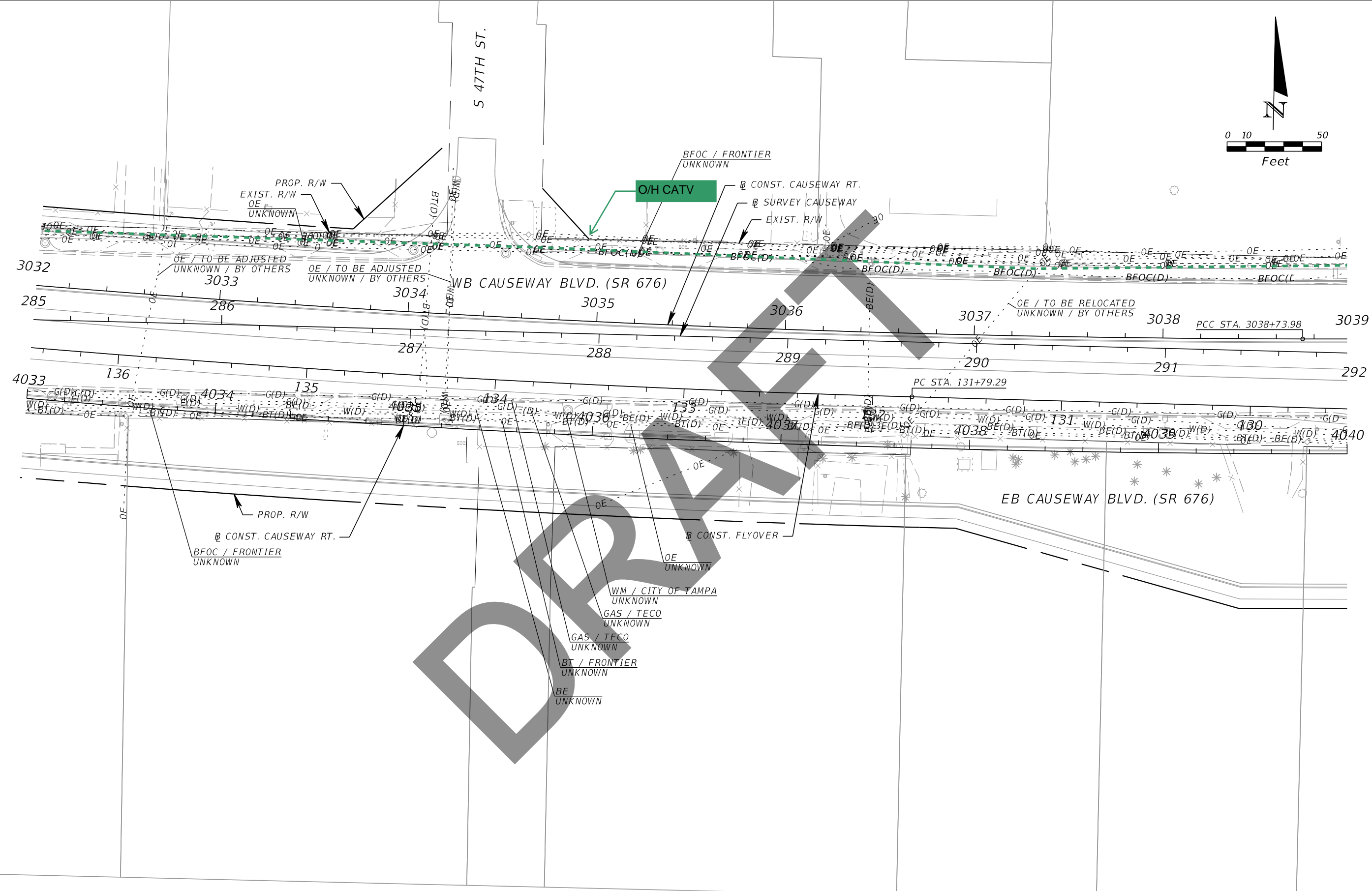
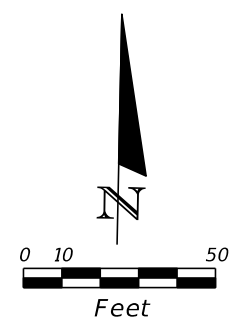
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 Engineer of Record: Branan R. Anderson, PE
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (14)

SHEET NO.

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



| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

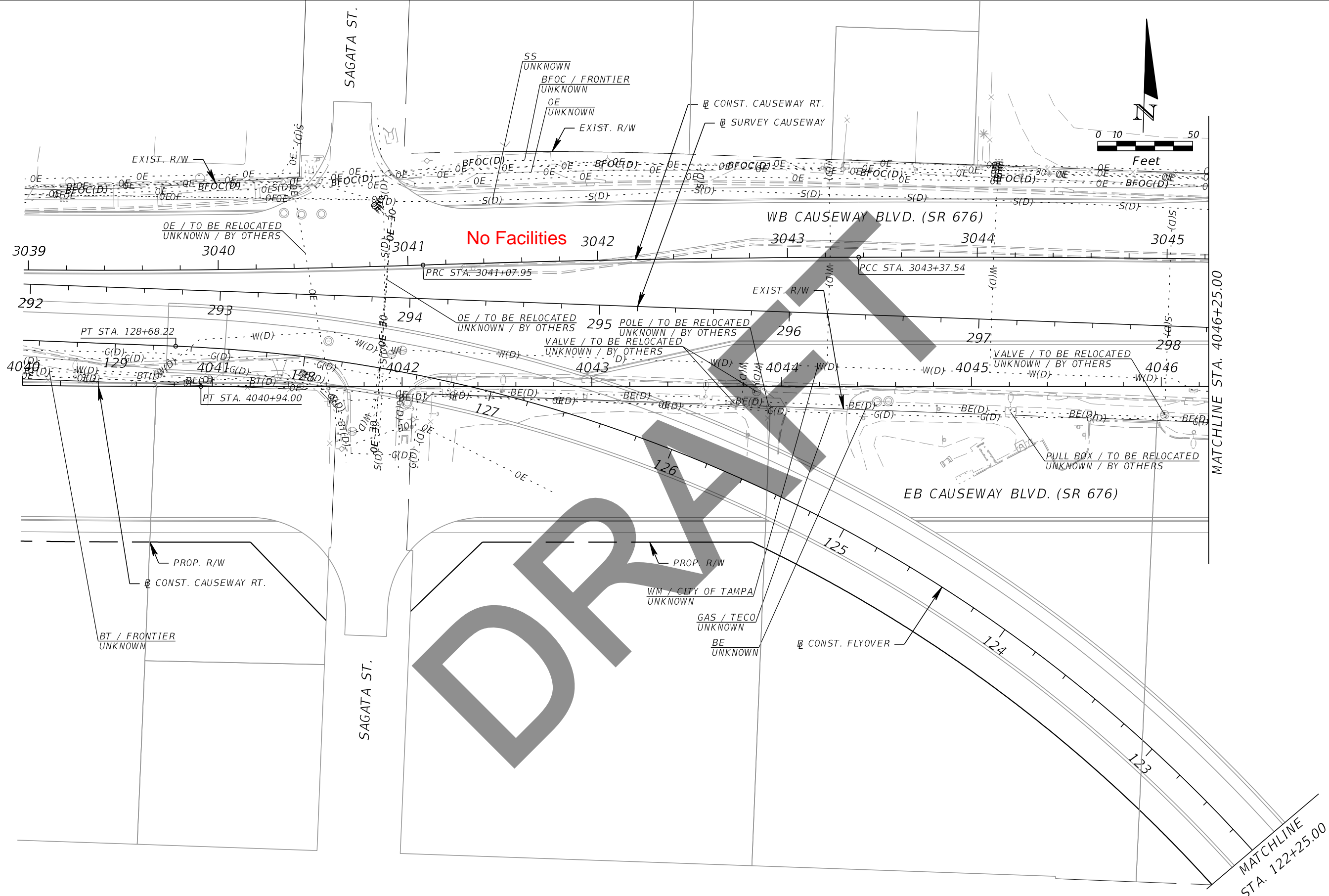
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| | | |
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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (15)

SHEET NO.

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



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

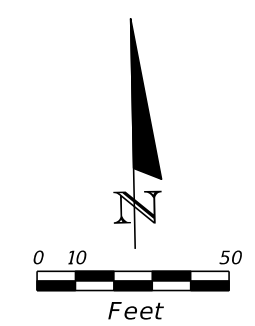
| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

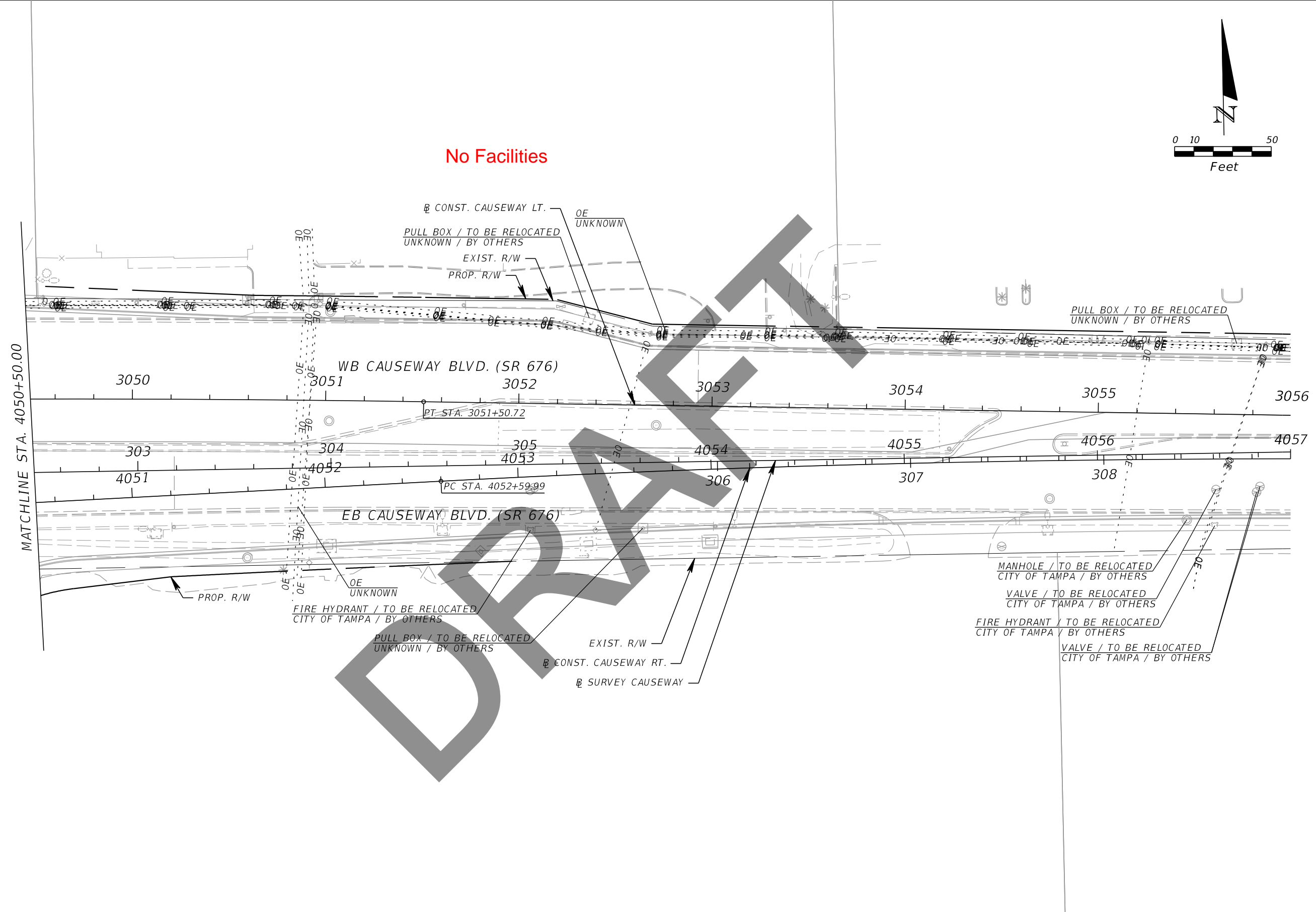
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|--|--------------|----------------------|
| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (16)

SHEET NO.

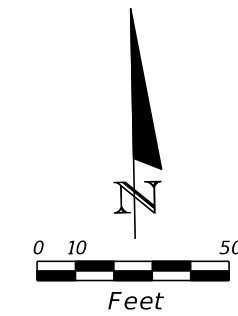


No Facilities



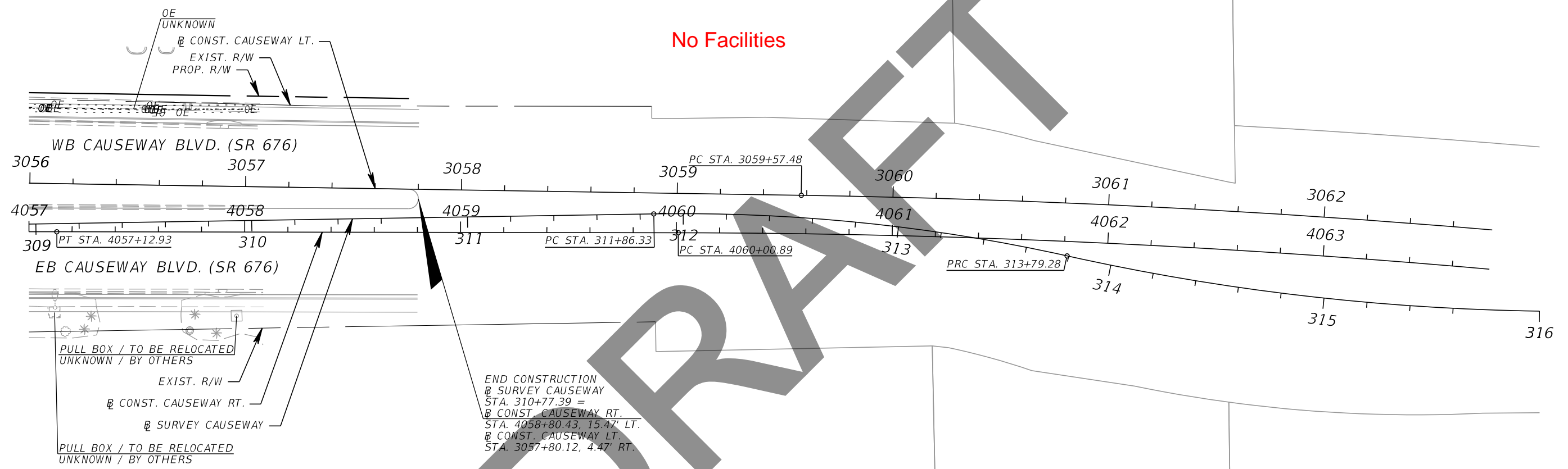
MATCHLINE STA. 4050+50.00

| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (17) | SHEET NO. |
|-----------|-------------|------|-------------|---|--|--------------|----------------------|--------------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |



No Facilities

DRAFT



| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (18) | SHEET NO. |
|-----------|-------------|------|-------------|---|--|--------------|----------------------|--------------------------|--------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

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

| Date: | 12/04/2018 | Test Hole Data Report | | | | | | | Crew Members: | | | DW, TG | | |
|--|------------------------------|---|---|---------------------------------------|--------------------------------------|----------------------------|---------------|--------------|---|------------------------|----------------------------------|-----------------------------|------------------|-------------------|
| ECHO Project #: | 18-252 | 16514 N. Dale Mabry Hwy. Tampa, Florida 33618 | | | | | | | ECHO UES, Inc. www.echoues.com 888.778.ECHO | | | City, State: | | Tampa, Florida |
| Financial Project #: | N/A | 1511 E. SR434, Ste. 2001, #252 Winter Springs, Florida 32708 | | | | | | | UTILITY ENGINEERING & SURVEY | | | General Location: | | US 41 |
| Truck No.: | D-3/T-2 | | | | | | | | - GROW, INSPIRE, MAKE A DIFFERENCE - | | | Coordinate Unit of Measure: | | US Survey Feet |
| Utility Type | | Utility Material | | | | Identified By: | | | Abbreviations | | Offset Measured From: | | | |
| BE = Buried Electrical | RW = Reclaimed Water | AC = Transite | FIBG = Fiberglass | HUB = Survey Hub | N/A = Not Applicable | EP = Edge of Pavement | | | | | | | | |
| GM = Gas Main | SL = Street Light | CI = Cast Iron | HDPE = High Density Polyethylene Pipe | IRC = Iron Rod & Cap "ECHO TEST HOLE" | NAD = North American Datum | BC = Back of Curb | | | | | | | | |
| BT = Buried Telephone | TS = Traffic Signal | CP = Concrete Pipe | PE = Polyethylene Pipe | NL = Nail & Disk "ECHO TEST HOLE" | Datum | BL = Baseline of Survey | | | | | | | | |
| FOC = Fiber Optic Cable | FL = Fuel Line | DBC = Direct Buried Cable | PVC = Polyvinyl Chloride | SLEEVE = Sleeve | NAVD = North American Vertical Datum | COORD = Survey Coordinates | | | | | | | | |
| WM = Water Main | GS = Gas Service | CMP = Corrugated Metal Pipe | STL = Steel | X = "X" in Concrete | Vertical Datum | CL = Centerline | | | | | | | | |
| SAN = Sanitary Sewer | WS = Water Service | CONC = Concrete | VCP = Vitrified Clay Pipe | Surface Type | | HUB = Survey Hub | | | | | | | | |
| STM = Storm Sewer | UNK = Unknown Utility | CPP = Corrugated Plastic Pipe | PCCP = Prestressed Cylinder Concrete Pipe | ASPH = Asphalt | COT = City of Tampa | RW = Right of Way | | | | | | | | |
| CATV = Cable Television | BED = Buried Electrical Duct | DCT = Duct | Pipe | CONC = Concrete | | ST = Swing Ties | | | | | | | | |
| FM = Force Main | BTD = Buried Telephone Duct | DIP = Ductile Iron Pipe | RCP = Reinforced Concrete Pipe | NG = Natural Ground | | X = "X" in Concrete | | | | | | | | |
| Test Hole | Utility Type | Utility Material | Utility Size Outside Diameter inches | Utility Manual Depth feet | Cross Sectional View | Utility Direction | Identified By | Surface Type | Surface Thickness inches | Apparent Utility Owner | Datums: | | Ground Elevation | Utility Elevation |
| | | | | | | | | | | | Horizontal: | Vertical: | | |
| | | | | | | | | | | | NAD83/11 | NAVD88 | | |
| | | | | | | | | | | | Northing | Easting | | |
| 1-1 | BT | PVC | 2 - 4" | 3.26' | | ↕ | IRC | NG | N/A | FRONTIER | 1301204.90' | 526413.67' | 7.51' | 4.25' |
| 1-2 | WM | CI | 6" | 3.30' | | ↕ | IRC | NG | N/A | COT | 1301205.19' | 526416.74' | 7.48' | 4.18' |
| 1-3 | FOC/BT | PVC | 4" | 2.47' | | ↕ | IRC | NG | N/A | FRONTIER | 1301204.95' | 526415.25' | 7.48' | 5.01' |
| 1-4 | FOC | PE | 12 - 1.5" | 8.80' | | ↕ | IRC | NG | N/A | FRONTIER | 1301205.12' | 526418.96' | 7.36' | -1.44' |
| 1-5 | CATV | PVC | 2 - 2" | 5.54' | | ↕ | IRC | NG | N/A | SPECTRUM | 1301181.11' | 526321.06' | 6.85' | 1.31' |
| 1-6 | BT | PVC | 2 - 4" | 3.44' | | ↕ | IRC | NG | N/A | FRONTIER | 1301811.38' | 526417.02' | 6.84' | 3.40' |
| 1-7 | FOC/BT | PVC | 4" | 2.42' | | ↕ | IRC | NG | N/A | FRONTIER | 1301811.47' | 526418.97' | 6.84' | 4.42' |
| 1-8 | WM | UNK | UNK | 10.06' | | ↕ | IRC | NG | N/A | COT | 1301810.12' | 526422.34' | 6.83' | -3.23' |
| 1-9 | FOC/BT | PVC | 4" | 3.34' | | ↕ | IRC | NG | N/A | FRONTIER | 1301810.56' | 526424.00' | 6.49' | 3.15' |
| Notes: 1-8 - Unable to visually verify size and matterial due to depth and groundwater. Possible 6" cast iron. | | | | | | | | | | | | | | |
| | | | | | | | | | | | Prepared by: EE Date: 02/12/2019 | | | |
| | | | | | | | | | | | Checked by: AB Date: 02/12/2019 | | | |

| | | | | | | | | | |
|-----------|-------------|------|-------------|---|--|----------------|----------------------|--------------------------|-----------|
| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (19) | SHEET NO. |
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | | |

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

| | | | | | | | | |
|----------------------|------------|---|--|---|---------------|-----------------------------|----------------|----------------|
| Date: | 12/05/2018 | Test Hole Data Report | | | Crew Members: | DW, TG | | |
| ECHO Project #: | 18-252 | 16514 N. Dale Mabry Hwy. Tampa, Florida 33618 | | ECHO UES, Inc. www.echoues.com 888.778.ECHO | City, State: | | Tampa, Florida | |
| Financial Project #: | N/A | 1511 E. SR434, Ste. 2001, #252 Winter Springs, Florida 32708 | | UTILITY ENGINEERING & SURVEY | | General Location: | | US 41 |
| Truck No.: | D-3/T-2 | | | - GROW, INSPIRE, MAKE A DIFFERENCE - | | Coordinate Unit of Measure: | | US Survey Feet |

| Utility Type | | Utility Material | | | Identified By: | | Abbreviations | | Offset Measured From: | |
|-------------------------|------------------------------|-------------------------------|---|--|---------------------------------------|--|--------------------------------------|--|----------------------------|--|
| BE = Buried Electrical | RW = Reclaimed Water | AC = Transite | FIBG = Fiberglass | | HUB = Survey Hub | | N/A = Not Applicable | | EP= Edge of Pavement | |
| GM = Gas Main | SL = Street Light | CI= Cast Iron | HDPE = High Density Polyethylene Pipe | | IRC = Iron Rod & Cap "ECHO TEST HOLE" | | NAD = North American Datum | | BC = Back of Curb | |
| BT = Buried Telephone | TS = Traffic Signal | CP = Concrete Pipe | PE = Polyethylene Pipe | | NL = Nail & Disk "ECHO TEST HOLE" | | NAVD = North American Vertical Datum | | BL = Baseline of Survey | |
| FOC = Fiber Optic Cable | FL = Fuel Line | DBC = Direct Buried Cable | PVC = Polyvinyl Chloride | | SLEEVE = Sleeve | | X = "X" in Concrete | | COORD = Survey Coordinates | |
| WM = Water Main | GS = Gas Service | CMP = Corrugated Metal Pipe | STL = Steel | | ASPH = Asphalt | | CONC = Concrete | | CL = Centerline | |
| SAN = Sanitary Sewer | WS = Water Service | CONC = Concrete | VCP = Vitrified Clay Pipe | | NG = Natural Ground | | UNK = Unknown | | HUB = Survey Hub | |
| STM = Storm Sewer | UNK = Unknown Utility | CPP = Corrugated Plastic Pipe | PCCP = Prestressed Cylinder Concrete Pipe | | CONC = Concrete | | COT = City of Tampa | | RW = Right of Way | |
| CATV = Cable Television | BED = Buried Electrical Duct | DCT = Duct | RCP = Reinforced Concrete Pipe | | NG = Natural Ground | | X = "X" in Concrete | | | |
| FM = Force Main | BTD = Buried Telephone Duct | DIP = Ductile Iron Pipe | | | | | | | | |

| Test Hole | Utility Type | Utility Material | Utility Size Outside Diameter inches | Utility Manual Depth feet | Cross Sectional View | Utility Direction | Identified By | Surface Type | Surface Thickness inches | Apparent Utility Owner | Datums: | | Ground Elevation | Utility Elevation |
|-----------|--------------|------------------|--------------------------------------|---------------------------|----------------------|-------------------|---------------|--------------|--------------------------|------------------------|----------------------|------------------|------------------|-------------------|
| | | | | | | | | | | | Horizontal: NAD83/11 | Vertical: NAVD88 | | |
| | | | | | | | | | | | Northing | Easting | | |
| 1-10 | FOC | PE | 12 - 1.5" | 3.96' | | ↑ | IRC | NG | N/A | FRONTIER | 1302430.03' | 526421.52' | 6.62' | 2.66' |
| 1-11 | BT | PVC | 2 - 4" | 2.50' | | ↑ | IRC | NG | N/A | FRONTIER | 1302430.50' | 526424.77' | 6.68' | 4.18' |
| 1-12 | FOC/BT | PVC | 4" | 1.90' | | ↑ | IRC | NG | N/A | FRONTIER | 1302430.47' | 526425.15' | 6.69' | 4.79' |
| 1-13 | BT | DBC | 2" | 1.56' | | ↑ | IRC | NG | N/A | FRONTIER | 1302430.15' | 526428.11' | 6.81' | 5.25' |
| 1-14 | WM | DIP | 6" | 3.40' | | ↑ | IRC | NG | N/A | COT | 1302428.62' | 526446.38' | 8.20' | 4.80' |
| 1-15 | GM | STL | 4" | 3.00' | | ↑ | IRC | NG | N/A | COT | 1302488.18' | 526318.06' | 6.08' | 3.08' |
| 1-16 | BT | PVC | 4" | 3.50' | | ↑ | IRC | NG | N/A | FRONTIER | 1301205.22' | 526417.96' | 7.50' | 4.00' |
| 1-17 | BT | DBC | 2" | 3.00' | | ↑ | IRC | NG | N/A | FRONTIER | 1301810.09' | 526422.72' | 6.80' | 3.80' |

| | | | | | | | | | | | | | |
|---------------|--|--|--|--|--|--|--|--|--|--|--|-----------------|------------------|
| Notes: | | | | | | | | | | | | | |
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| | | | | | | | | | | | | Prepared by: EE | Date: 02/12/2019 |
| | | | | | | | | | | | | Checked by: AB | Date: 02/12/2019 |

| | | | | | | | | | |
|-----------|-------------|------|-------------|---|--|--------------|----------------------|--------------------------|-----------|
| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (20) | SHEET NO. |
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

| Date: | 12/06/2018 | Test Hole Data Report | | | | | | | | Crew Members: DW, TG, MAJ | | | | |
|--|-----------------------------|---|---|-----------------------------------|----------------------|--|-------------------------|------------------------------|---------------------------|---------------------------------------|---------------------------------------|--------------------------------------|----------------------------|-------------------|
| ECHO Project #: | 18-252 | 16514 N. Dale Mabry Hwy. Tampa, Florida 33618 | | | | ECHO UES, Inc. www.echoues.com 888.778.ECHO | | | | City, State: Tampa, Florida | | | | |
| Financial Project #: | N/A | 1511 E. SR434, Ste. 2001, #252 Winter Springs, Florida 32708 | | | | UTILITY ENGINEERING & SURVEY - GROW, INSPIRE, MAKE A DIFFERENCE - | | | | General Location: US 41 | | | | |
| Truck No.: | D-3/T-2 | Coordinate Unit of Measure: US Survey Feet | | | | | | | | | | | | |
| Utility Type | | Utility Material | | | | Identified By: | | | | Abbreviations | | Offset Measured From: | | |
| BE = Buried Electrical | RW = Reclaimed Water | AC = Transite | FIBG = Fiberglass | HUB = Survey Hub | N/A = Not Applicable | EP = Edge of Pavement | GM = Gas Main | SL = Street Light | CI = Cast Iron | HDPE = High Density Polyethylene Pipe | IRC = Iron Rod & Cap "ECHO TEST HOLE" | NAD = North American Datum | BC = Back of Curb | |
| BT = Buried Telephone | TS = Traffic Signal | CP = Concrete Pipe | PE = Polyethylene Pipe | NL = Nail & Disk "ECHO TEST HOLE" | Datum | BL = Baseline of Survey | FOC = Fiber Optic Cable | FL = Fuel Line | DBC = Direct Buried Cable | PVC = Polyvinyl Chloride | SLEEVE = Sleeve | NAVD = North American Vertical Datum | COORD = Survey Coordinates | |
| WM = Water Main | GS = Gas Service | CMP = Corrugated Metal Pipe | STL = Steel | X = "X" in Concrete | Vertical Datum | CL = Centerline | SAN = Sanitary Sewer | WS = Water Service | CONC = Concrete | VCP = Vitrified Clay Pipe | Surface Type | | HUB = Survey Hub | |
| STM = Storm Sewer | UNK = Unknown Utility | CPP = Corrugated Plastic Pipe | PCCP = Prestressed Cylinder Concrete Pipe | ASPH = Asphalt | COT = City of Tampa | RW = Right of Way | CATV = Cable Television | BED = Buried Electrical Duct | DCT = Duct | CONC = Concrete | | | ST = Swing Ties | |
| FM = Force Main | BTD = Buried Telephone Duct | DIP = Ductile Iron Pipe | RCP = Reinforced Concrete Pipe | NG = Natural Ground | | X = "X" in Concrete | | | | | | | | |
| Test Hole | Utility Type | Utility Material | Utility Size Outside Diameter inches | Utility Manual Depth feet | Cross Sectional View | Utility Direction | Identified By | Surface Type | Surface Thickness inches | Apparent Utility Owner | Datums: | | Ground Elevation | Utility Elevation |
| | | | | | | | | | | | Horizontal: NAD83/11 | Vertical: NAVD88 | | |
| | | | | | | | | | | | Northing | Easting | | |
| 1-18 | BT | PVC | 2 - 4" | 3.82' | | ↕ | IRC | NG | N/A | FRONTIER | 1303091.15' | 526425.13' | 7.04' | 3.22' |
| 1-19 | FOC/BT | PVC | 4" | 2.54' | | ↕ | IRC | NG | N/A | FRONTIER | 1303091.17' | 526425.73' | 6.99' | 4.45' |
| 1-20 | BT | LEAD | 2 - 2" | 3.00' | | ↕ | IRC | NG | N/A | FRONTIER | 1303091.09' | 526427.92' | 6.86' | 3.86' |
| 1-21 | FOC | UNK | 12 - 1.5" | 9.22' | | ↕ | IRC | NG | N/A | FRONTIER | 1303091.01' | 526430.76' | 6.58' | -2.64' |
| 1-22 | BT | LEAD | 2 - 2" | 2.00' | | ↕ | IRC | NG | N/A | FRONTIER | 1303695.15' | 526432.46' | 6.77' | 4.77' |
| 1-23 | BT | PVC | 2 - 4" | 2.76' | | ↕ | IRC | NG | N/A | FRONTIER | 1303695.20' | 526433.46' | 6.70' | 3.94' |
| 1-24 | BT | LEAD | 2 - 2" | 2.74' | | ↕ | IRC | NG | N/A | FRONTIER | 1304500.45' | 526435.53' | 7.28' | 4.54' |
| Notes: 1-21 - Unable to visually verify size and material due to depth and groundwater. Possibly 12 - 1.5" polyethylene pipes. | | | | | | | | | | | | | | |
| | | | | | | | | | | | Prepared by: EE Date: 02/12/2019 | | | |
| | | | | | | | | | | | Checked by: AB Date: 02/12/2019 | | | |

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

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|---|--------------|----------------------|--|--|--|
| Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | | | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | | |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 | | | |

| | | |
|---------------------------------|--|-----------|
| UTILITY ADJUSTMENTS (21) | | SHEET NO. |
|---------------------------------|--|-----------|

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

**STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION**

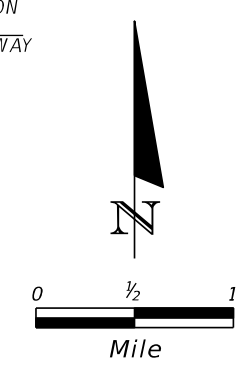
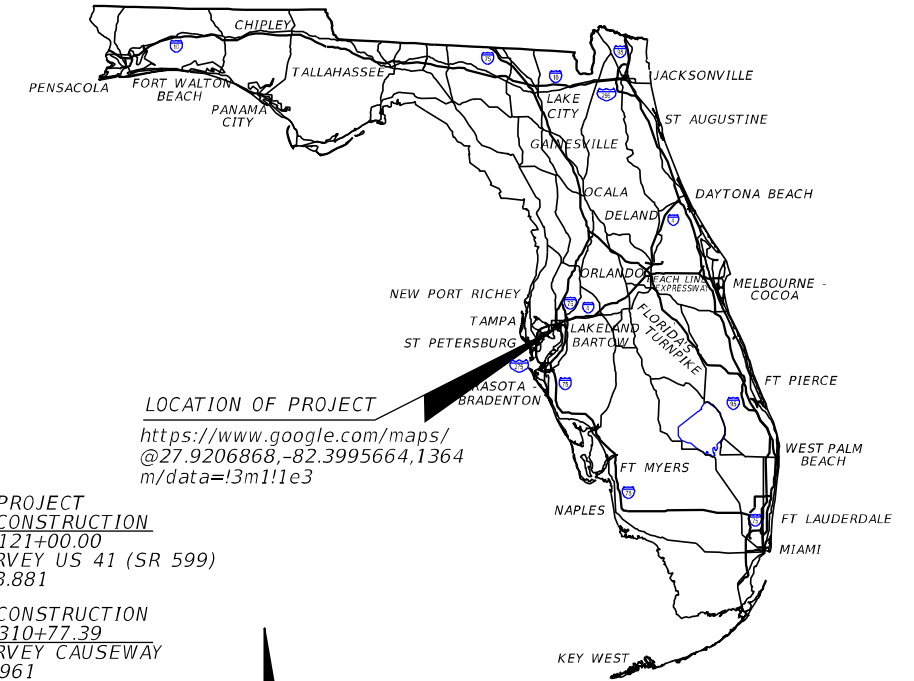
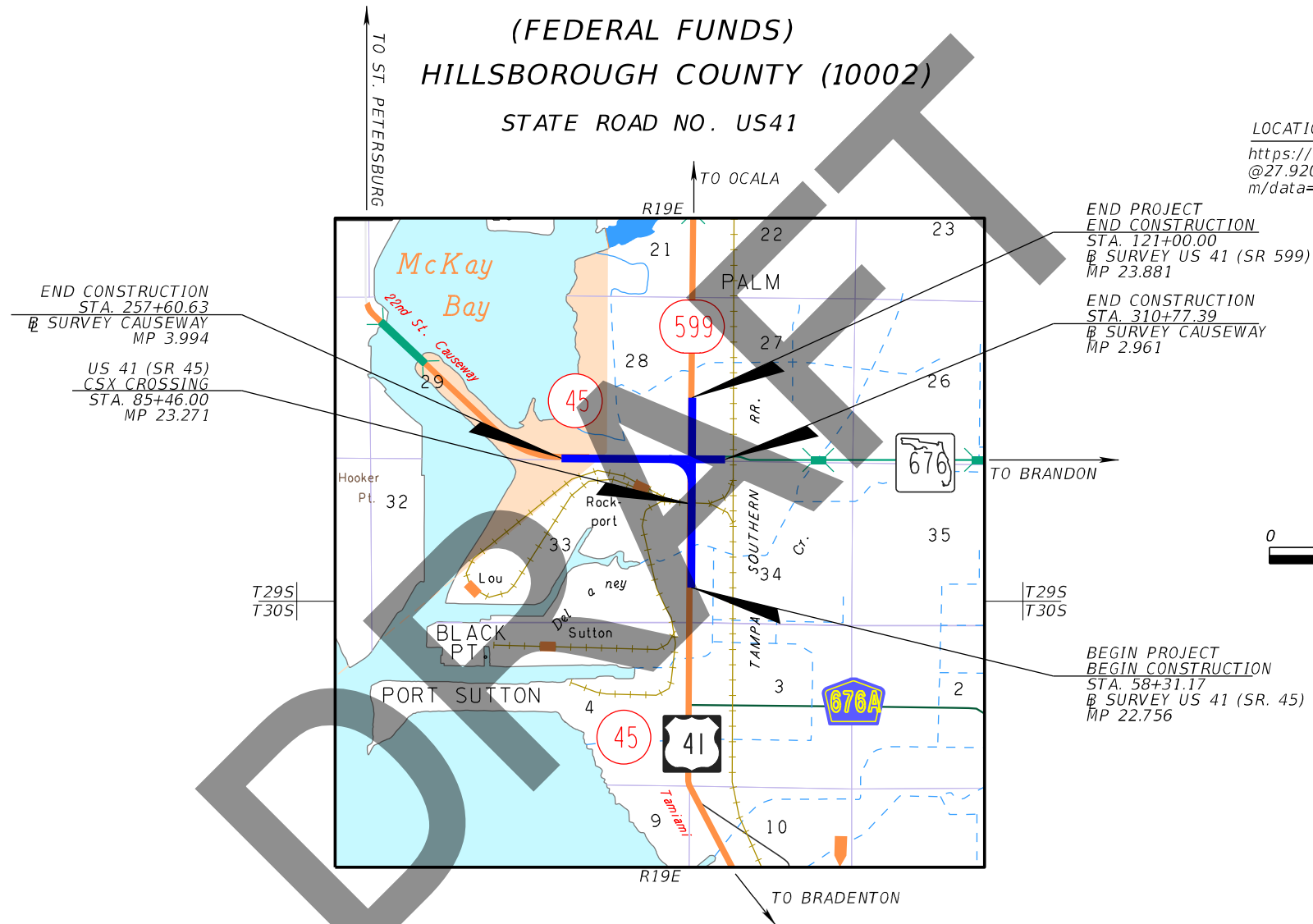
CONTRACT PLANS

FINANCIAL PROJECT ID 440749-1-52-01

(FEDERAL FUNDS)

HILLSBOROUGH COUNTY (10002)

STATE ROAD NO. US41



GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2021-22 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, July 2022 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

ROADWAY PLANS

ENGINEER OF RECORD:

BRANAN R. ANDERSON, P.E. NO.: 78438
KISINGER CAMPO AND ASSOCIATES CORP.
CONSULTING ENGINEERS & PLANNERS
201 N. FRANKLIN STREET, SUITE 400
TAMPA, FLORIDA 33602
(813) 871-5331
VENDOR NUMBER.: F59-1677145

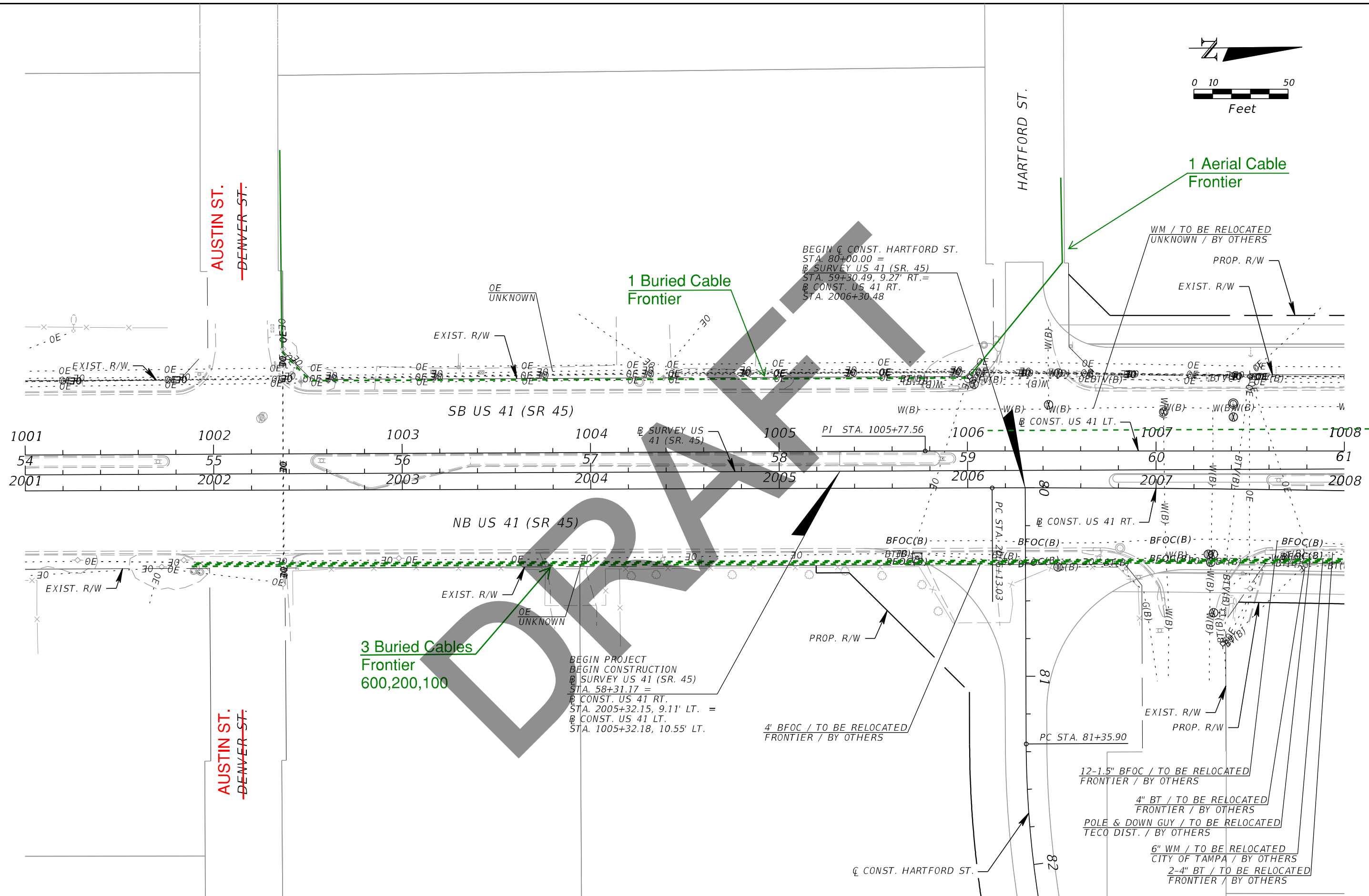
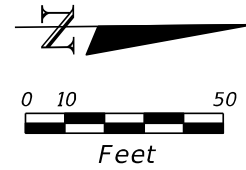
FDOT PROJECT MANAGER:

TIM O'BRIEN P.E.



**FRONTIER
COMMUNICATIONS**
3712 W WALNUT ST
TAMPA FL 33607

| CONSTRUCTION CONTRACT NO. | FISCAL YEAR | SHEET NO. |
|---------------------------|-------------|-----------|
| TBD | 21 | 1 |



AUSTIN ST.
-DENVER ST.-

AUSTIN ST.
-DENVER ST.-

1 Buried Cable Frontier

1 Aerial Cable Frontier

3 Buried Cables Frontier
600,200,100

BEGIN CONST. HARTFORD ST.
STA. 80+00.00 =
B SURVEY US 41 (SR. 45)
STA. 59+30.49, 9.27' RT. =
B CONST. US 41 RT.
STA. 2006+30.48

BEGIN PROJECT
BEGIN CONSTRUCTION
B SURVEY US 41 (SR. 45)
STA. 58+31.17 =
B CONST. US 41 RT.
STA. 2005+32.15, 9.11' LT. =
B CONST. US 41 LT.
STA. 1005+32.18, 10.55' LT.

WM / TO BE RELOCATED
UNKNOWN / BY OTHERS

PROP. R/W

EXIST. R/W

4' BFOC / TO BE RELOCATED
FRONTIER / BY OTHERS

12-1.5" BFOC / TO BE RELOCATED
FRONTIER / BY OTHERS

4" BT / TO BE RELOCATED
FRONTIER / BY OTHERS

POLE & DOWN GUY / TO BE RELOCATED
TECO DIST. / BY OTHERS

6" WM / TO BE RELOCATED
CITY OF TAMPA / BY OTHERS
2-4" BT / TO BE RELOCATED
FRONTIER / BY OTHERS

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

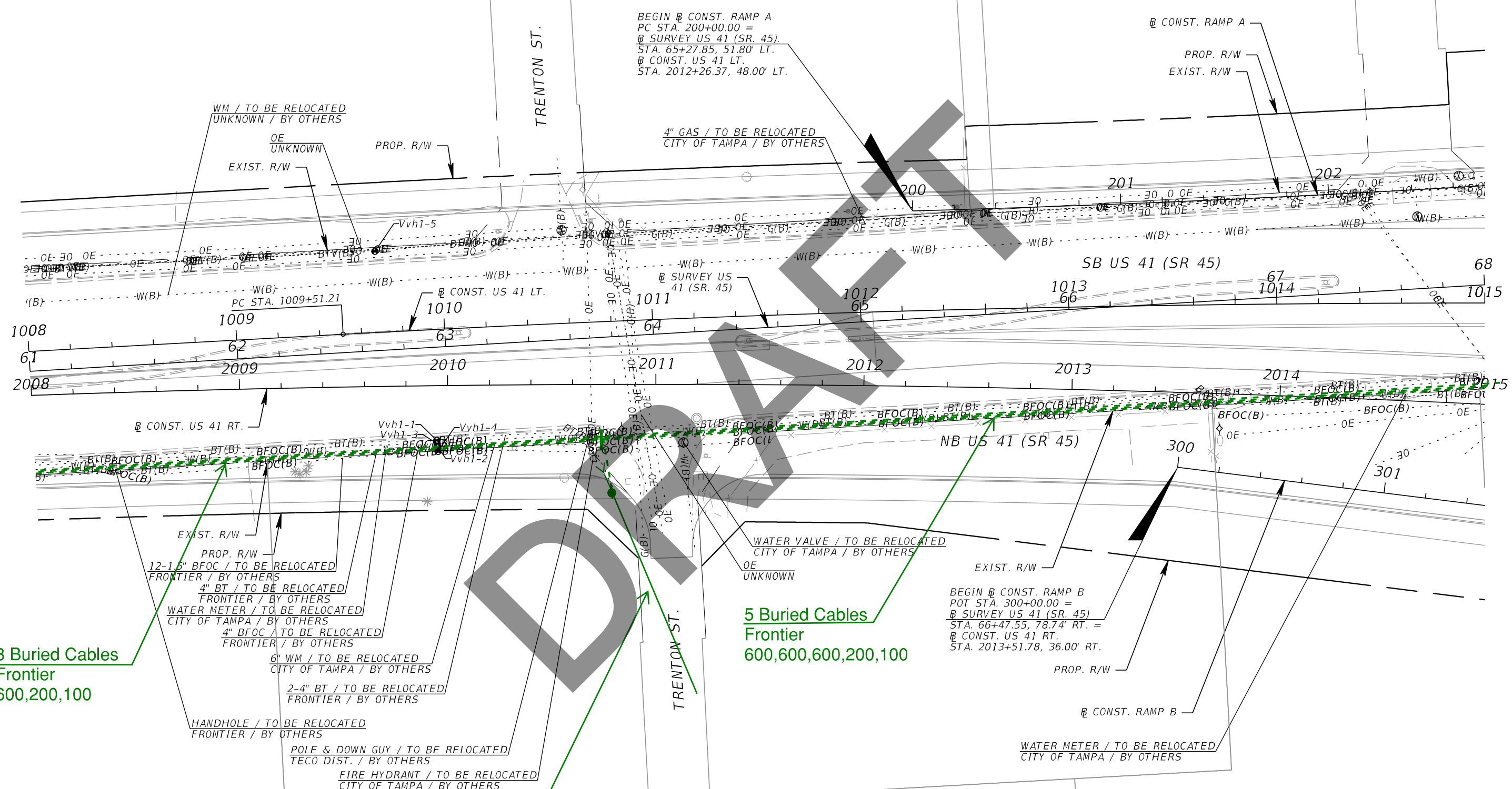
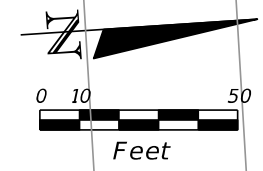
FRONTIER COMMUNICATIONS
3712 W WALNUT ST
TAMPA FL 33607

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (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.

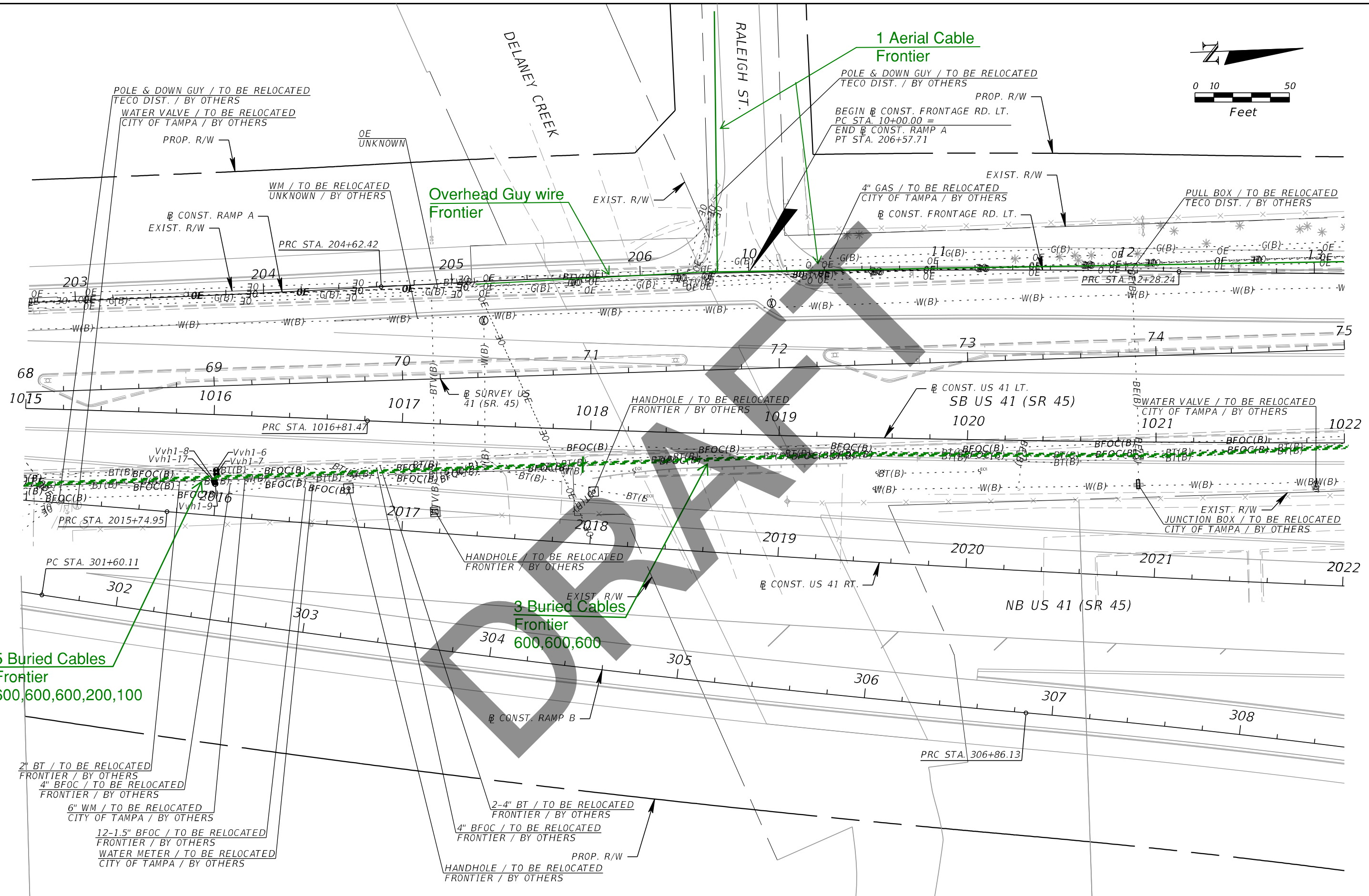
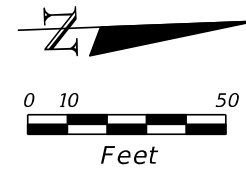


3 Buried Cables
Frontier
600,200,100

5 Buried Cables
Frontier
600,600,600,200,100

1 Aerial Cable
Frontier

| REVISIONS | | | |  FRONTIER COMMUNICATIONS 5712 W WALNUT ST TAMPA FL 33607 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (2) | SHEET NO. |
|-----------|-------------|------|-------------|--|--|--------------|----------------------|--------------------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |



5 Buried Cables Frontier
600,600,600,200,100

3 Buried Cables Frontier
600,600,600

1 Aerial Cable Frontier

Overhead Guy wire Frontier

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

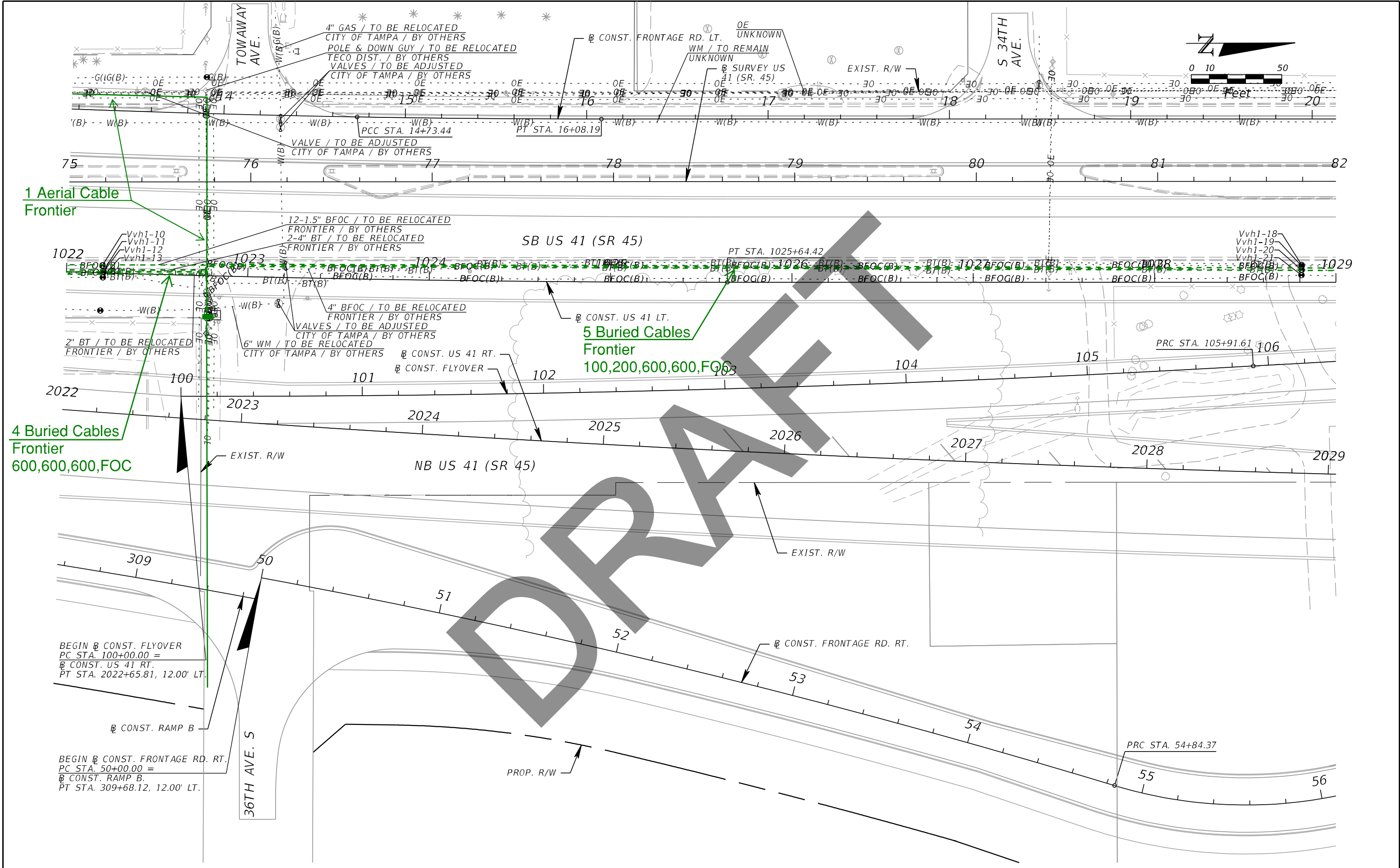
Frontier COMMUNICATIONS
3712 W WALNUT ST
TAMPA FL 33607


| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

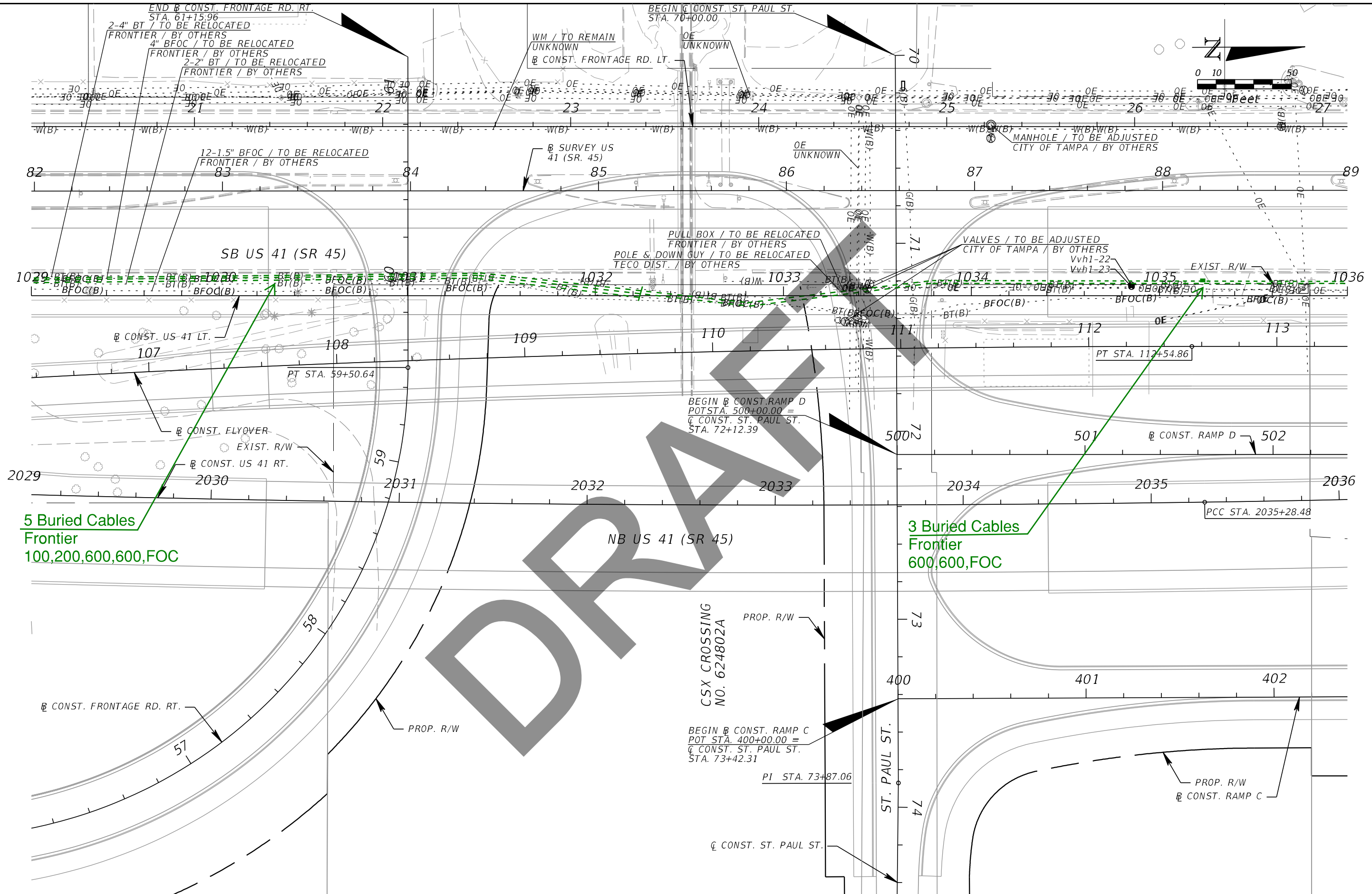
UTILITY ADJUSTMENTS (3)

SHEET NO.

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| REVISIONS | | | |  FRONTIER COMMUNICATIONS 3715 W WALNUT ST TAMPA FL 33607 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (4) | SHEET NO. |
|-----------|-------------|------|-------------|--|--|----------------|----------------------|--------------------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | | |



DRAFT

5 Buried Cables
Frontier
100,200,600,600,FOC

3 Buried Cables
Frontier
600,600,FOC

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

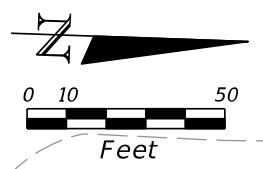
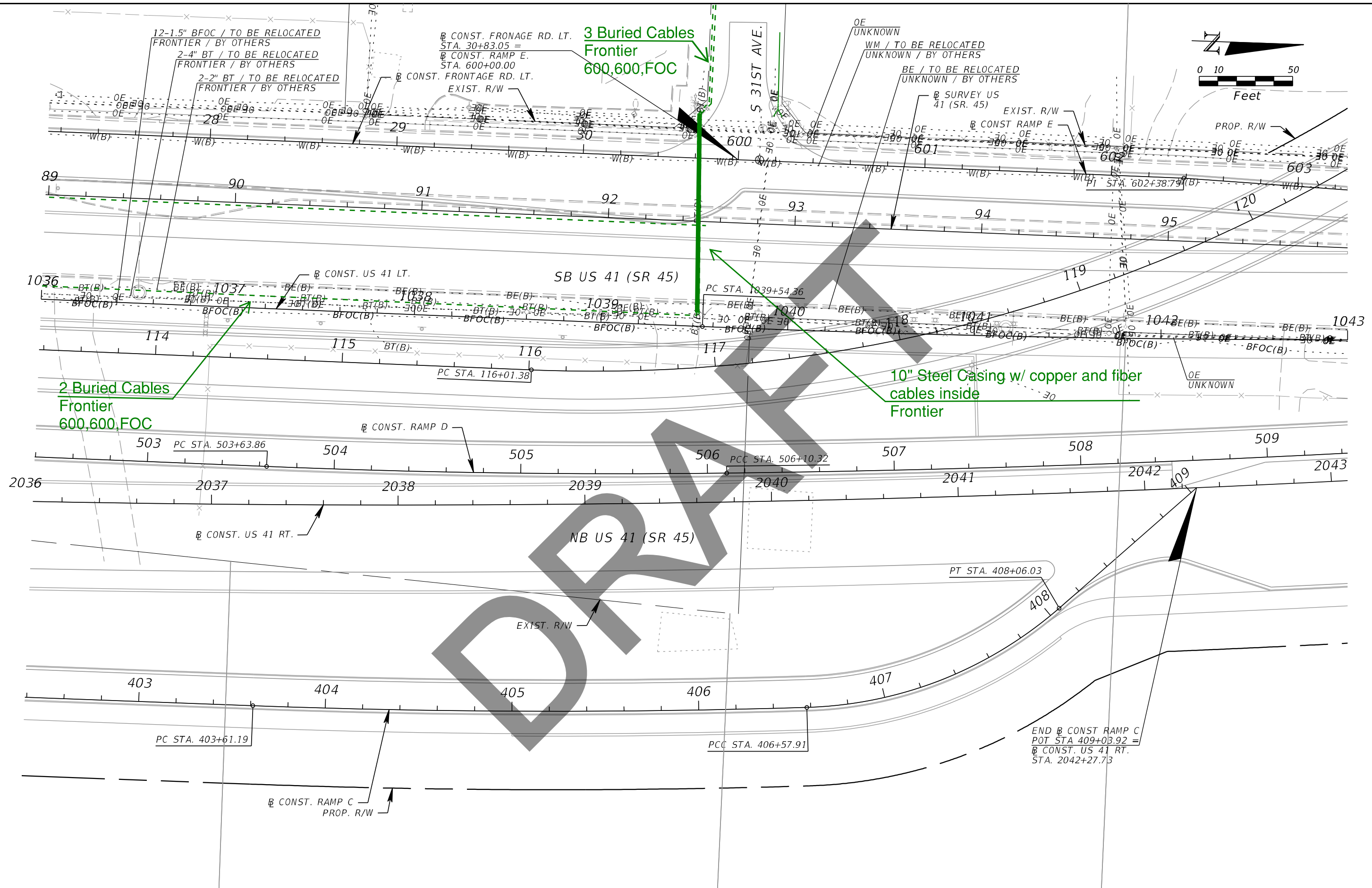
FRONTIER COMMUNICATIONS
 3712 W WALNUT ST
 TAMPA FL 33607

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (5)

SHEET NO.

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DRAFT

| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

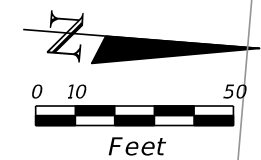
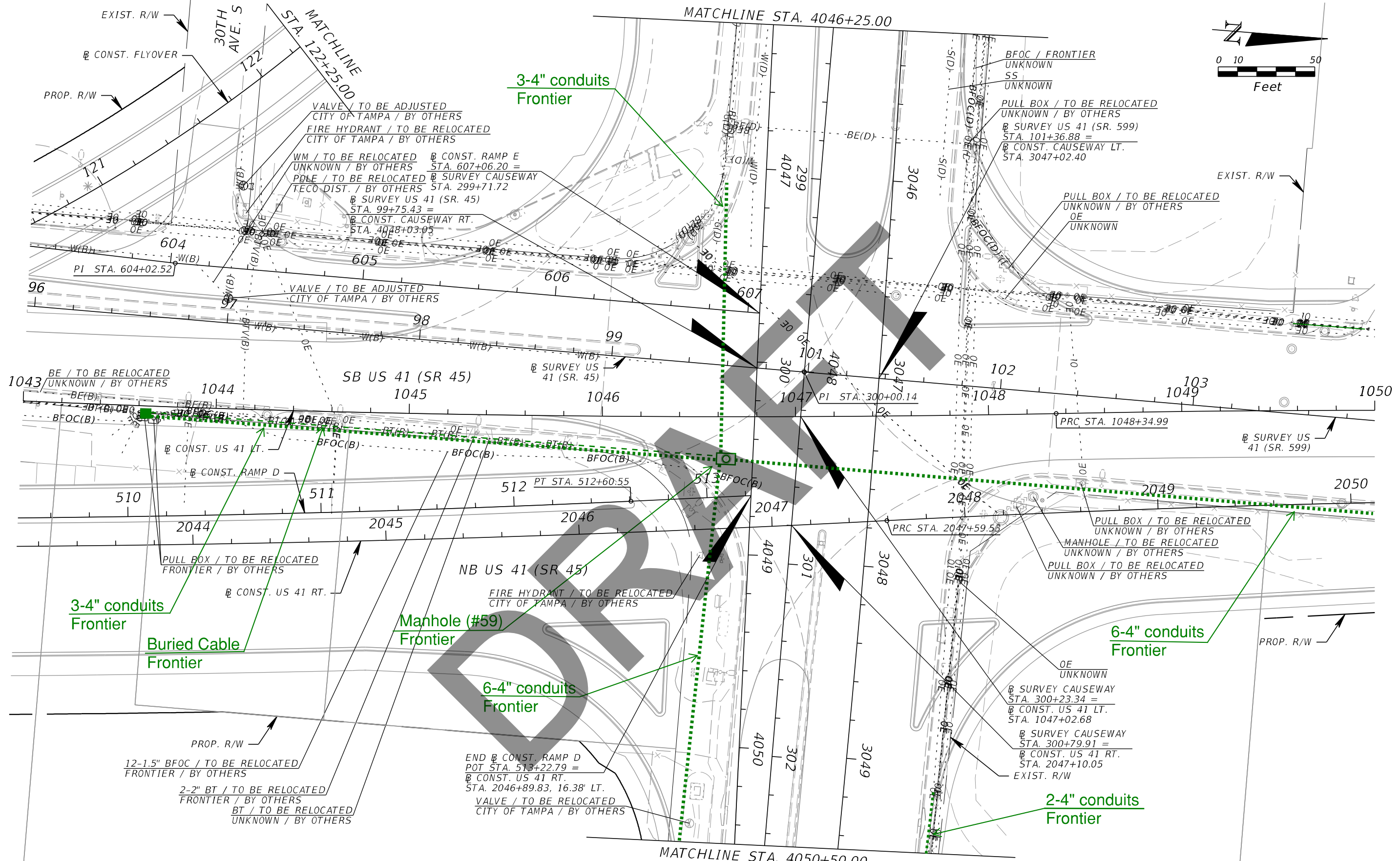
Frontier COMMUNICATIONS
 3712 W WALNUT ST
 TAMPA FL 33607

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (6)

SHEET NO.

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| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

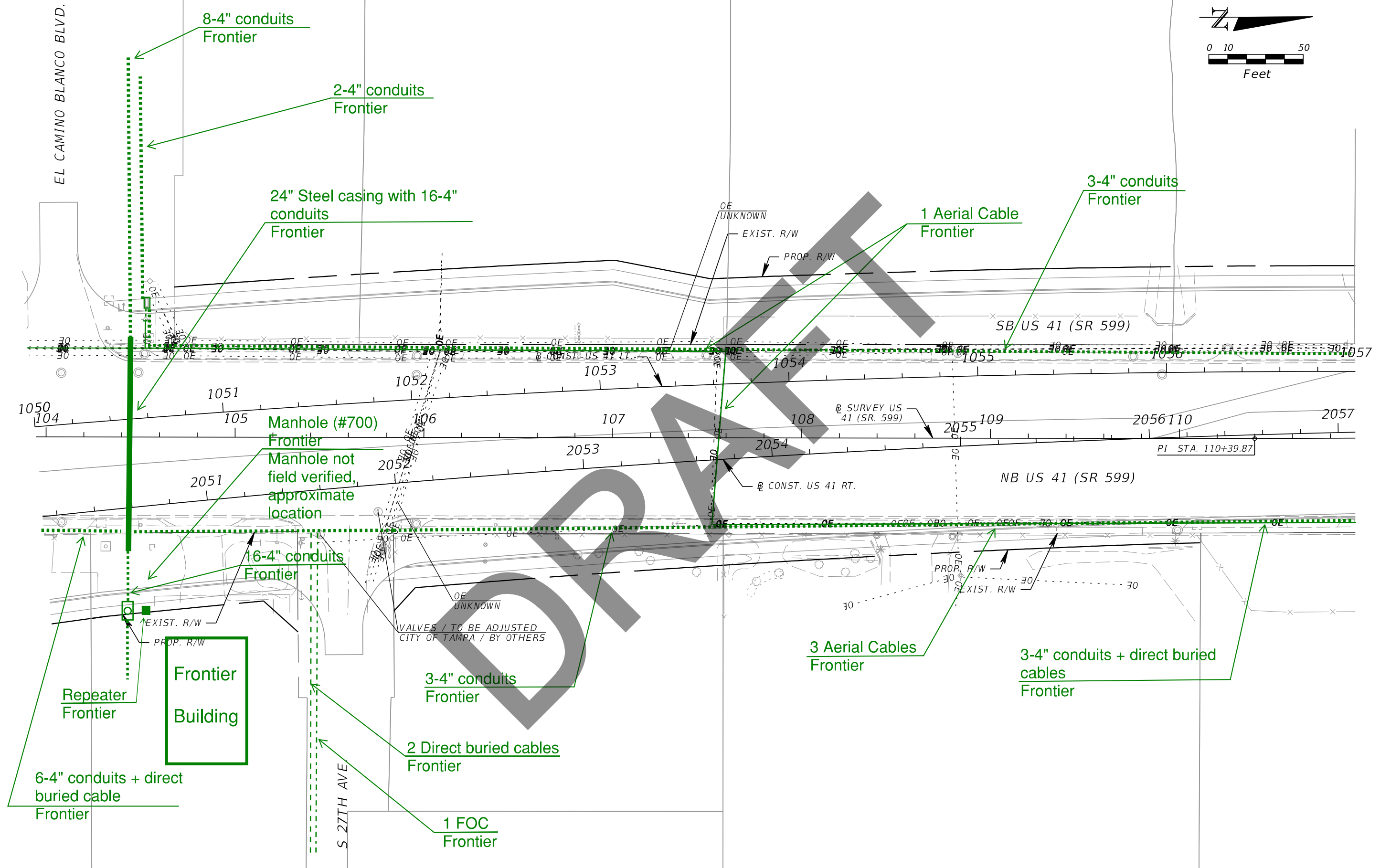
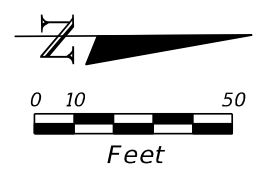
FRONTIER COMMUNICATIONS
 5712 W WALNUT ST
 TAMPA FL 33607

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (7)

SHEET NO.

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| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

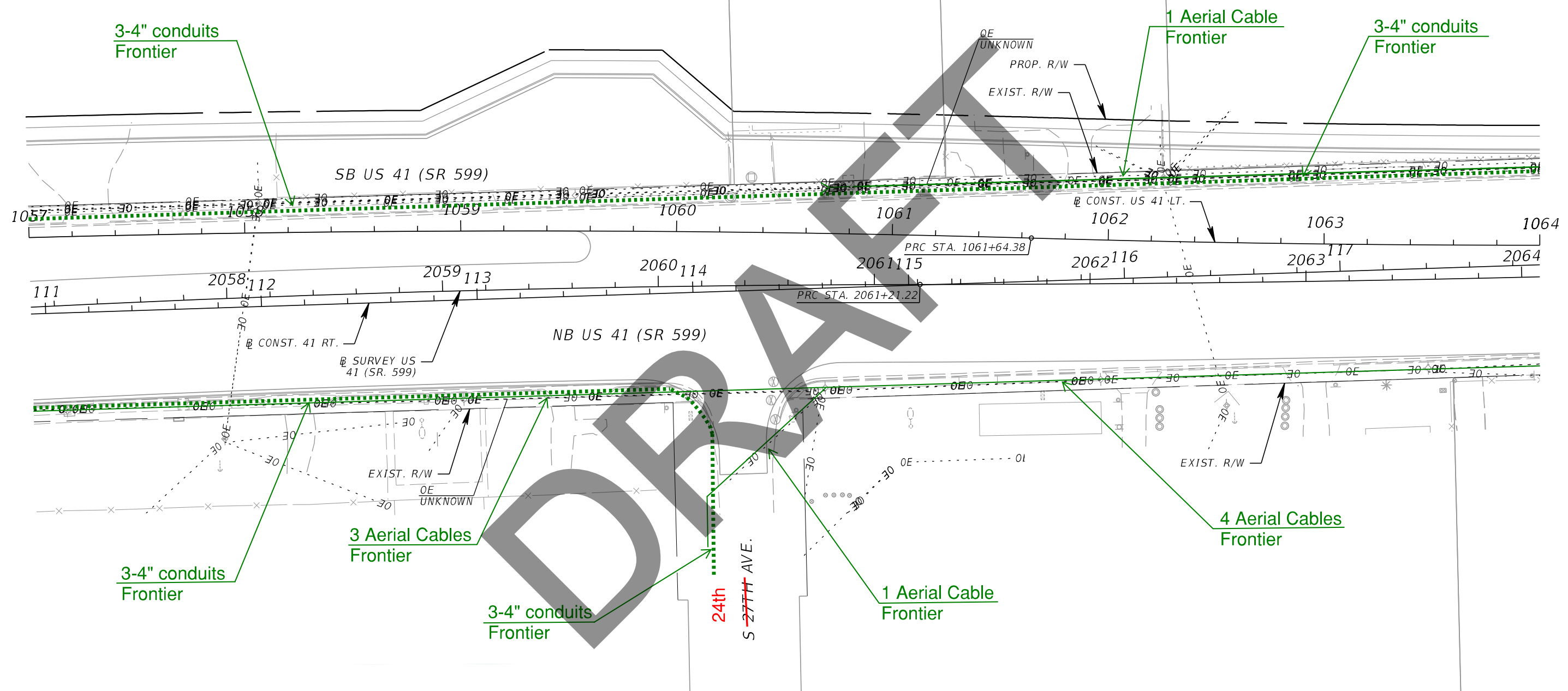
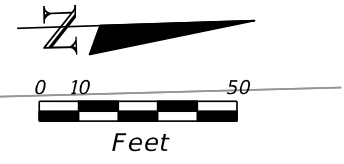
FRONTIER COMMUNICATIONS
 3712 W WALNUT ST
 TAMPA FL 33607

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (8)

SHEET NO.

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| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

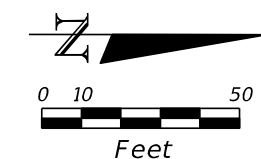
Frontier COMMUNICATIONS
 3712 W WALNUT ST
 TAMPA FL 33607

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (9)

SHEET NO.

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



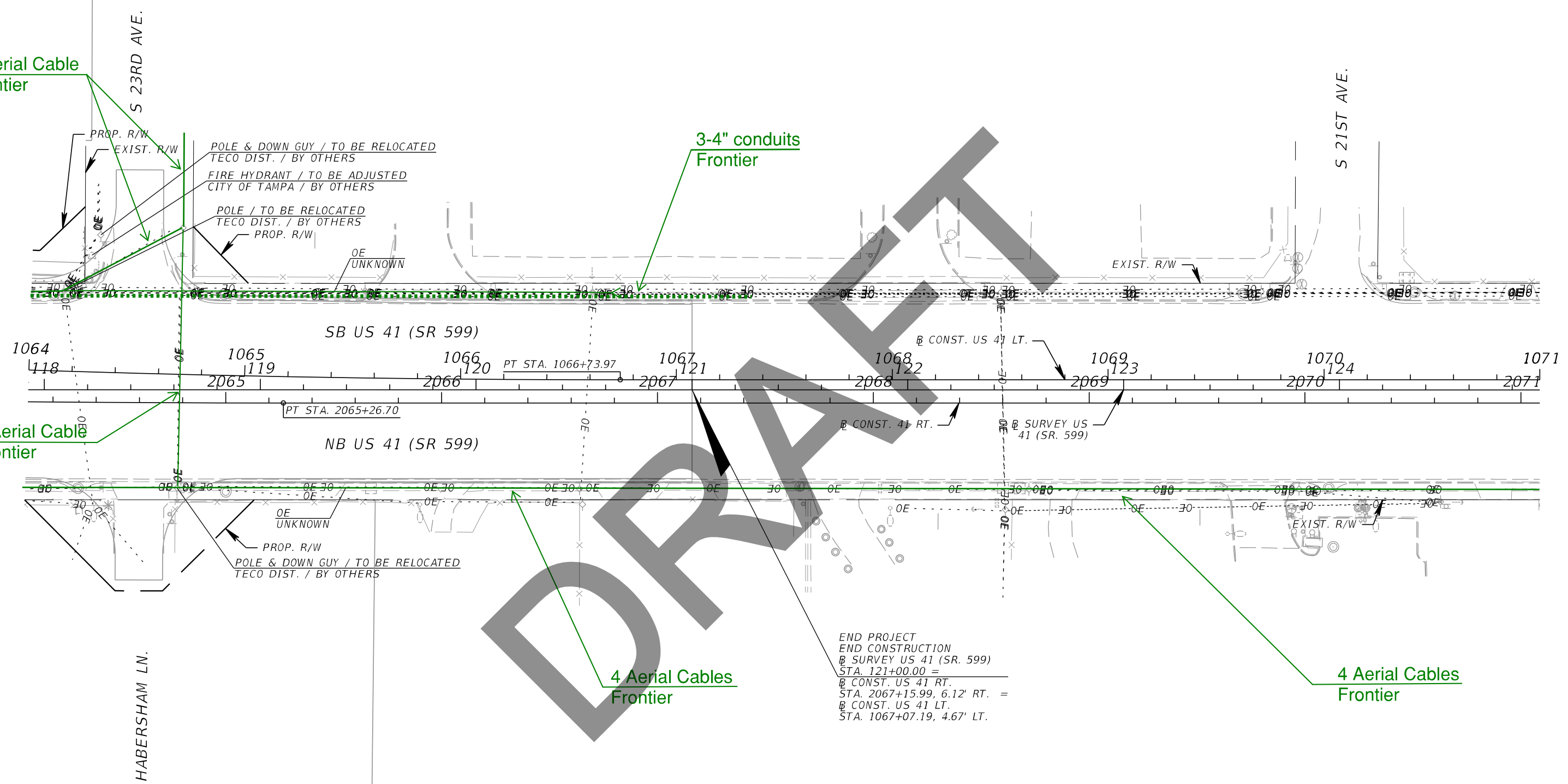
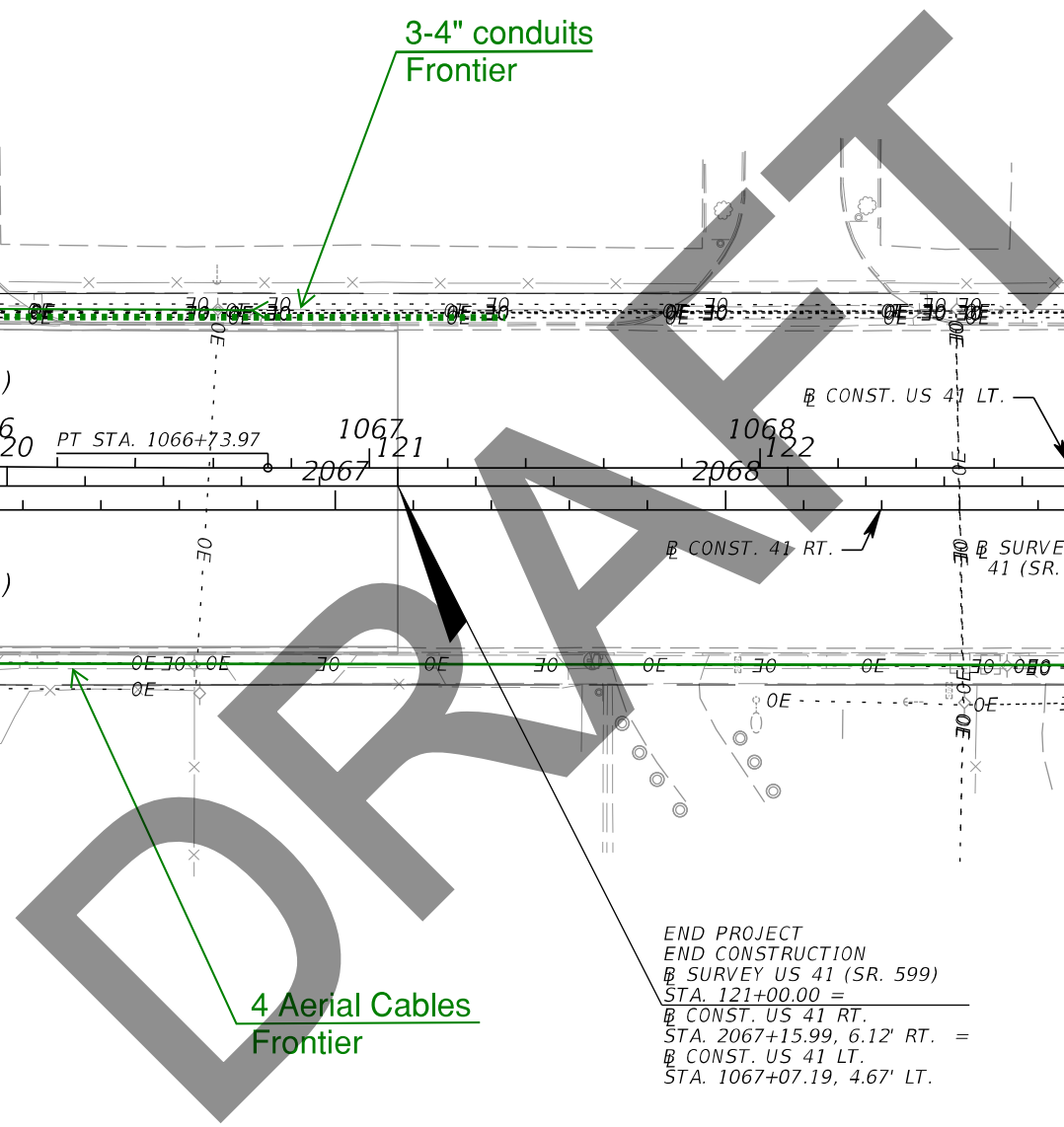
1 Aerial Cable Frontier

3-4" conduits Frontier

1 Aerial Cable Frontier

4 Aerial Cables Frontier

4 Aerial Cables Frontier



END PROJECT
 END CONSTRUCTION
 @ SURVEY US 41 (SR. 599)
 STA. 121+00.00 =
 @ CONST. US 41 RT.
 STA. 2067+15.99, 6.12' RT. =
 @ CONST. US 41 LT.
 STA. 1067+07.19, 4.67' LT.

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

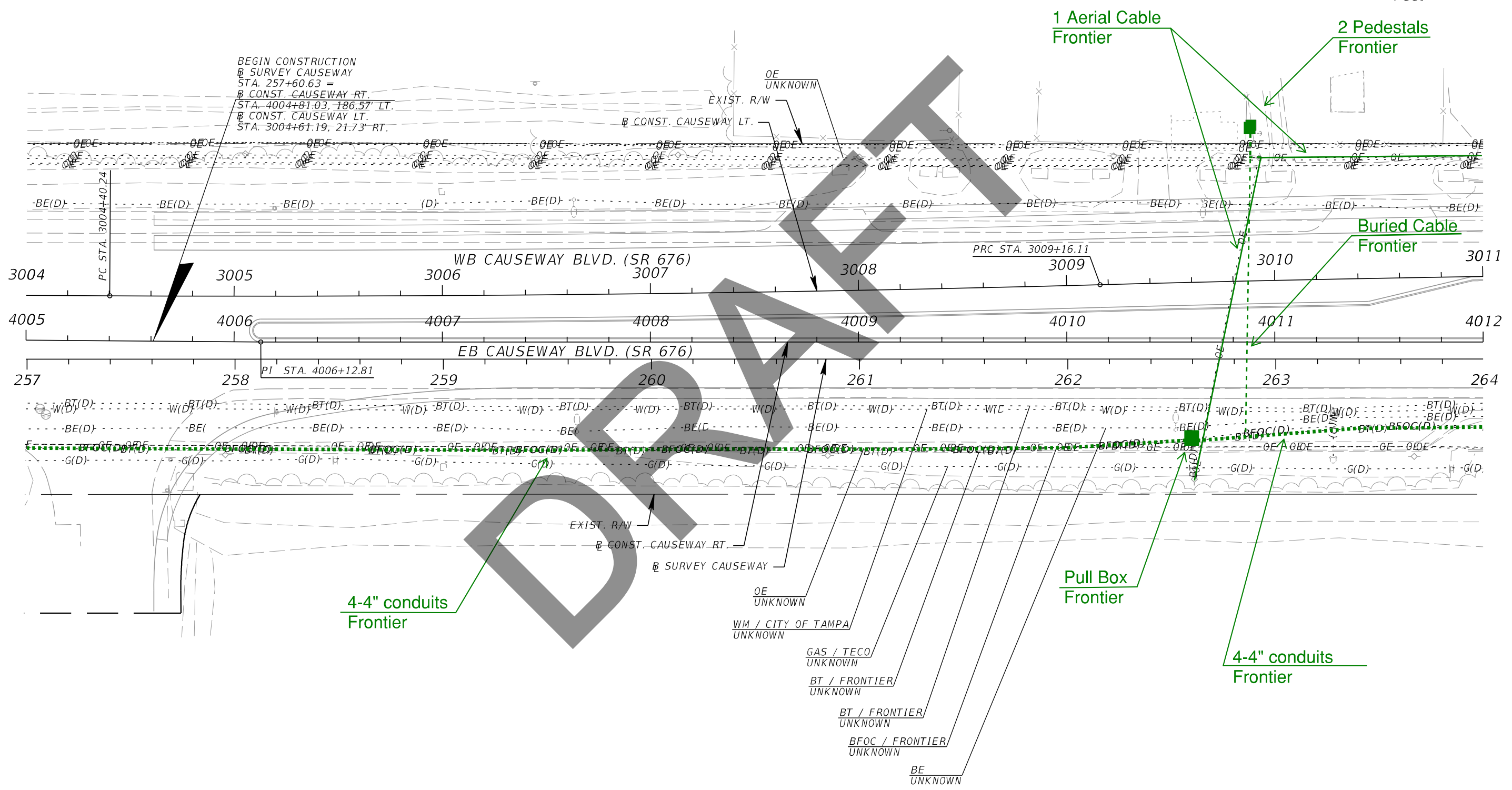
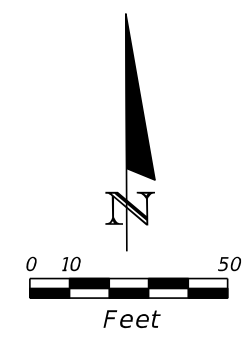
FRONTIER COMMUNICATIONS
 3712 W WALNUT ST
 TAMPA FL 33607


| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (10)

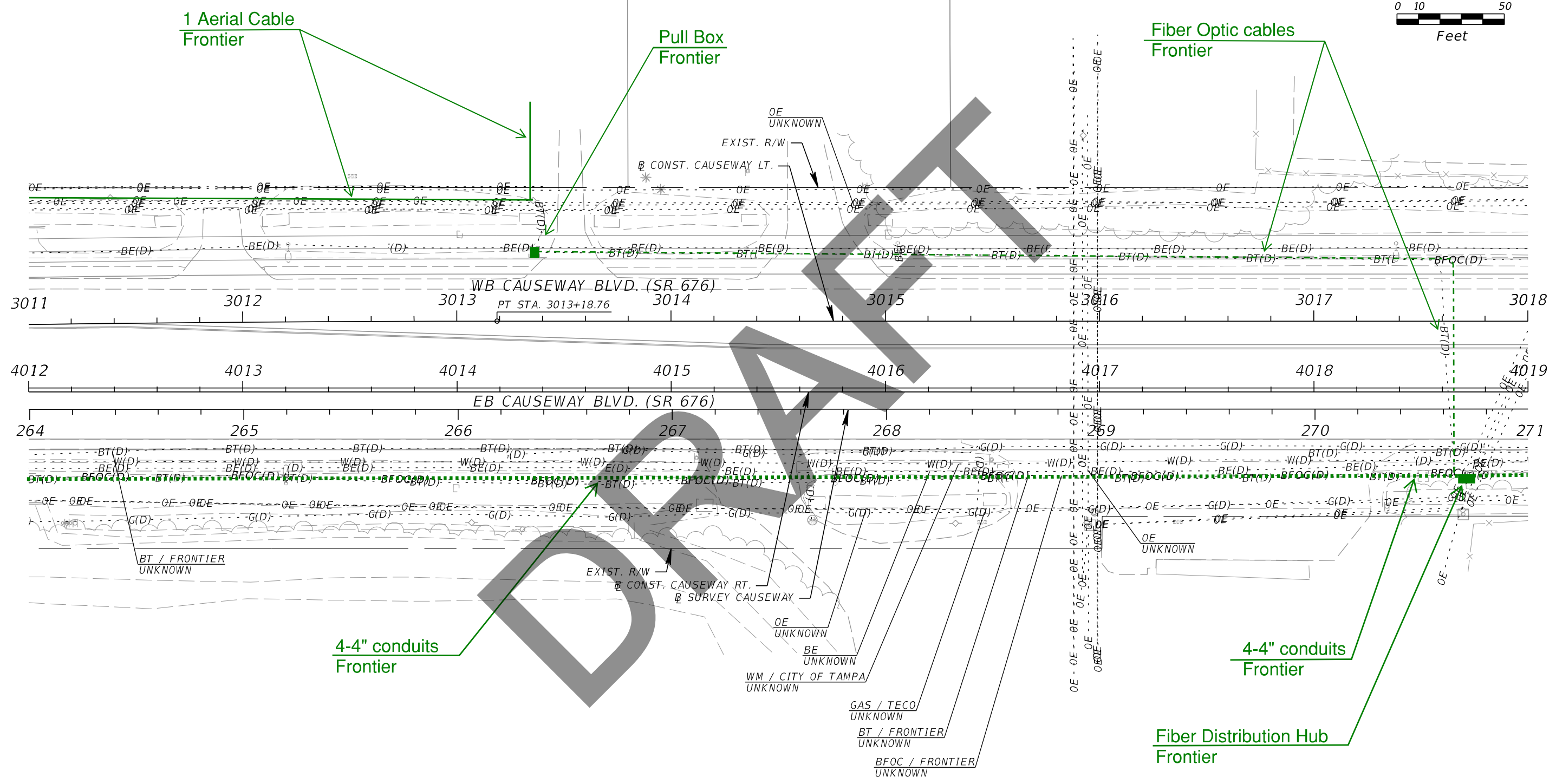
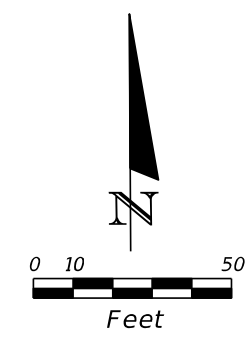
SHEET NO.


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

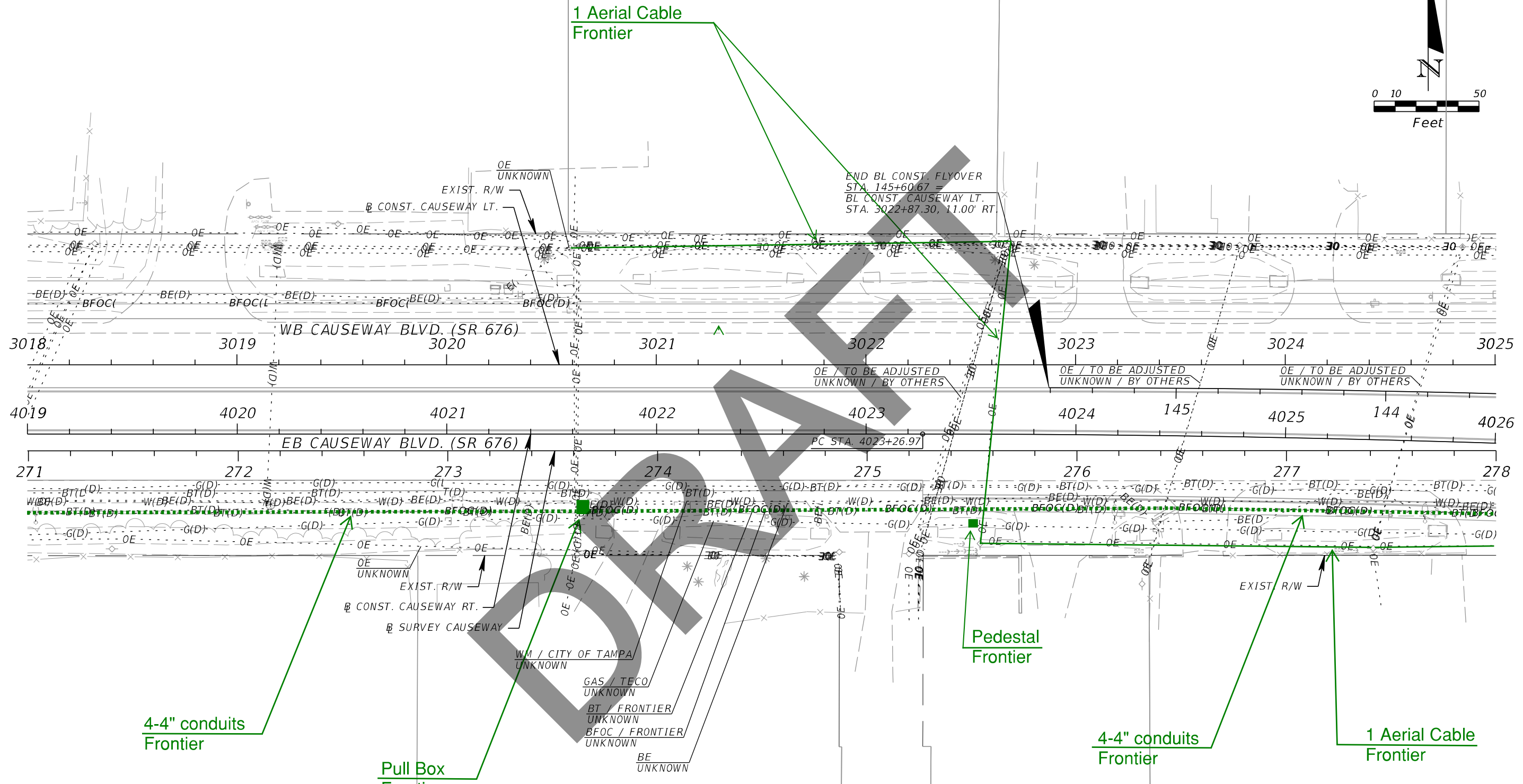
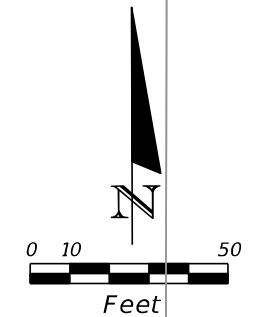


| REVISIONS | | | |  FRONTIER COMMUNICATIONS 3712 W WALNUT ST TAMPA FL 33607 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (11) | SHEET NO. |
|-----------|-------------|------|-------------|--|--|--------------|----------------------|---------------------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

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| REVISIONS | | | |  FRONTIER COMMUNICATIONS 3712 W WALNUT ST TAMPA FL 33607 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (12) | SHEET NO. |
|-----------|-------------|------|-------------|--|--|--------------|----------------------|---------------------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |



END BL CONST. FLYOVER
 STA. 145+60.67 =
 BL CONST. CAUSEWAY LT.
 STA. 3022+87.30, 11.00' RT.

OE / TO BE ADJUSTED
 UNKNOWN / BY OTHERS

OE / TO BE ADJUSTED
 UNKNOWN / BY OTHERS

OE / TO BE ADJUSTED
 UNKNOWN / BY OTHERS

PC STA. 4023+26.97

4-4" conduits
 Frontier

Pull Box
 Frontier

Pedestal
 Frontier

4-4" conduits
 Frontier

1 Aerial Cable
 Frontier

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

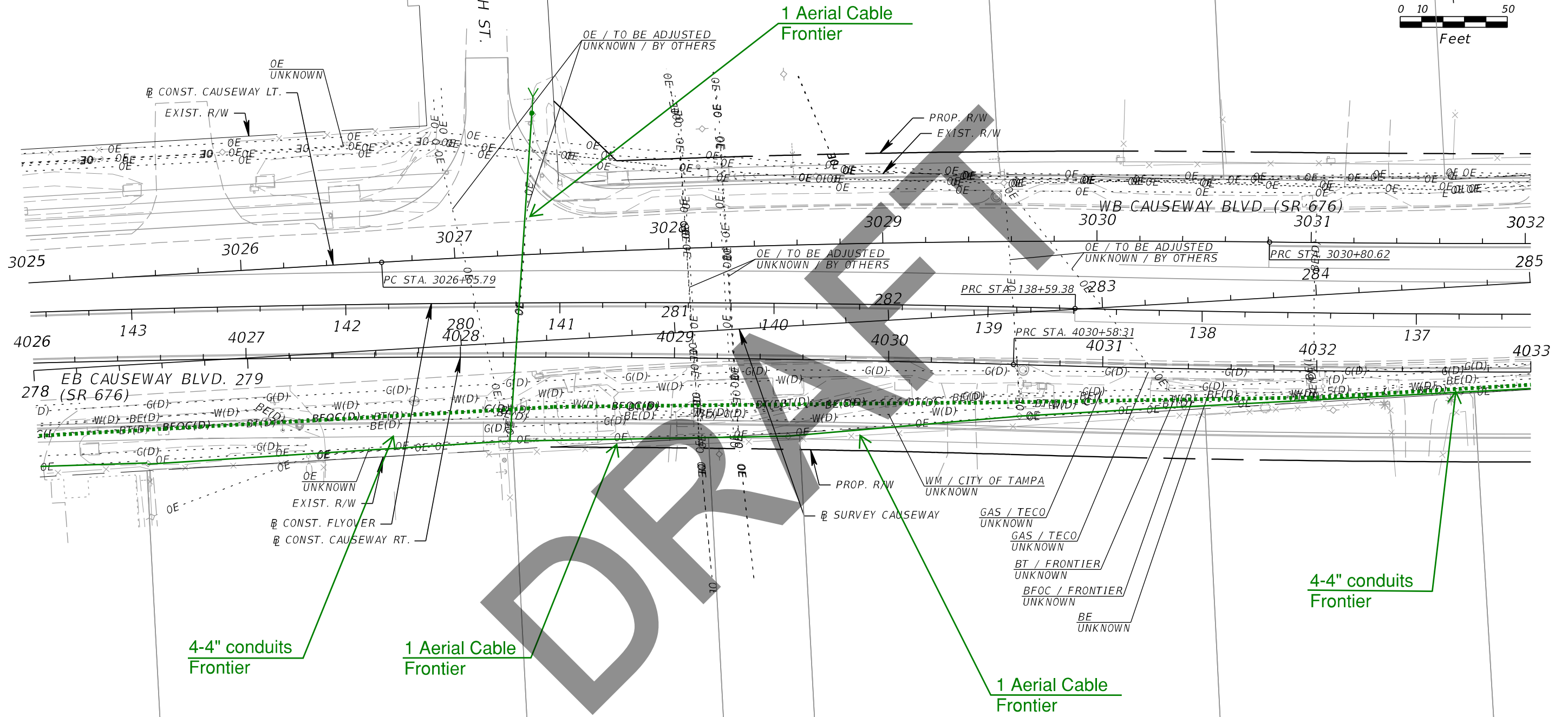
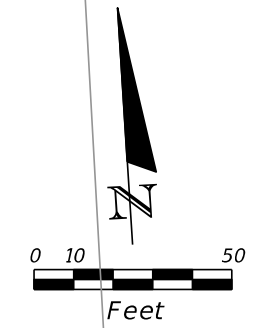
FRONTIER COMMUNICATIONS
 3712 W WALNUT ST
 TAMPA FL 33607

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (13)

SHEET NO.

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| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
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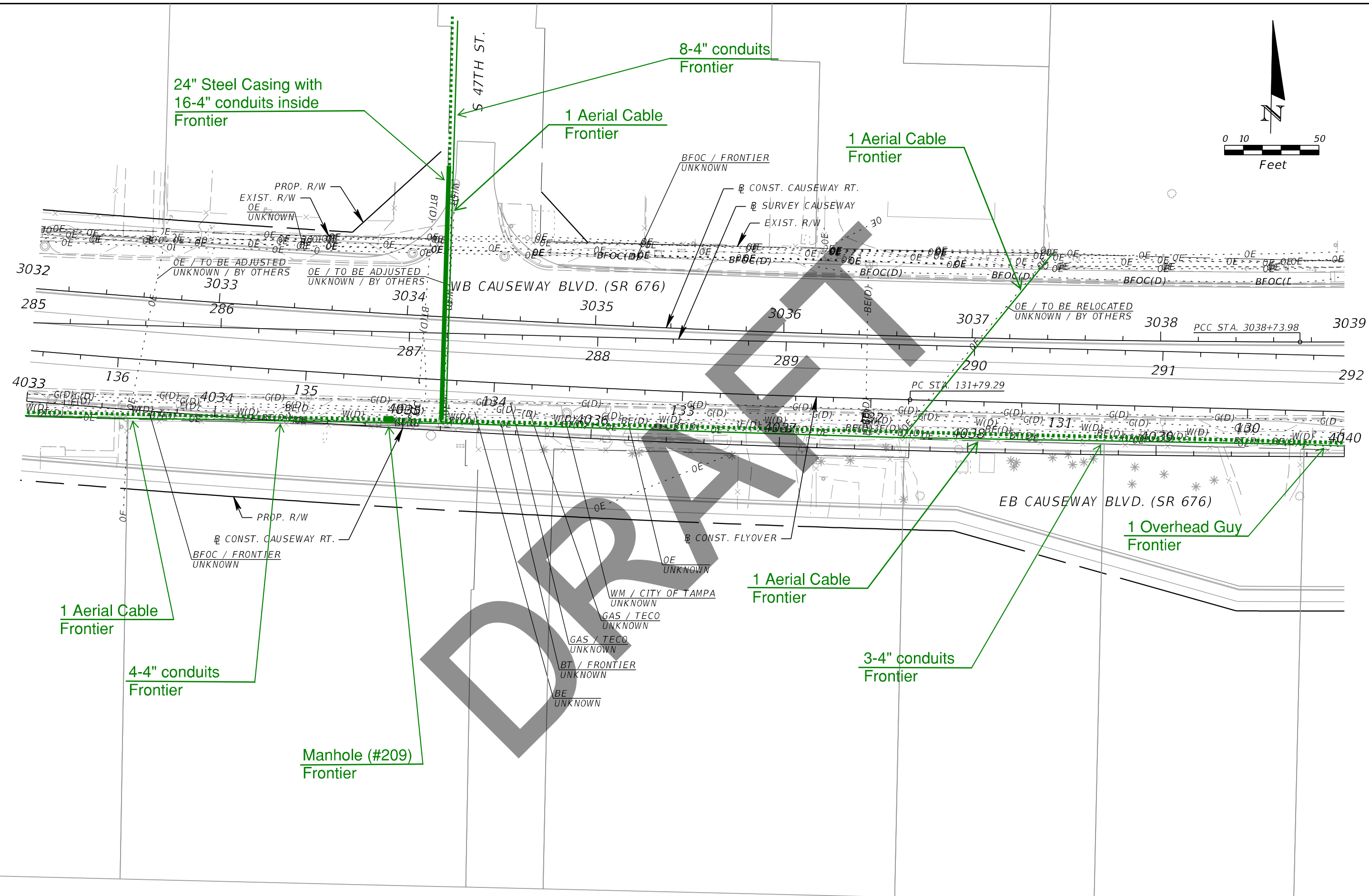
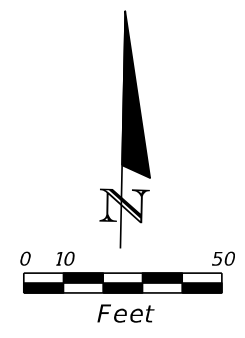

FRONTIER COMMUNICATIONS
 3712 W WALNUT ST
 TAMPA FL 33607

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (14)

SHEET NO.

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| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

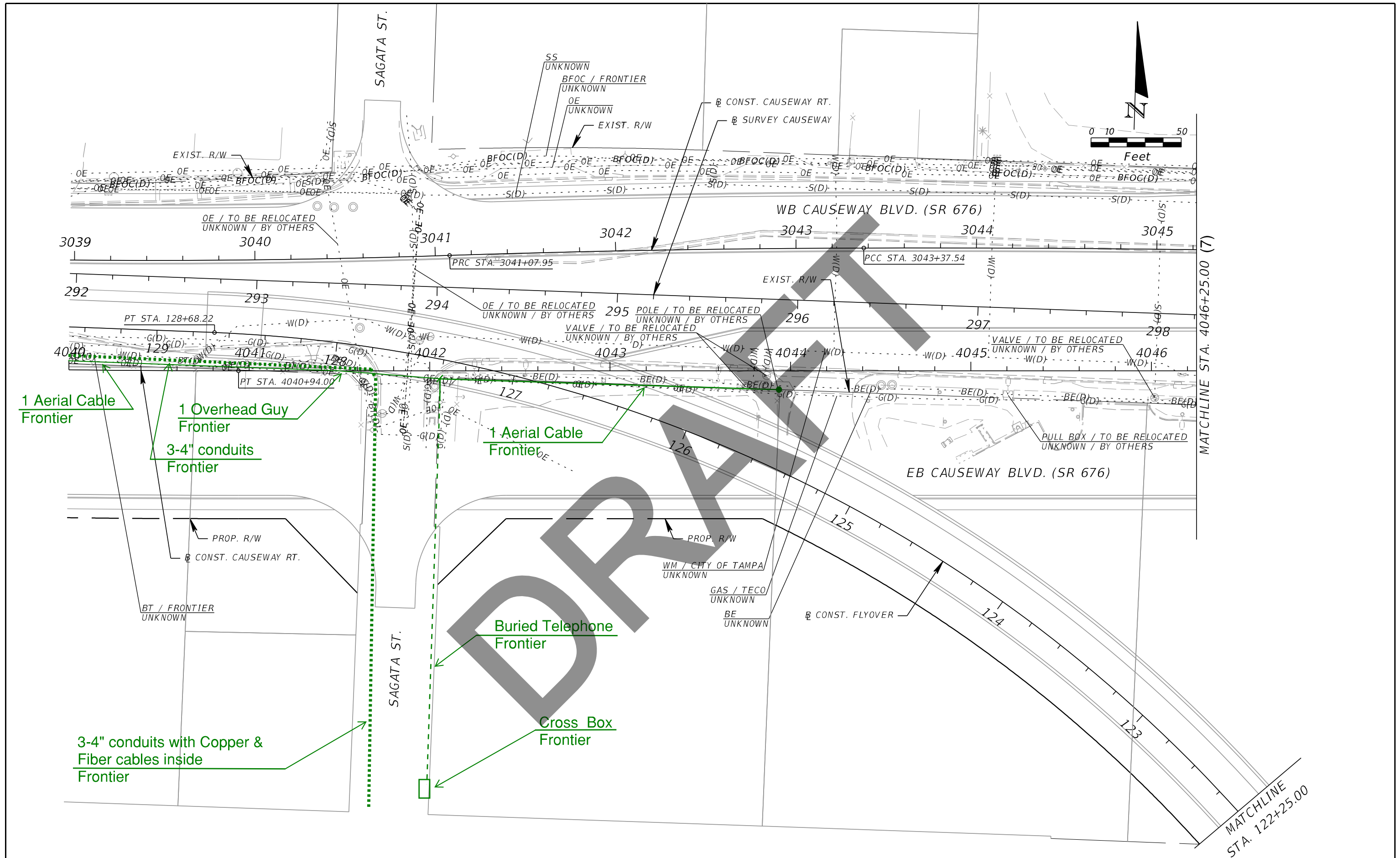
Frontier COMMUNICATIONS
 3712 W WALNUT ST
 TAMPA FL 33607

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (15)

SHEET NO.

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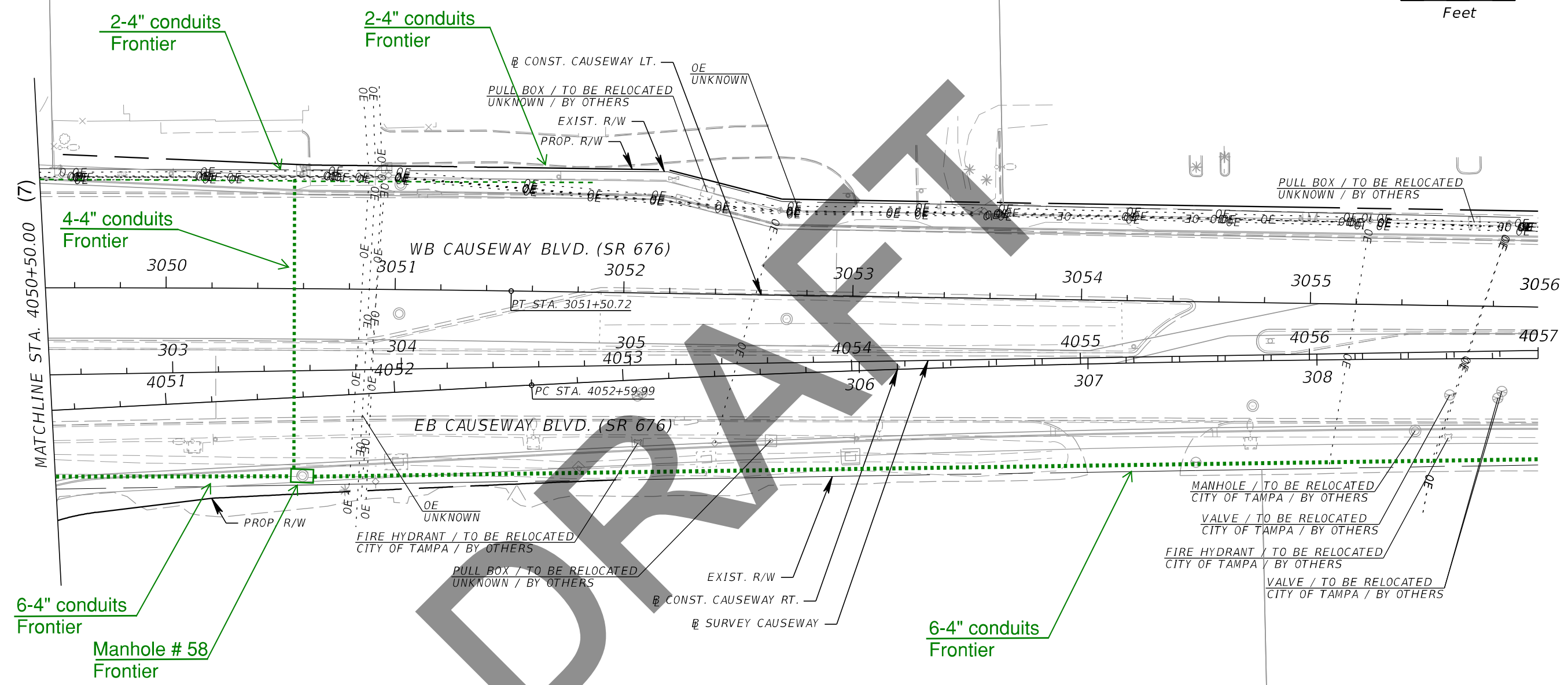
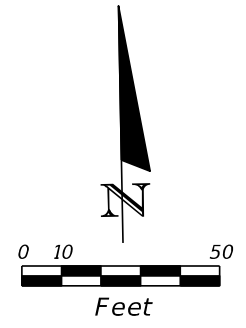
| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

FRONTIER COMMUNICATIONS
 3712 W WALNUT ST
 TAMPA FL 33607

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (16)

SHEET NO.



| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
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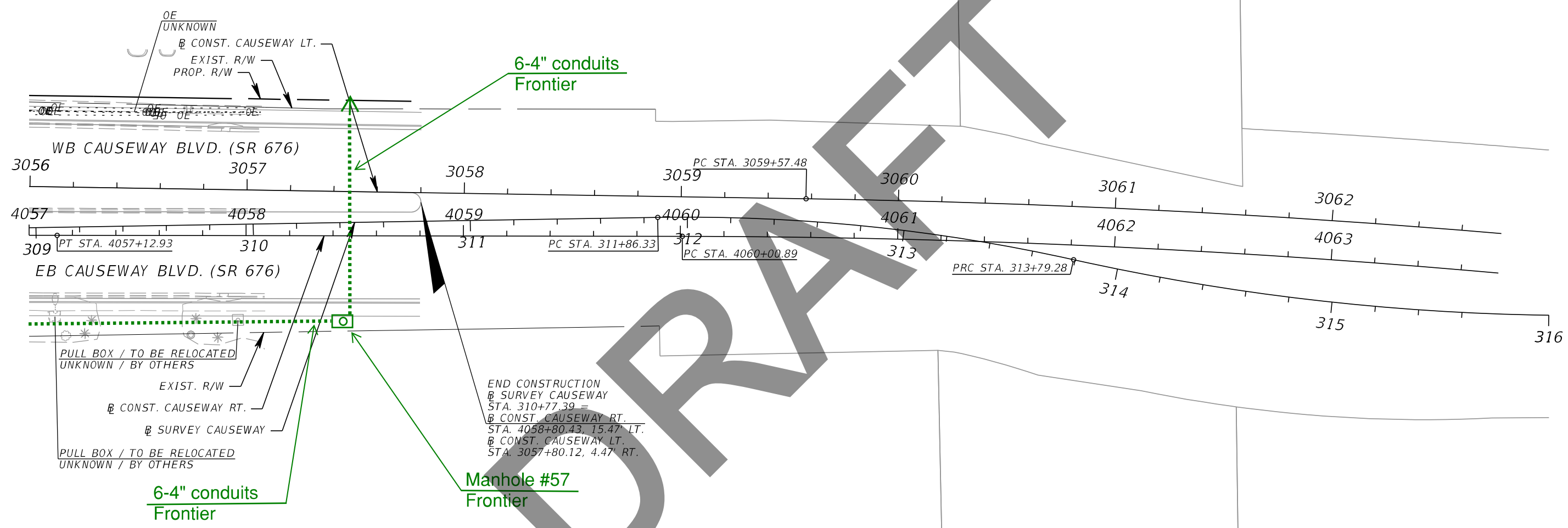
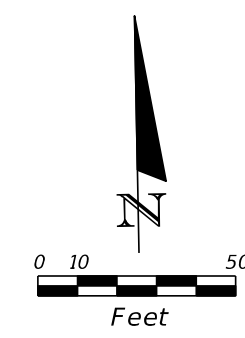
Frontier COMMUNICATIONS
 3719 W WALNUT ST
 TAMPA FL 33607

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (17)

SHEET NO.

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| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

Frontier COMMUNICATIONS
 3712 W WALNUT ST
 TAMPA FL 33607

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |










UTILITY ADJUSTMENTS (18)

SHEET NO.

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| | | | | | | |
|----------------------|------------|---|--|---|-----------------------------|----------------|
| Date: | 12/04/2018 | Test Hole Data Report | | | Crew Members: | DW, TG |
| ECHO Project #: | 18-252 | 16514 N. Dale Mabry Hwy. Tampa, Florida 33618 |  ECHO UTILITY ENGINEERING & SURVEY | ECHO UES, Inc. www.echoues.com 888.778.ECHO | City, State: | Tampa, Florida |
| Financial Project #: | N/A | 1511 E. SR434, Ste. 2001, #252 Winter Springs, Florida 32708 | | - GROW, INSPIRE, MAKE A DIFFERENCE - | General Location: | US 41 |
| Truck No.: | D-3/T-2 | | | | Coordinate Unit of Measure: | US Survey Feet |

| Utility Type | | Utility Material | | Identified By: | | Abbreviations | | Offset Measured From: | |
|-------------------------|------------------------------|-------------------------------|---|---------------------------------------|--------------------------------------|----------------------------|---------------------|-----------------------|--|
| BE = Buried Electrical | RW = Reclaimed Water | AC = Transite | FIBG = Fiberglass | HUB = Survey Hub | N/A = Not Applicable | EP= Edge of Pavement | | | |
| GM = Gas Main | SL = Street Light | CI= Cast Iron | HDPE = High Density Polyethylene Pipe | IRC = Iron Rod & Cap "ECHO TEST HOLE" | NAD = North American Datum | BC = Back of Curb | | | |
| BT = Buried Telephone | TS = Traffic Signal | CP = Concrete Pipe | PE = Polyethylene Pipe | NL = Nail & Disk "ECHO TEST HOLE" | NAV = North American Datum | BL = Baseline of Survey | | | |
| FOC = Fiber Optic Cable | FL = Fuel Line | DBC = Direct Buried Cable | PVC = Polyvinyl Chloride | SLEEVE = Sleeve | NAVD = North American Vertical Datum | COORD = Survey Coordinates | | | |
| WM = Water Main | GS = Gas Service | CMP = Corrugated Metal Pipe | STL = Steel | X = "X" in Concrete | | CL = Centerline | | | |
| SAN = Sanitary Sewer | WS = Water Service | CONC = Concrete | VCP = Vitrified Clay Pipe | Surface Type | | UNK = Unknown | HUB = Survey Hub | | |
| STM = Storm Sewer | UNK = Unknown Utility | CPP = Corrugated Plastic Pipe | PCCP = Prestressed Cylinder Concrete Pipe | ASPH = Asphalt | | COT = City of Tampa | RW = Right of Way | | |
| CATV = Cable Television | BED = Buried Electrical Duct | DCT = Duct | | CONC = Concrete | | | ST = Swing Ties | | |
| FM = Force Main | BTD = Buried Telephone Duct | DIP = Ductile Iron Pipe | RCP = Reinforced Concrete Pipe | NG = Natural Ground | | | X = "X" in Concrete | | |

| Test Hole | Utility Type | Utility Material | Utility Size Outside Diameter inches | Utility Manual Depth feet | Cross Sectional View | Utility Direction | Identified By | Surface Type | Surface Thickness inches | Apparent Utility Owner | Datums: | | Ground Elevation | Utility Elevation |
|-----------|--------------|------------------|--------------------------------------|---------------------------|---|-------------------|---------------|--------------|--------------------------|------------------------|----------------------|------------------|------------------|-------------------|
| | | | | | | | | | | | Horizontal: NAD83/11 | Vertical: NAVD88 | | |
| | | | | | | | | | | | Northing | Easting | | |
| 1-1 | BT | PVC | 2 - 4" | 3.26' |  | ↕ | IRC | NG | N/A | FRONTIER | 1301204.90' | 526413.67' | 7.51' | 4.25' |
| 1-2 | WM | CI | 6" | 3.30' |  | ↕ | IRC | NG | N/A | COT | 1301205.19' | 526416.74' | 7.48' | 4.18' |
| 1-3 | FOC/BT | PVC | 4" | 2.47' |  | ↕ | IRC | NG | N/A | FRONTIER | 1301204.95' | 526415.25' | 7.48' | 5.01' |
| 1-4 | FOC | PE | 12 - 1.5" | 8.80' |  | ↕ | IRC | NG | N/A | FRONTIER | 1301205.12' | 526418.96' | 7.36' | -1.44' |
| 1-5 | CATV | PVC | 2 - 2" | 5.54' |  | ↕ | IRC | NG | N/A | SPECTRUM | 1301181.11' | 526321.06' | 6.85' | 1.31' |
| 1-6 | BT | PVC | 2 - 4" | 3.44' |  | ↕ | IRC | NG | N/A | FRONTIER | 1301811.38' | 526417.02' | 6.84' | 3.40' |
| 1-7 | FOC/BT | PVC | 4" | 2.42' |  | ↕ | IRC | NG | N/A | FRONTIER | 1301811.47' | 526418.97' | 6.84' | 4.42' |
| 1-8 | WM | UNK | UNK | 10.06' |  | ↕ | IRC | NG | N/A | COT | 1301810.12' | 526422.34' | 6.83' | -3.23' |
| 1-9 | FOC/BT | PVC | 4" | 3.34' |  | ↕ | IRC | NG | N/A | FRONTIER | 1301810.56' | 526424.00' | 6.49' | 3.15' |

Notes: 1-8 - Unable to visually verify size and matterial due to depth and groundwater. Possible 6" cast iron.

Prepared by: EE Date: 02/12/2019
 Checked by: AB Date: 02/12/2019

| | | | | | | | | | |
|-----------|-------------|------|-------------|---|--|----------------|----------------------|---------------------------------|-----------|
| REVISIONS | | | |  FRONTIER COMMUNICATIONS 3712 W WALNUT ST TAMPA FL 33607 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (19) | SHEET NO. |
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | | |

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| | | | | | | |
|----------------------|------------|---|--|---|-----------------------------|----------------|
| Date: | 12/05/2018 | Test Hole Data Report | | | Crew Members: | DW, TG |
| ECHO Project #: | 18-252 | 16514 N. Dale Mabry Hwy. Tampa, Florida 33618 |  ECHO UTILITY ENGINEERING & SURVEY | ECHO UES, Inc. www.echoues.com 888.778.ECHO | City, State: | Tampa, Florida |
| Financial Project #: | N/A | 1511 E. SR434, Ste. 2001, #252 Winter Springs, Florida 32708 | | - GROW, INSPIRE, MAKE A DIFFERENCE - | General Location: | US 41 |
| Truck No.: | D-3/T-2 | | | | Coordinate Unit of Measure: | US Survey Feet |


| Utility Type | | Utility Material | | Identified By: | Abbreviations | Offset Measured From: |
|-------------------------|------------------------------|-------------------------------|---|---------------------------------------|--------------------------------------|----------------------------|
| BE = Buried Electrical | RW = Reclaimed Water | AC = Transite | FIBG = Fiberglass | HUB = Survey Hub | N/A = Not Applicable | EP= Edge of Pavement |
| GM = Gas Main | SL = Street Light | CI= Cast Iron | HDPE = High Density Polyethylene Pipe | IRC = Iron Rod & Cap "ECHO TEST HOLE" | NAD = North American Datum | BC = Back of Curb |
| BT = Buried Telephone | TS = Traffic Signal | CP = Concrete Pipe | PE = Polyethylene Pipe | NL = Nail & Disk "ECHO TEST HOLE" | NAVD = North American Vertical Datum | BL = Baseline of Survey |
| FOC = Fiber Optic Cable | FL = Fuel Line | DBC = Direct Buried Cable | PVC = Polyvinyl Chloride | SLEEVE = Sleeve | | COORD = Survey Coordinates |
| WM = Water Main | GS = Gas Service | CMP = Corrugated Metal Pipe | STL = Steel | X = "X" in Concrete | | CL = Centerline |
| SAN = Sanitary Sewer | WS = Water Service | CONC = Concrete | VCP = Vitrified Clay Pipe | Surface Type | | HUB = Survey Hub |
| STM = Storm Sewer | UNK = Unknown Utility | CPP = Corrugated Plastic Pipe | PCCP = Prestressed Cylinder Concrete Pipe | ASPH = Asphalt | COT = City of Tampa | RW = Right of Way |
| CATV = Cable Television | BED = Buried Electrical Duct | DCT = Duct | | CONC = Concrete | | ST = Swing Ties |
| FM = Force Main | BTD = Buried Telephone Duct | DIP = Ductile Iron Pipe | RCP = Reinforced Concrete Pipe | NG = Natural Ground | | X = "X" in Concrete |

| Test Hole | Utility Type | Utility Material | Utility Size Outside Diameter inches | Utility Manual Depth feet | Cross Sectional View | Utility Direction | Identified By | Surface Type | Surface Thickness inches | Apparent Utility Owner | Datums: | | Ground Elevation | Utility Elevation |
|-----------|--------------|------------------|--------------------------------------|---------------------------|----------------------|-------------------|---------------|--------------|--------------------------|------------------------|----------------------|------------------|------------------|-------------------|
| | | | | | | | | | | | Horizontal: NAD83/11 | Vertical: NAVD88 | | |
| | | | | | | | | | | | Northing | Easting | | |
| 1-10 | FOC | PE | 12 - 1.5" | 3.96' | | ↑ | IRC | NG | N/A | FRONTIER | 1302430.03' | 526421.52' | 6.62' | 2.66' |
| 1-11 | BT | PVC | 2 - 4" | 2.50' | | ↑ | IRC | NG | N/A | FRONTIER | 1302430.50' | 526424.77' | 6.68' | 4.18' |
| 1-12 | FOC/BT | PVC | 4" | 1.90' | | ↑ | IRC | NG | N/A | FRONTIER | 1302430.47' | 526425.15' | 6.69' | 4.79' |
| 1-13 | BT | DBC | 2" | 1.56' | | ↑ | IRC | NG | N/A | FRONTIER | 1302430.15' | 526428.11' | 6.81' | 5.25' |
| 1-14 | WM | DIP | 6" | 3.40' | | ↑ | IRC | NG | N/A | COT | 1302428.62' | 526446.38' | 8.20' | 4.80' |
| 1-15 | GM | STL | 4" | 3.00' | | ↑ | IRC | NG | N/A | COT | 1302488.18' | 526318.06' | 6.08' | 3.08' |
| 1-16 | BT | PVC | 4" | 3.50' | | ↑ | IRC | NG | N/A | FRONTIER | 1301205.22' | 526417.96' | 7.50' | 4.00' |
| 1-17 | BT | DBC | 2" | 3.00' | | ↑ | IRC | NG | N/A | FRONTIER | 1301810.09' | 526422.72' | 6.80' | 3.80' |

Notes:

Prepared by: EE Date: 02/12/2019

Checked by: AB Date: 02/12/2019

| | | | | | | | | | |
|-----------|-------------|------|-------------|--|--|----------------|----------------------|---------------------------------|-----------|
| REVISIONS | | | |  FRONTIER COMMUNICATIONS 3712 W WALNUT ST TAMPA FL 33607 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (20) | SHEET NO. |
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | | |

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| | | | | | | |
|----------------------|------------|--|--|---|----------------|----------------|
| Date: | 12/06/2018 | Test Hole Data Report | | | Crew Members: | DW, TG, MAJ |
| ECHO Project #: | 18-252 | 16514 N. Dale Mabry Hwy. Tampa, Florida 33618 |  ECHO UTILITY ENGINEERING & SURVEY - GROW, INSPIRE, MAKE A DIFFERENCE - | ECHO UES, Inc. www.echoues.com 888.778.ECHO | City, State: | Tampa, Florida |
| Financial Project #: | N/A | 1511 E. SR434, Ste. 2001, #252 | | General Location: | US 41 | |
| Truck No.: | D-3/T-2 | Winter Springs, Florida 32708 | | Coordinate Unit of Measure: | US Survey Feet | |

| Utility Type | | Utility Material | | Identified By: | | Abbreviations | | Offset Measured From: | |
|-------------------------|------------------------------|-------------------------------|---|---------------------------------------|-----------------------|----------------------------|---------------------|-----------------------|--|
| BE = Buried Electrical | RW = Reclaimed Water | AC = Transite | FIBG = Fiberglass | HUB = Survey Hub | N/A = Not Applicable | EP= Edge of Pavement | | | |
| GM = Gas Main | SL = Street Light | CI= Cast Iron | HDPE = High Density Polyethylene Pipe | IRC = Iron Rod & Cap "ECHO TEST HOLE" | NAD = North American | BC = Back of Curb | | | |
| BT = Buried Telephone | TS = Traffic Signal | CP = Concrete Pipe | PE = Polyethylene Pipe | NL = Nail & Disk "ECHO TEST HOLE" | Datum | BL = Baseline of Survey | | | |
| FOC = Fiber Optic Cable | FL = Fuel Line | DBC = Direct Buried Cable | PVC = Polyvinyl Chloride | SLEEVE = Sleeve | NAVD = North American | COORD = Survey Coordinates | | | |
| WM = Water Main | GS = Gas Service | CMP = Corrugated Metal Pipe | STL = Steel | X = "X" in Concrete | Vertical Datum | CL = Centerline | | | |
| SAN = Sanitary Sewer | WS = Water Service | CONC = Concrete | VCP = Vitrified Clay Pipe | Surface Type | | UNK = Unknown | HUB = Survey Hub | | |
| STM = Storm Sewer | UNK = Unknown Utility | CPP = Corrugated Plastic Pipe | PCCP = Prestressed Cylinder Concrete Pipe | ASPH = Asphalt | COT = City of Tampa | | RW = Right of Way | | |
| CATV = Cable Television | BED = Buried Electrical Duct | DCT = Duct | | CONC = Concrete | | | ST = Swing Ties | | |
| FM = Force Main | BTD = Buried Telephone Duct | DIP = Ductile Iron Pipe | RCP = Reinforced Concrete Pipe | NG = Natural Ground | | | X = "X" in Concrete | | |

| Test Hole | Utility Type | Utility Material | Utility Size Outside Diameter inches | Utility Manual Depth feet | Cross Sectional View | Utility Direction | Identified By | Surface Type | Surface Thickness inches | Apparent Utility Owner | Datums: | | Ground Elevation | Utility Elevation |
|-----------|--------------|------------------|--------------------------------------|---------------------------|----------------------|-------------------|---------------|--------------|--------------------------|------------------------|----------------------|------------------|------------------|-------------------|
| | | | | | | | | | | | Horizontal: NAD83/11 | Vertical: NAVD88 | | |
| | | | | | | | | | | | Northing | Easting | | |
| 1-18 | BT | PVC | 2 - 4" | 3.82' | | ↑ | IRC | NG | N/A | FRONTIER | 1303091.15' | 526425.13' | 7.04' | 3.22' |
| 1-19 | FOC/BT | PVC | 4" | 2.54' | | ↑ | IRC | NG | N/A | FRONTIER | 1303091.17' | 526425.73' | 6.99' | 4.45' |
| 1-20 | BT | LEAD | 2 - 2" | 3.00' | | ↑ | IRC | NG | N/A | FRONTIER | 1303091.09' | 526427.92' | 6.86' | 3.86' |
| 1-21 | FOC | UNK | 12 - 1.5" | 9.22' | | ↑ | IRC | NG | N/A | FRONTIER | 1303091.01' | 526430.76' | 6.58' | -2.64' |
| 1-22 | BT | LEAD | 2 - 2" | 2.00' | | ↑ | IRC | NG | N/A | FRONTIER | 1303695.15' | 526432.46' | 6.77' | 4.77' |
| 1-23 | BT | PVC | 2 - 4" | 2.76' | | ↑ | IRC | NG | N/A | FRONTIER | 1303695.20' | 526433.46' | 6.70' | 3.94' |
| 1-24 | BT | LEAD | 2 - 2" | 2.74' | | ↑ | IRC | NG | N/A | FRONTIER | 1304500.45' | 526435.53' | 7.28' | 4.54' |

Notes: 1-21 - Unable to visually verify size and material due to depth and groundwater. Possibly 12 - 1.5" polyethylene pipes.

Prepared by: EE Date: 02/12/2019

Checked by: AB Date: 02/12/2019

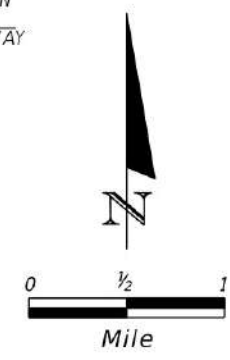
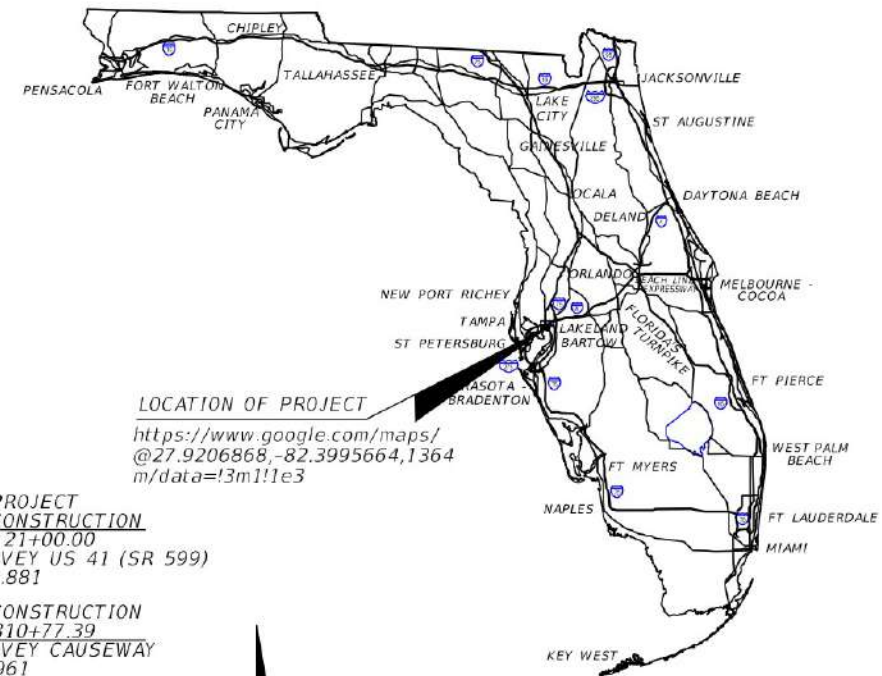
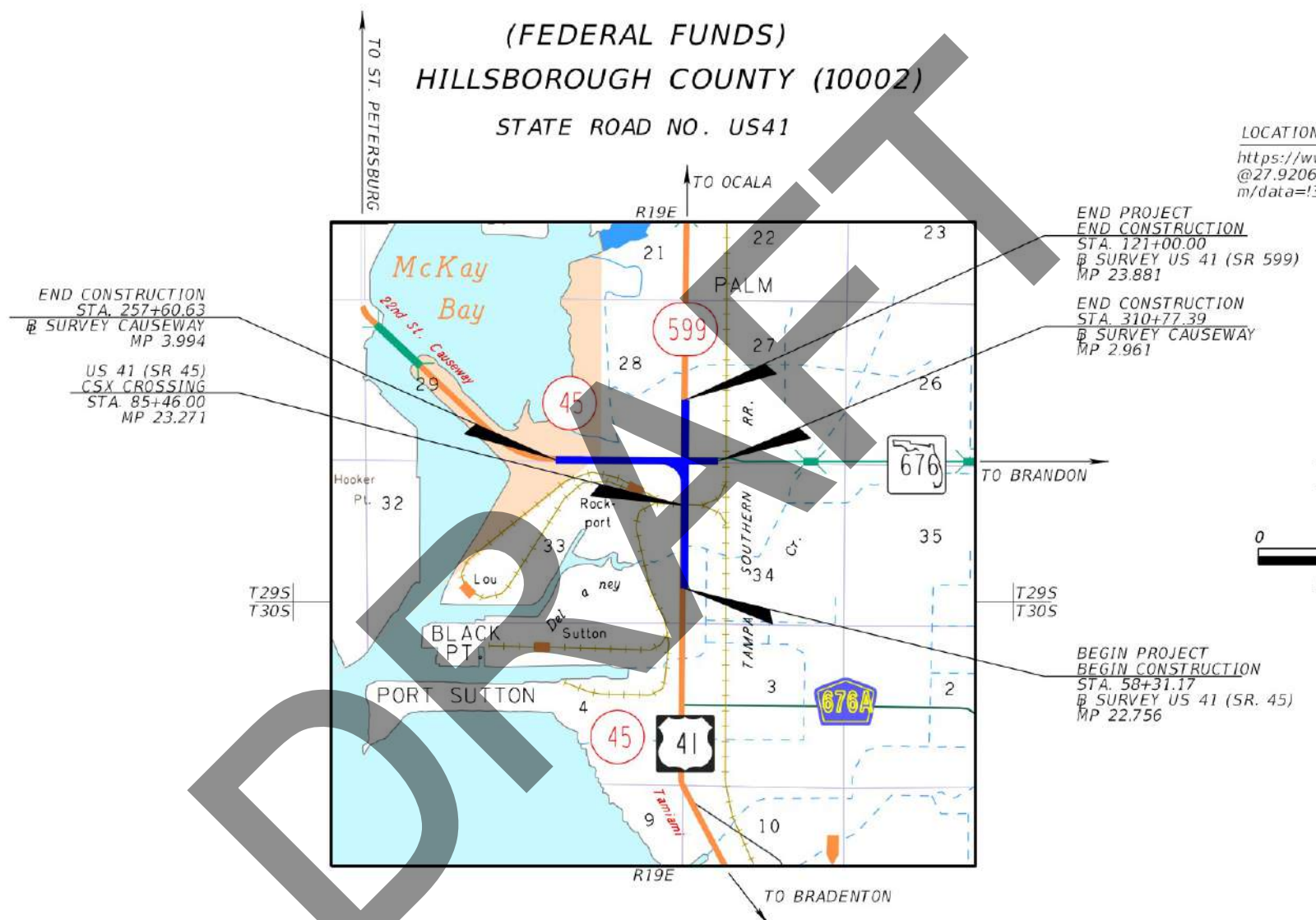
| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (21) | SHEET NO. |
|-----------|-------------|------|-------------|---|--|--------------|----------------------|--------------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 440749-1-52-01
(FEDERAL FUNDS)
HILLSBOROUGH COUNTY (10002)
STATE ROAD NO. US41



GOVERNING STANDARD PLANS:
Florida Department of Transportation, FY2021-22 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

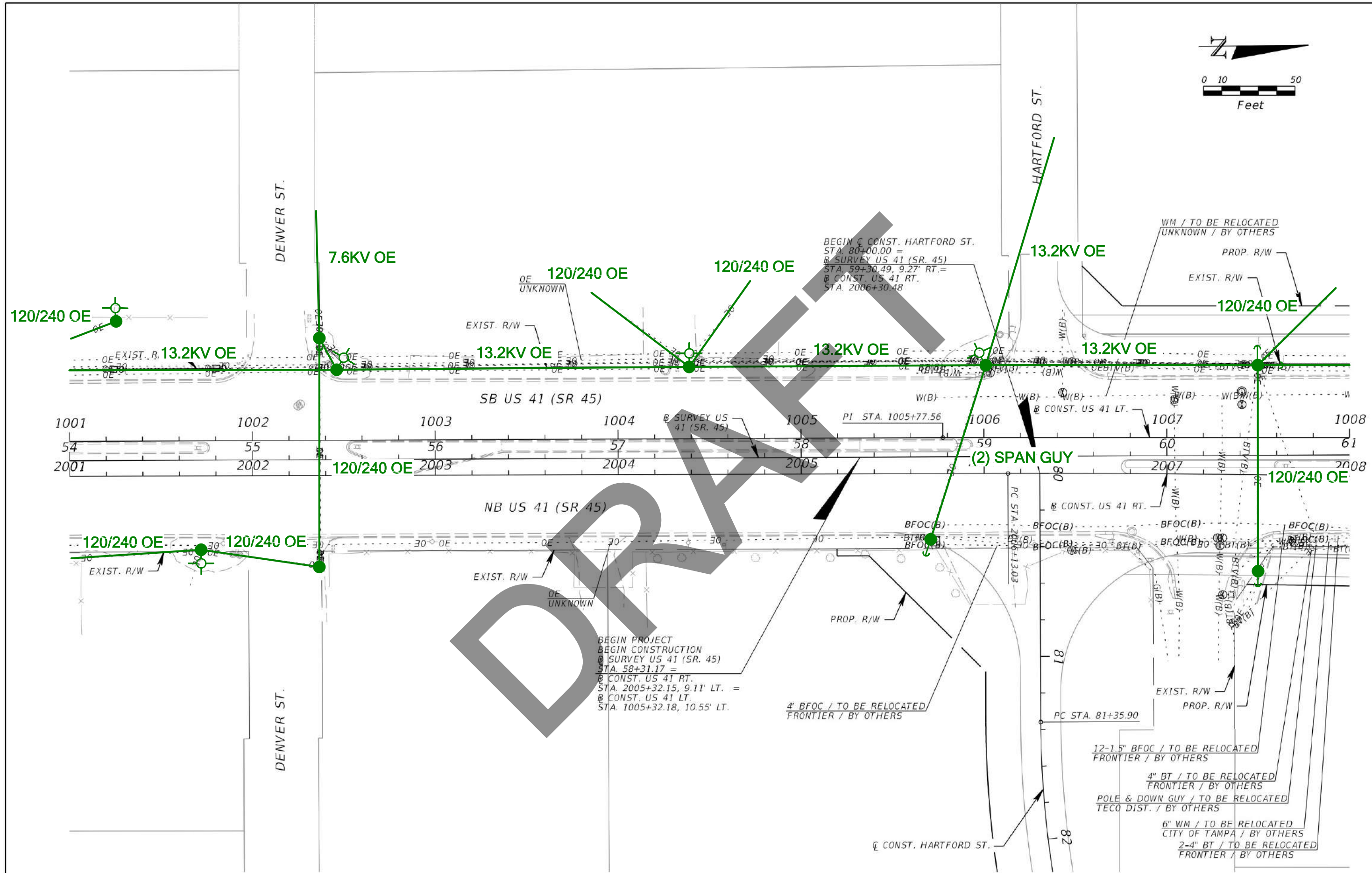
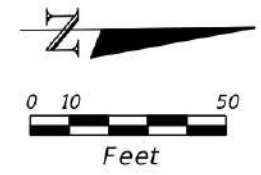
Standard Plans for Bridge Construction are included in the Structures Plans Component

GOVERNING STANDARD SPECIFICATIONS:
Florida Department of Transportation, July 2022 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

ROADWAY PLANS
ENGINEER OF RECORD:
BRANAN R. ANDERSON, P.E. NO.: 78438
KISINGER CAMPO AND ASSOCIATES CORP.
CONSULTING ENGINEERS & PLANNERS
201 N. FRANKLIN STREET, SUITE 400
TAMPA, FLORIDA 33602
(813) 871-5331
VENDOR NUMBER.: F59-1677145

FDOT PROJECT MANAGER:
TIM O'BRIEN P.E.

| CONSTRUCTION CONTRACT NO. | FISCAL YEAR | SHEET NO. |
|---------------------------|-------------|-----------|
| TBD | 21 | 1 |



| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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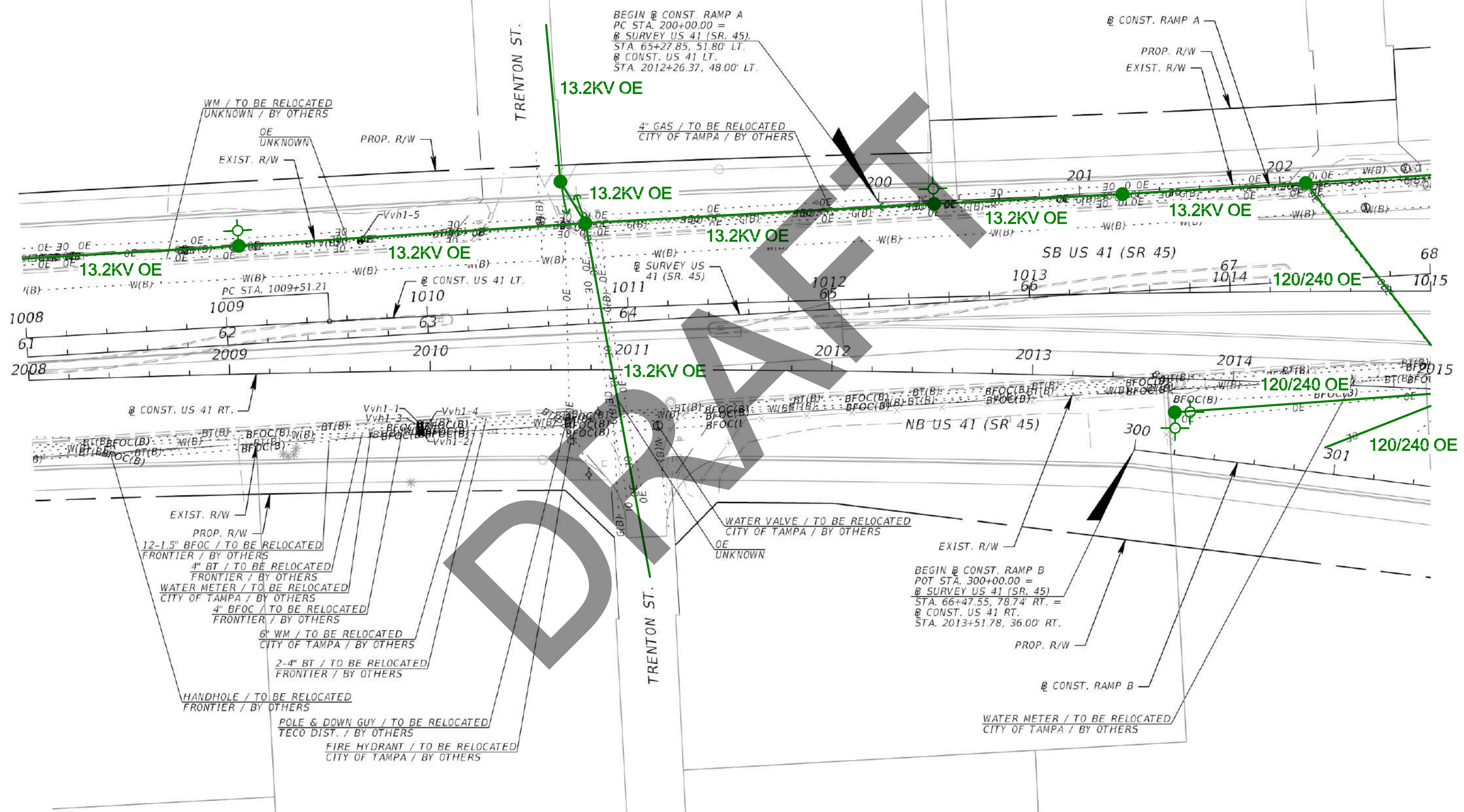
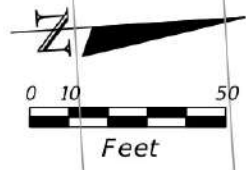
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No. 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (1)

SHEET NO.

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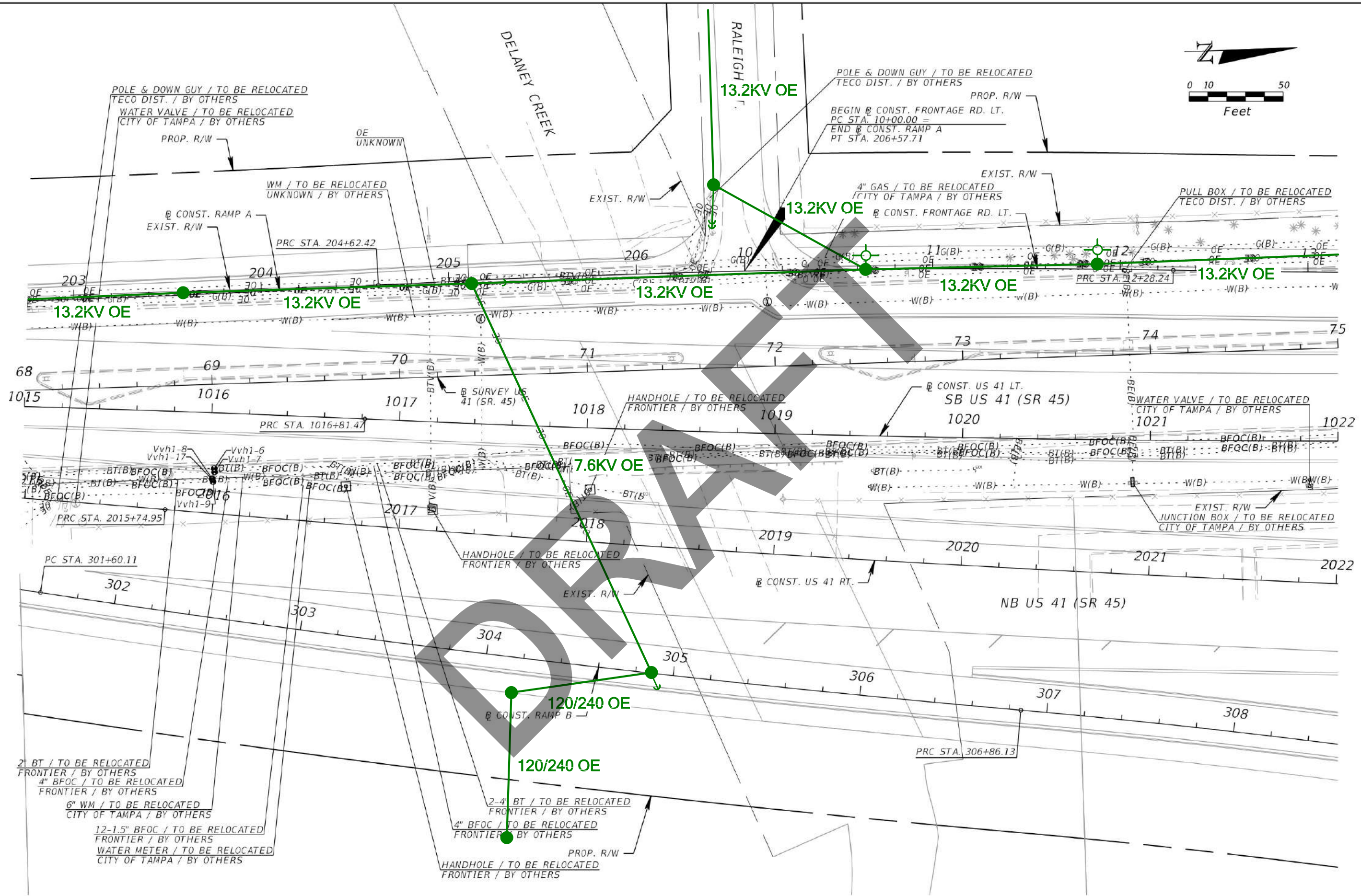
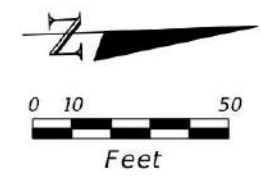
Kisinger Campo & Associates Corp.
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 Engineer of Record: Branan R. Anderson, PE
 P.E. No. 78438

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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (2)

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| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

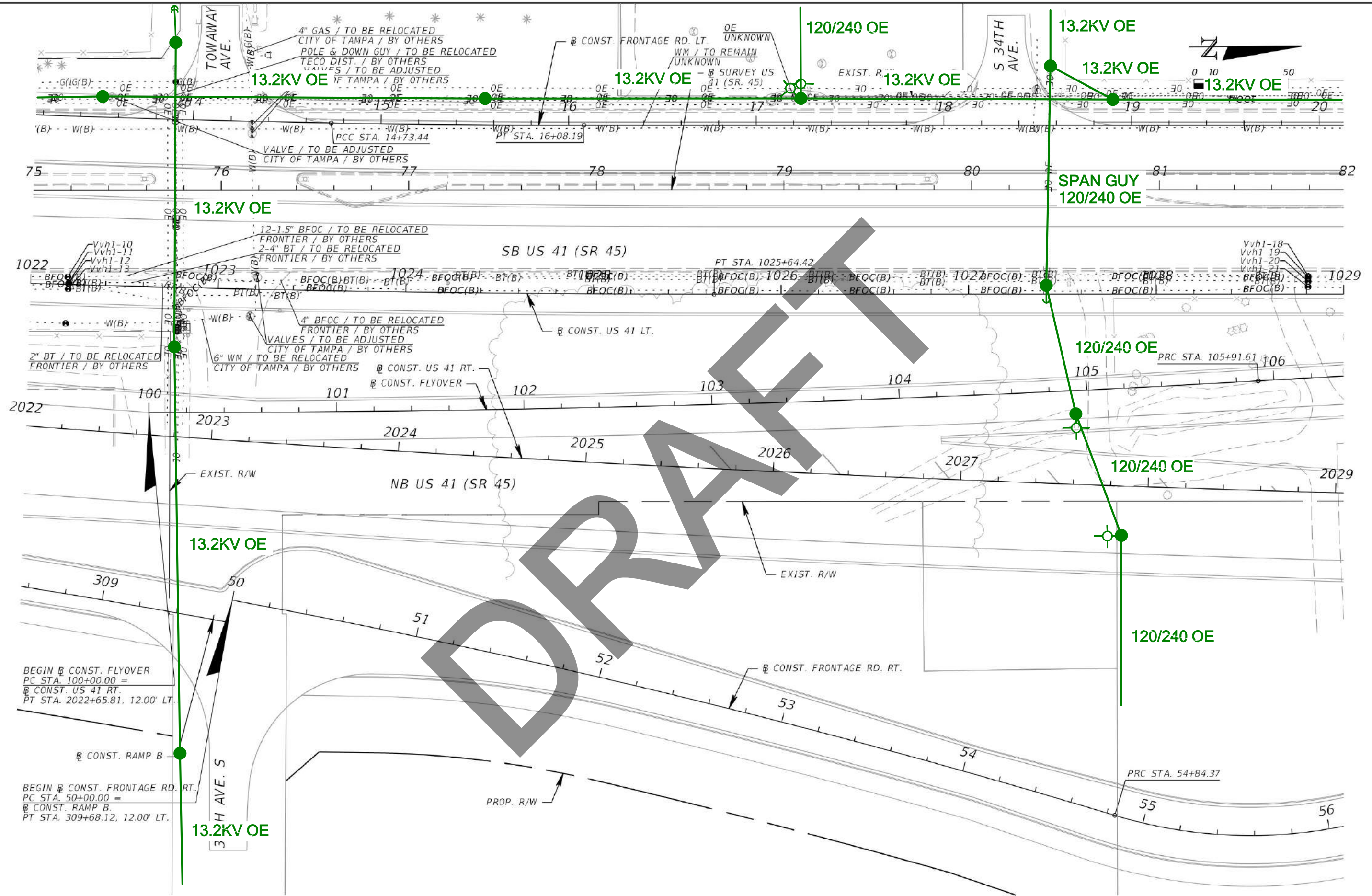
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 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P. E. No. 78438

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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (3)

SHEET NO.

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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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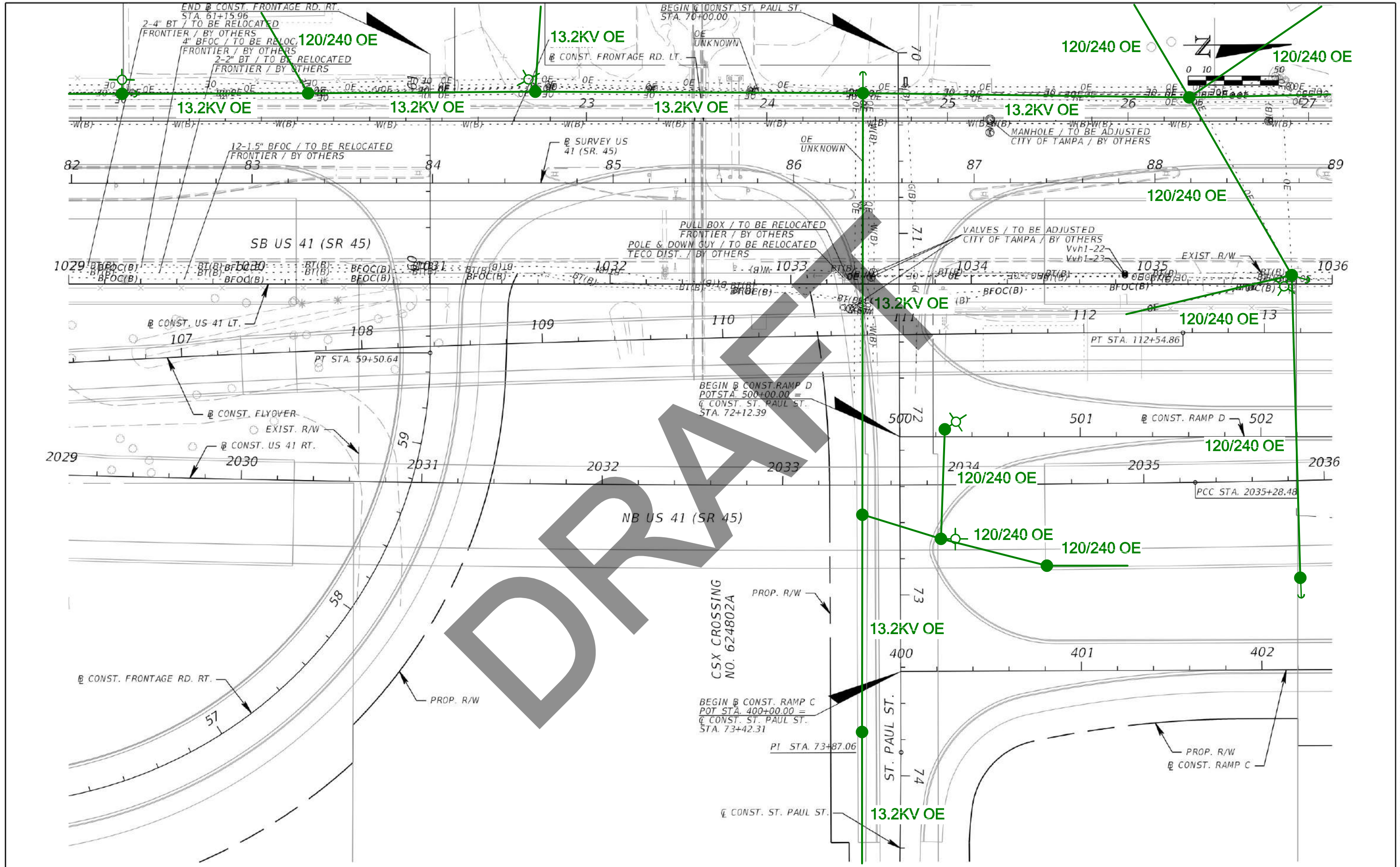
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No. 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (4)

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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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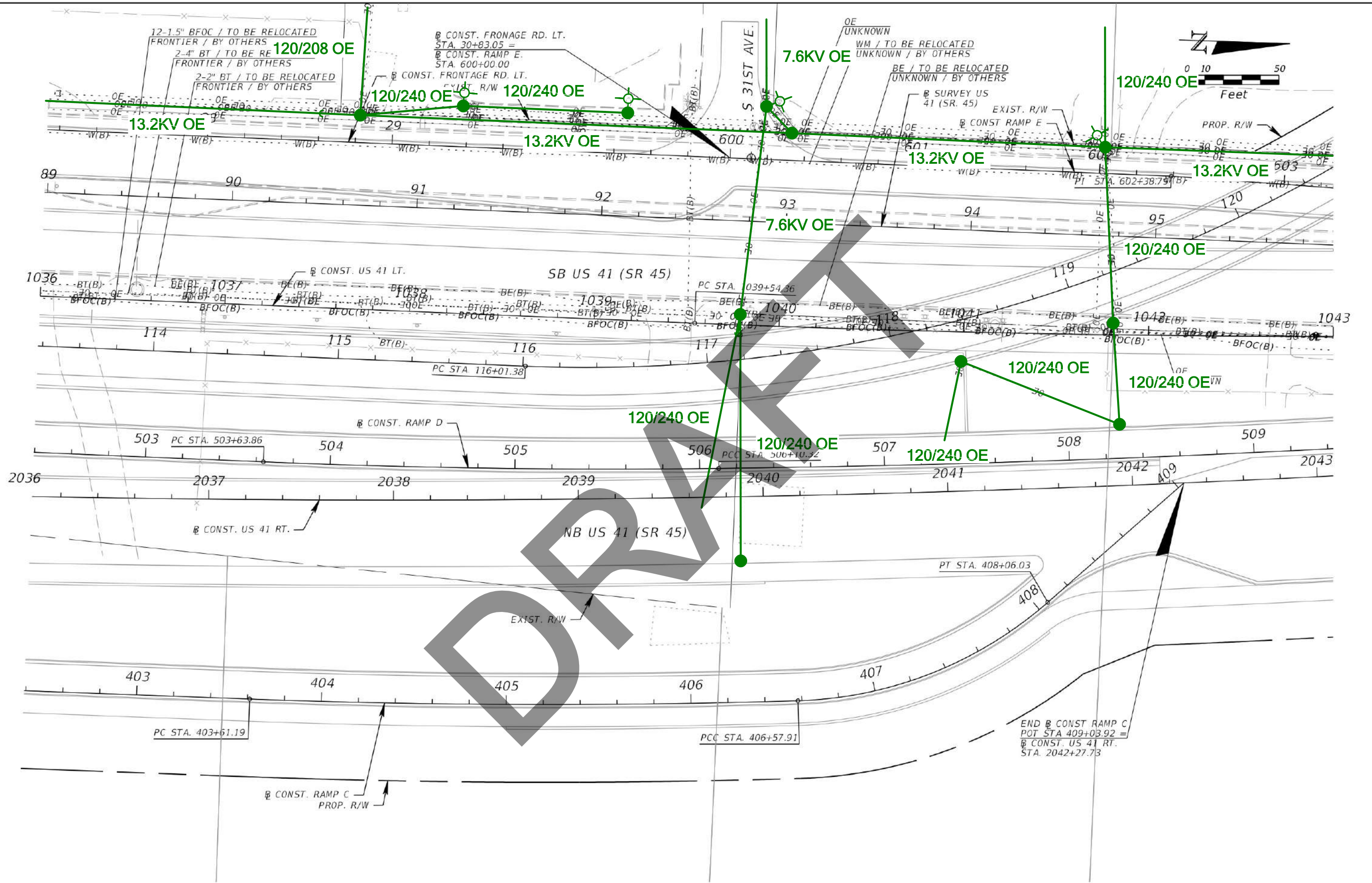
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No. 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (5)

SHEET NO.

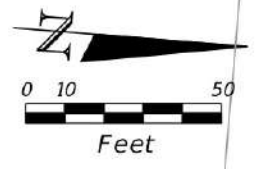
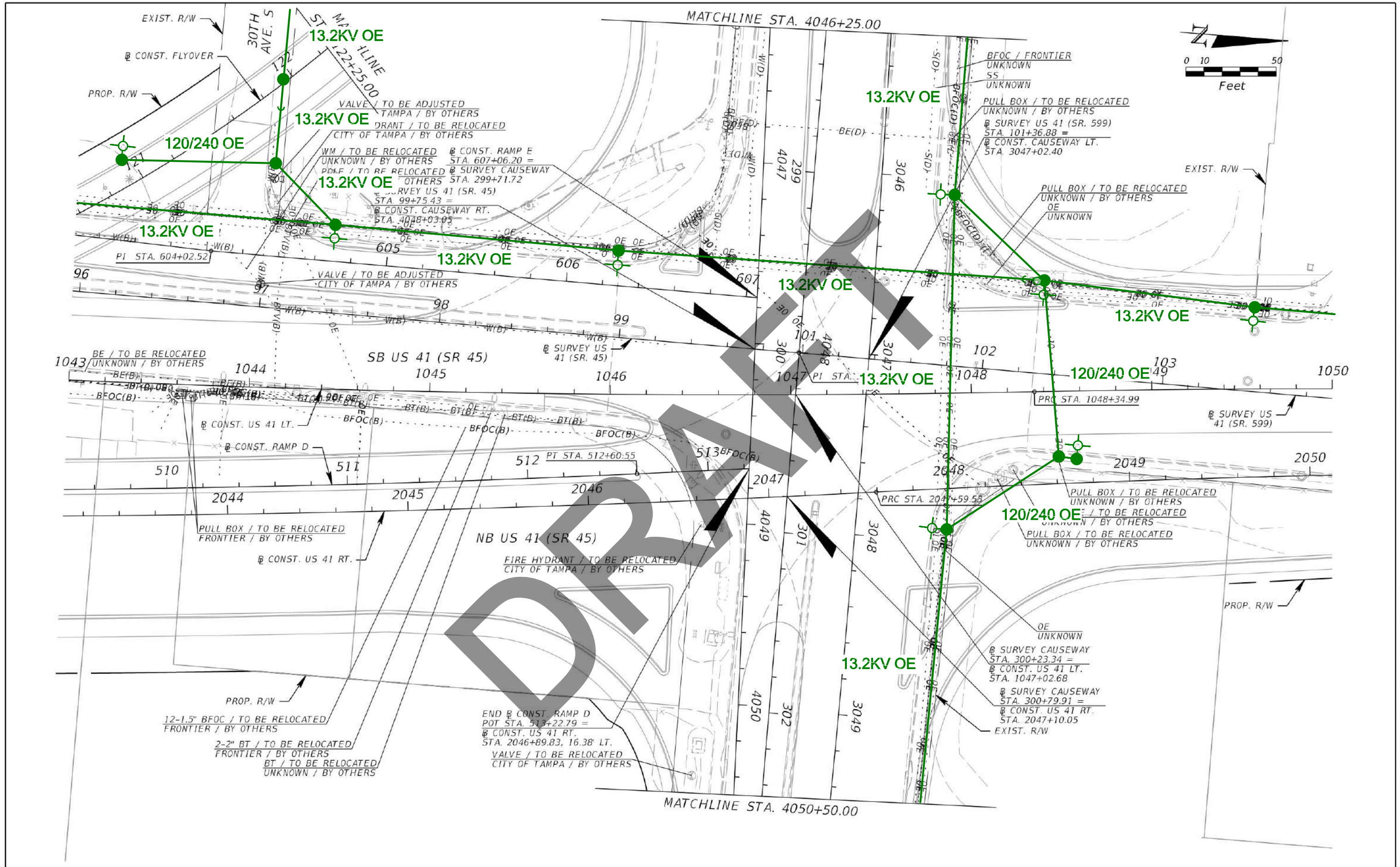
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|-----------|-------------|------|-------------|--|--|--------------|----------------------|-------------------------|--------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

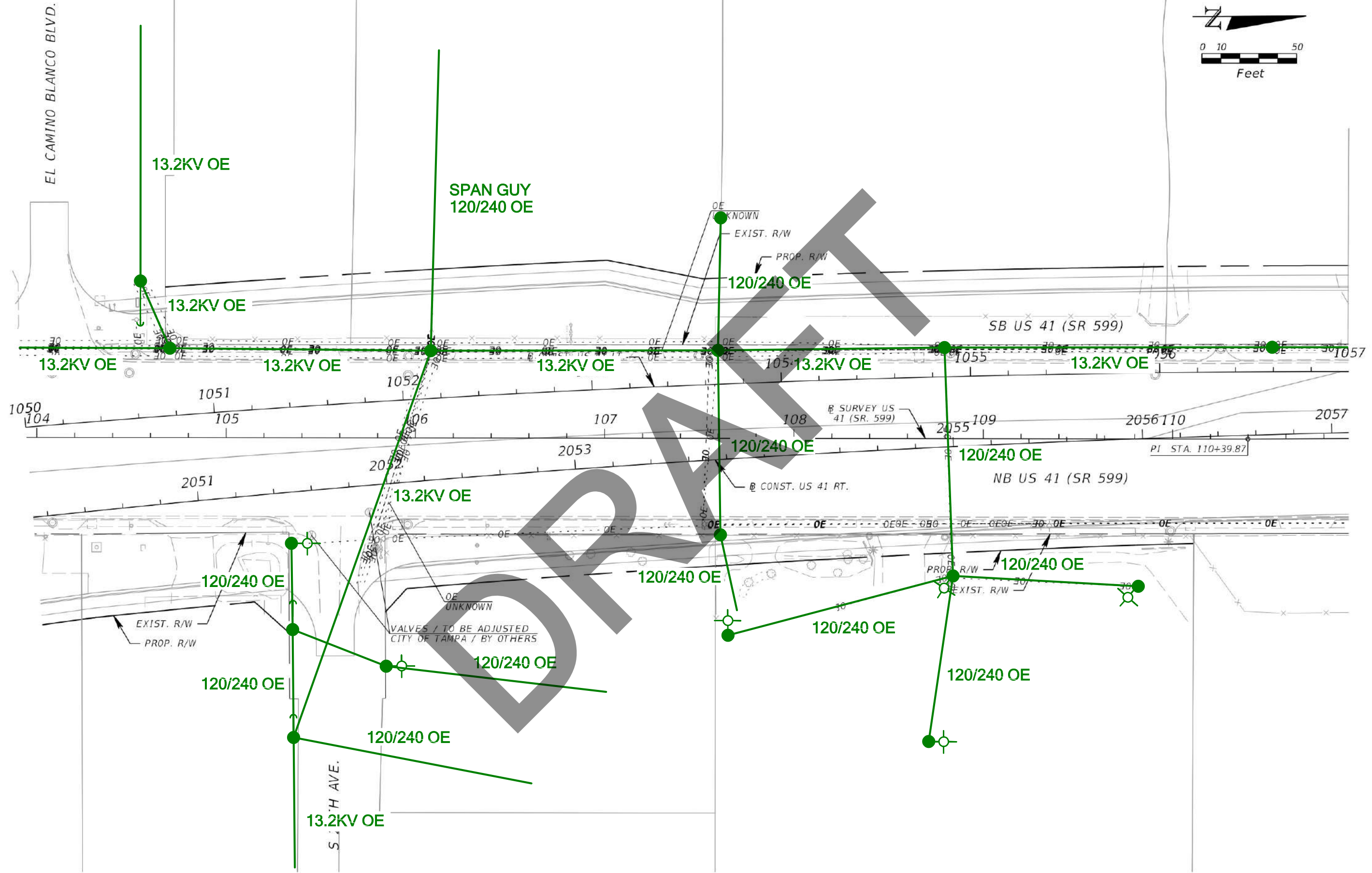
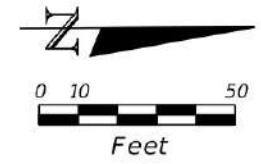
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| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No. 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (7) | SHEET NO. |
|-----------|-------------|------|-------------|--|--|--------------|----------------------|-------------------------|--------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

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| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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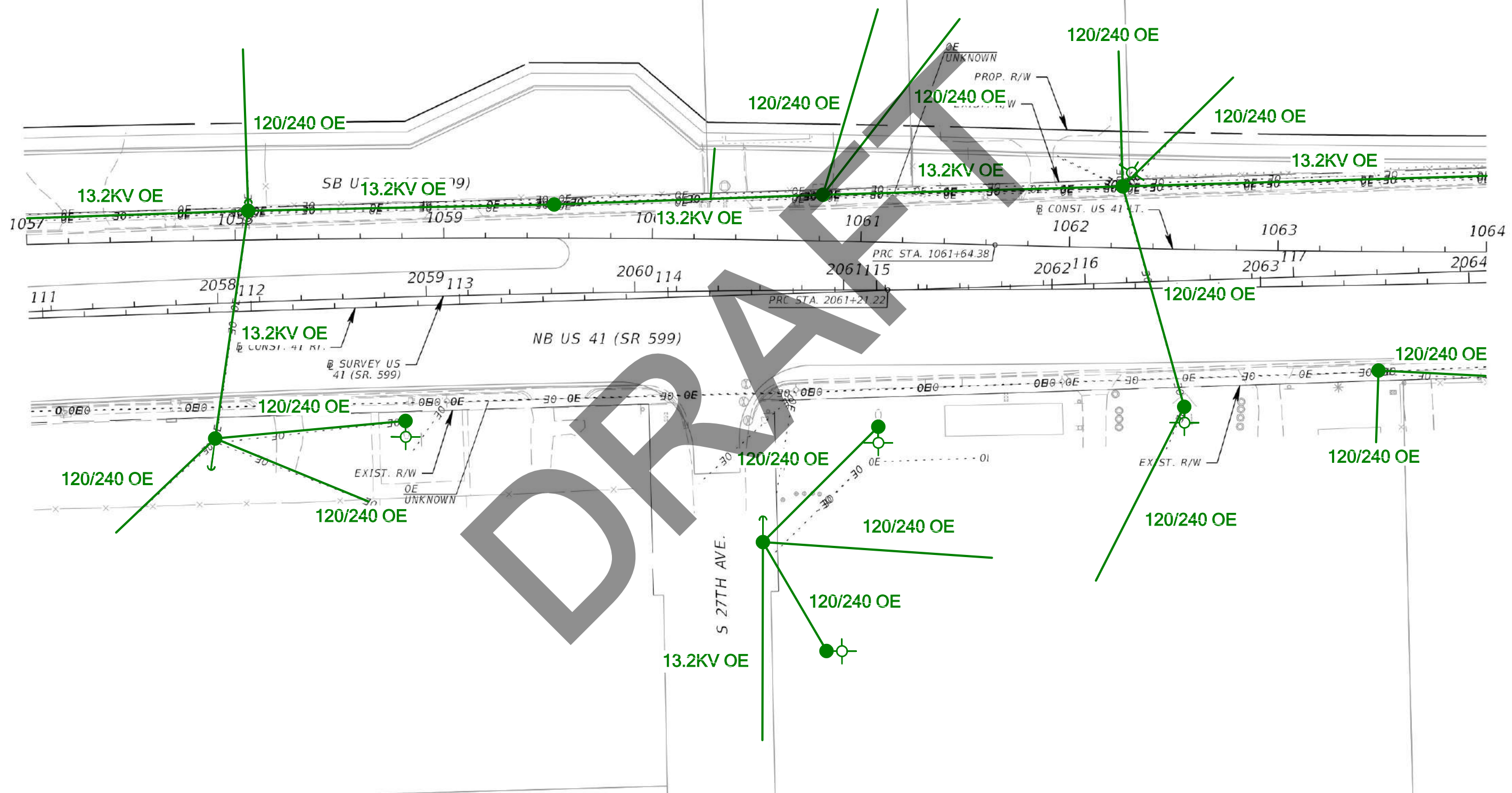
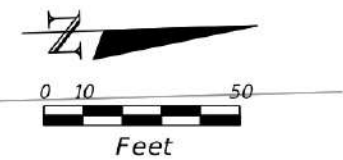
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (8)

SHEET NO.

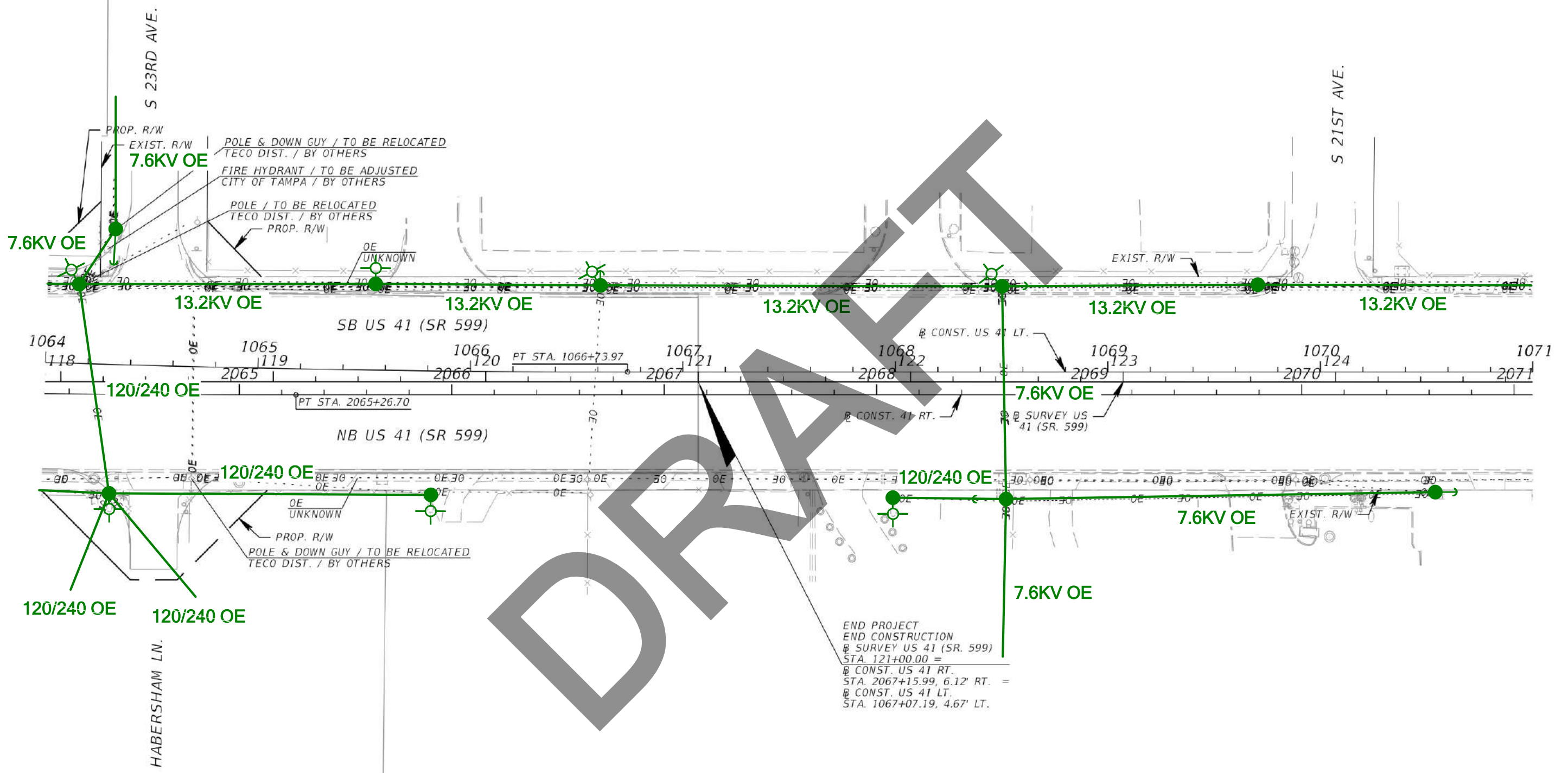
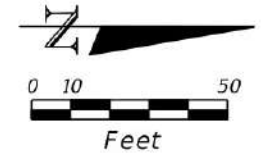
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DRAFT

| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No. 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (9) | SHEET NO. |
|-----------|-------------|------|-------------|--|--|--------------|----------------------|-------------------------|--------------|
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| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

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END PROJECT
 END CONSTRUCTION
 @ SURVEY US 41 (SR. 599)
 STA. 121+00.00 =
 @ CONST. US 41 RT.
 STA. 2067+15.99, 6.12' RT. =
 @ CONST. US 41 LT.
 STA. 1067+07.19, 4.67' LT.

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

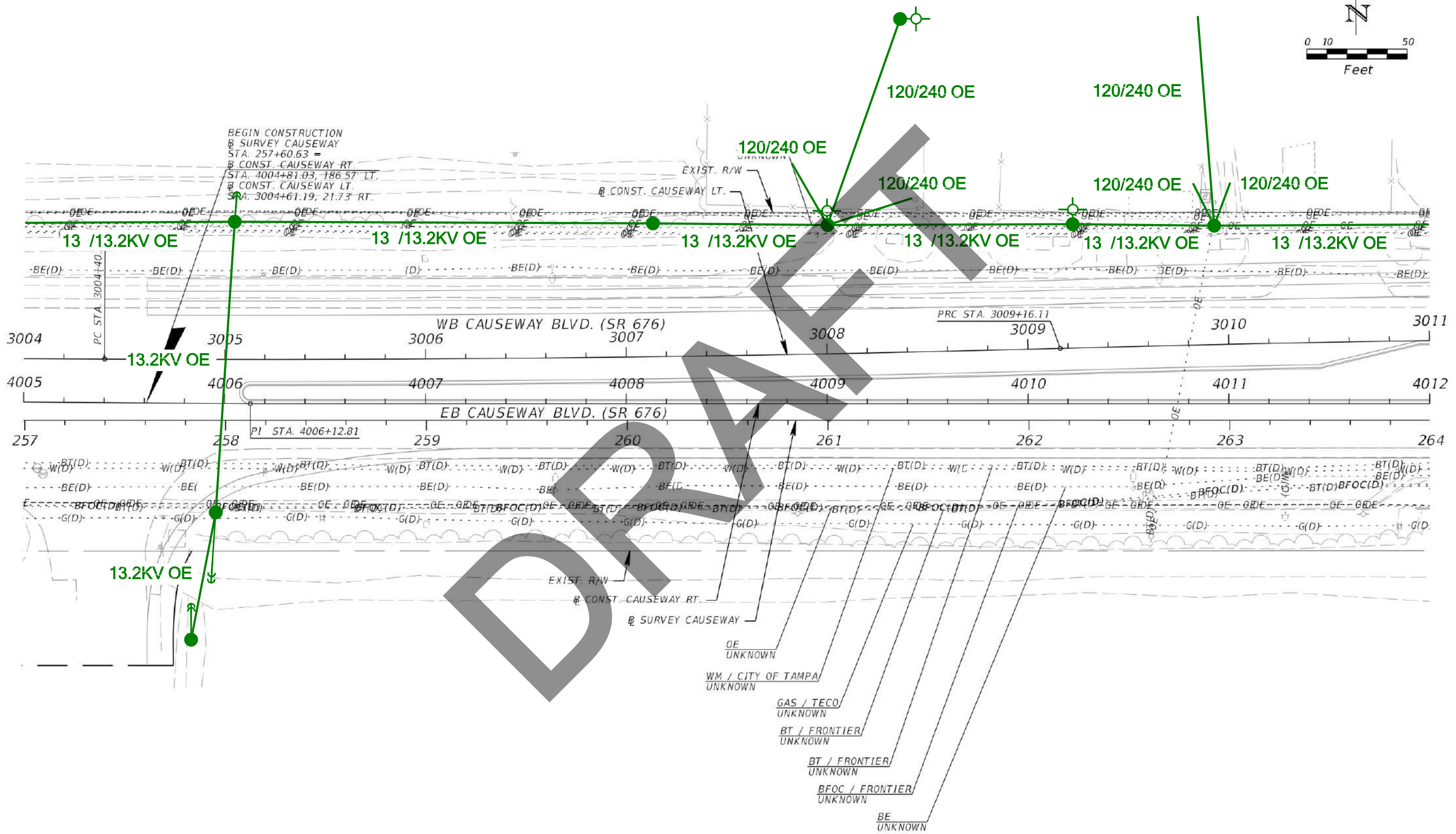
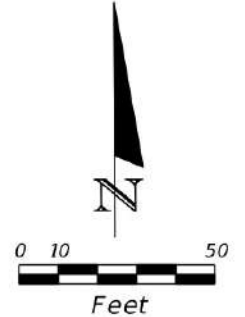
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No. 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (10)

SHEET NO.

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| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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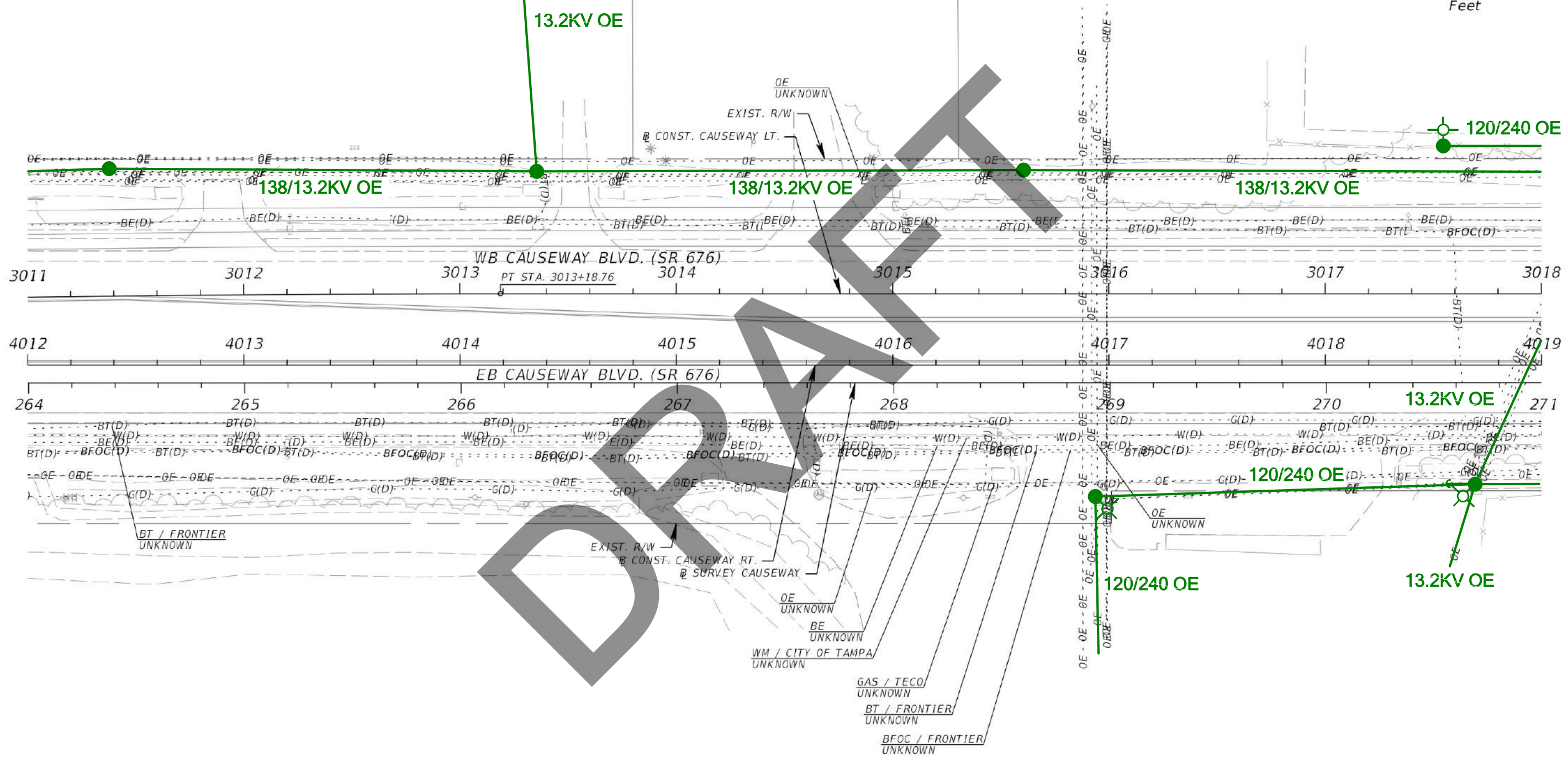
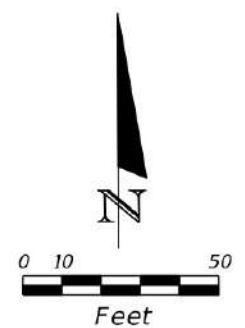
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No. 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (11)

SHEET NO.

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| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

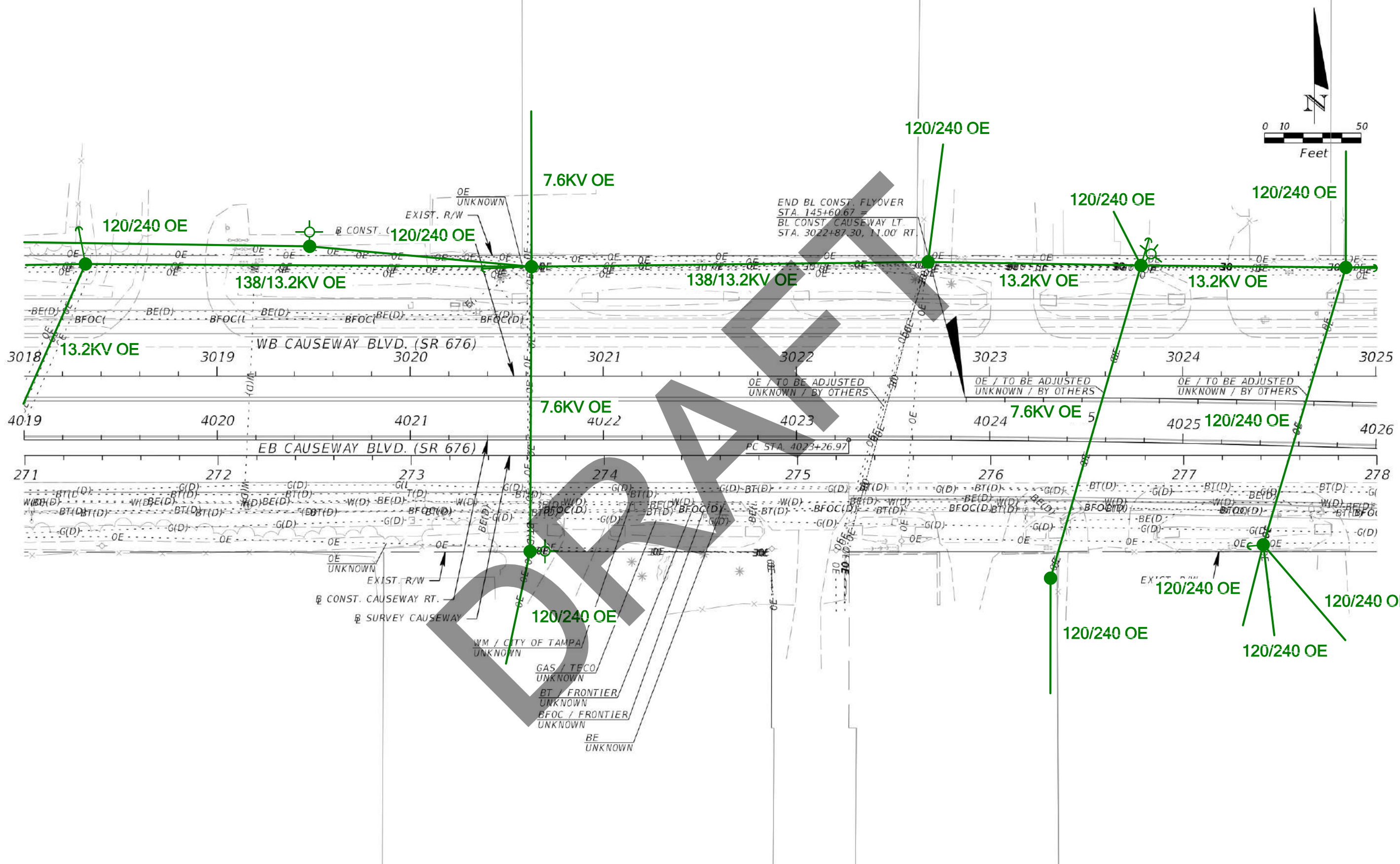
Kisinger Campo & Associates Corp.
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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (12)

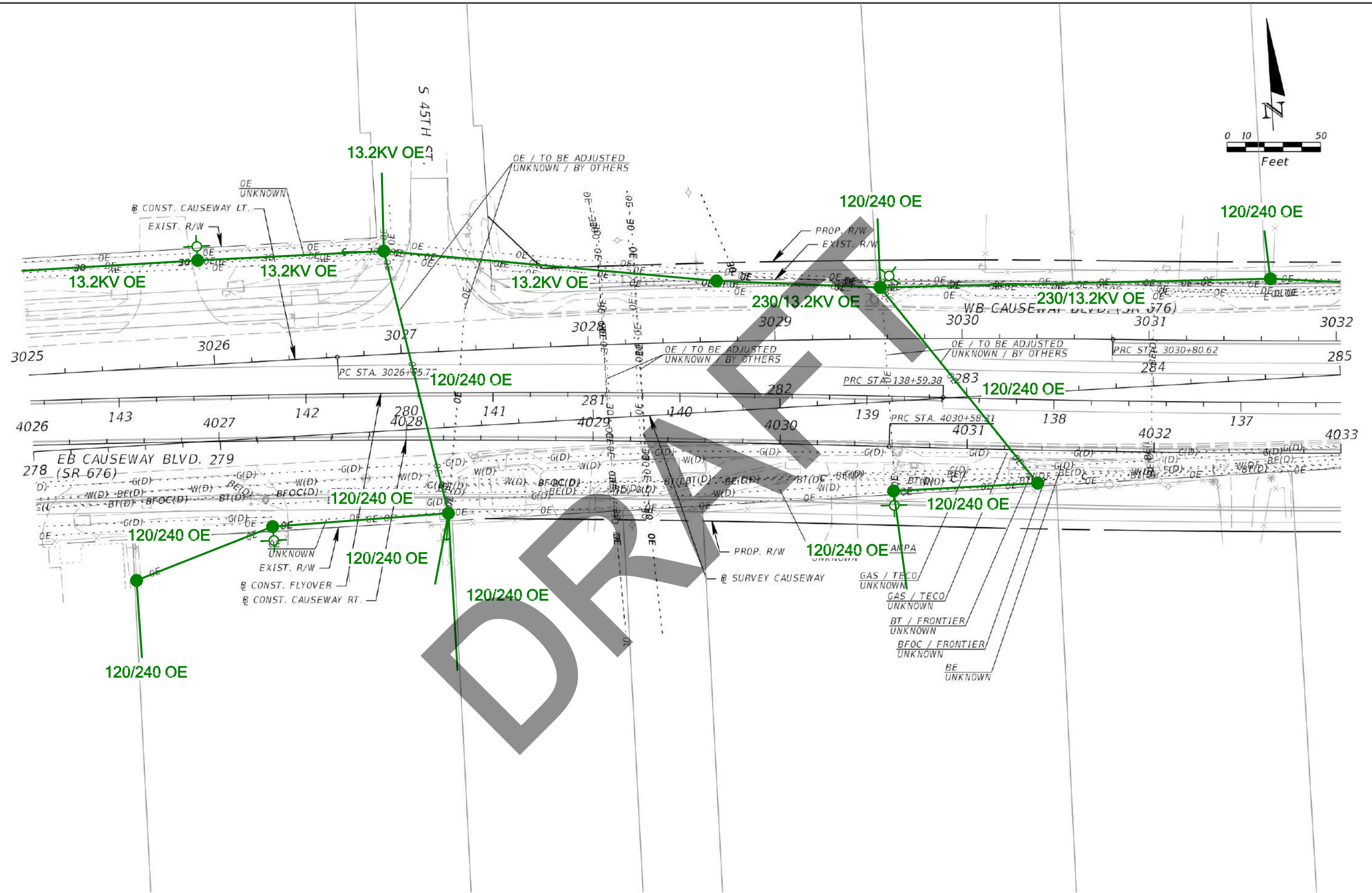
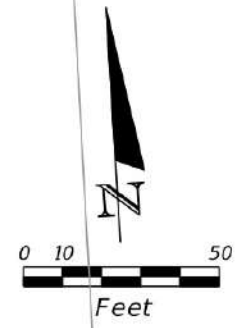
SHEET NO.

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

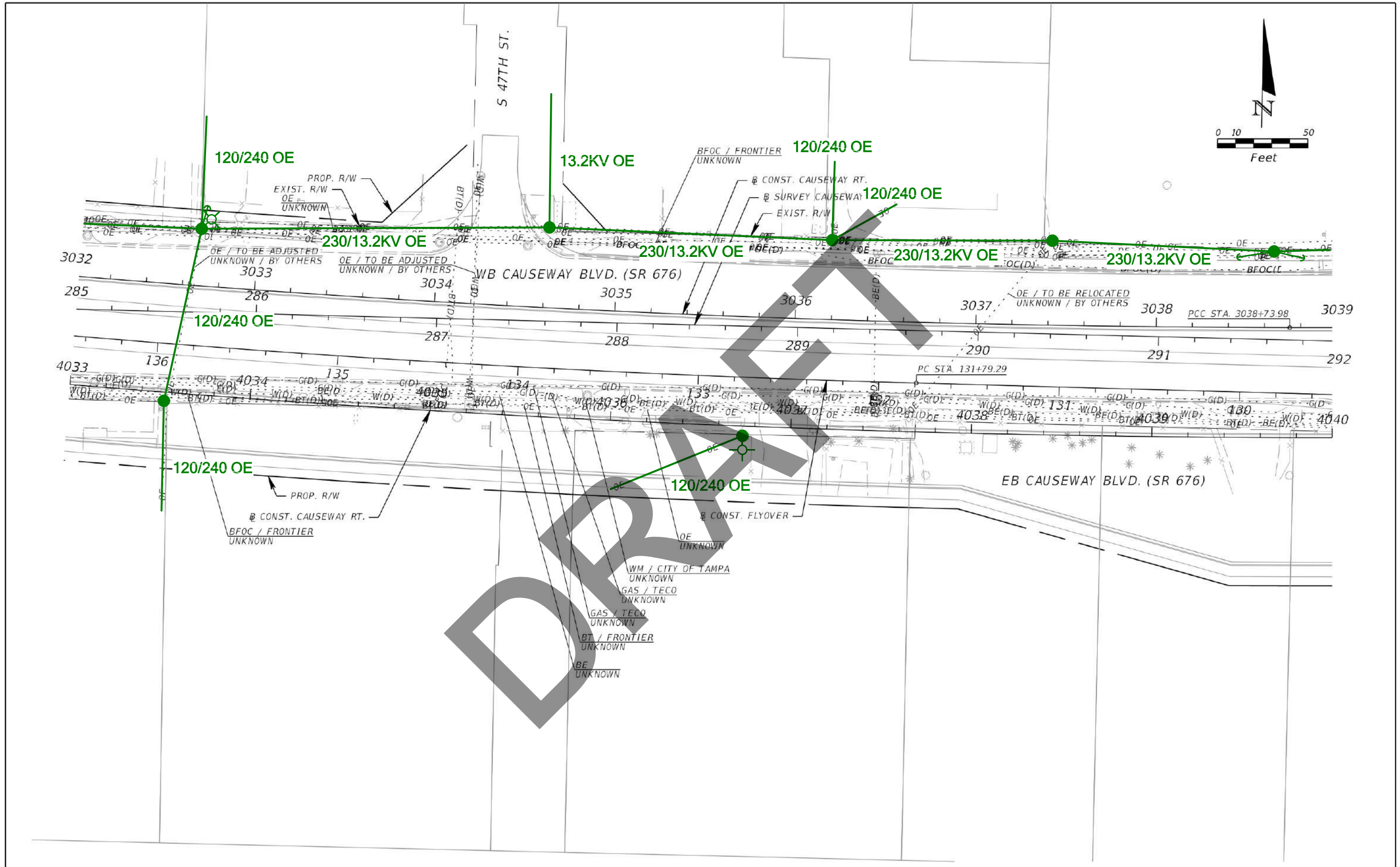
| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No. 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (13) | SHEET NO. |
|-----------|-------------|------|-------------|--|--|--------------|----------------------|---------------------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |



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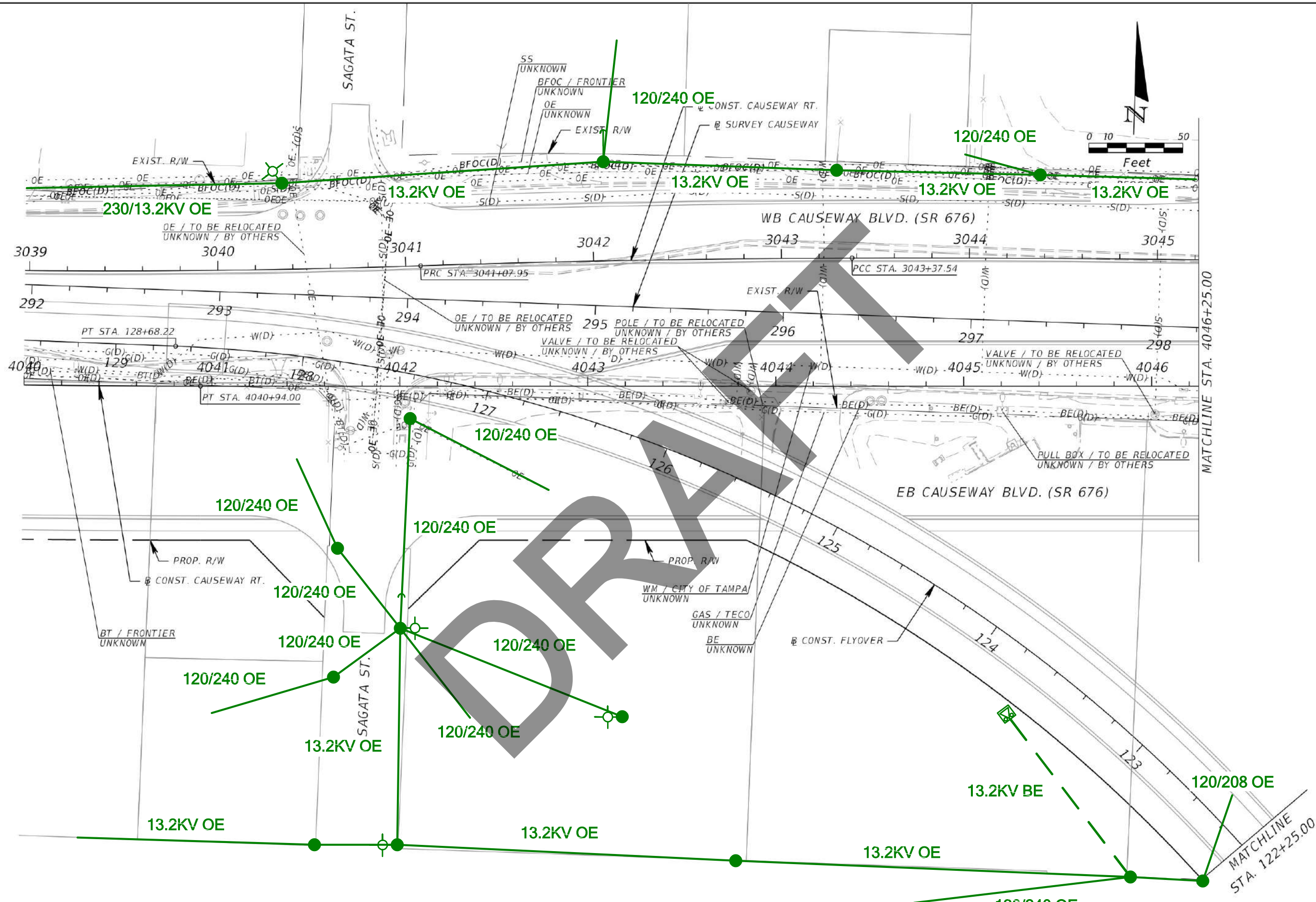
| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No. 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (14) | SHEET NO. |
|-----------|-------------|------|-------------|--|--|--------------|----------------------|---------------------------------|--------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

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|-----------|-------------|------|-------------|--|--|--------------|----------------------|--------------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |



| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
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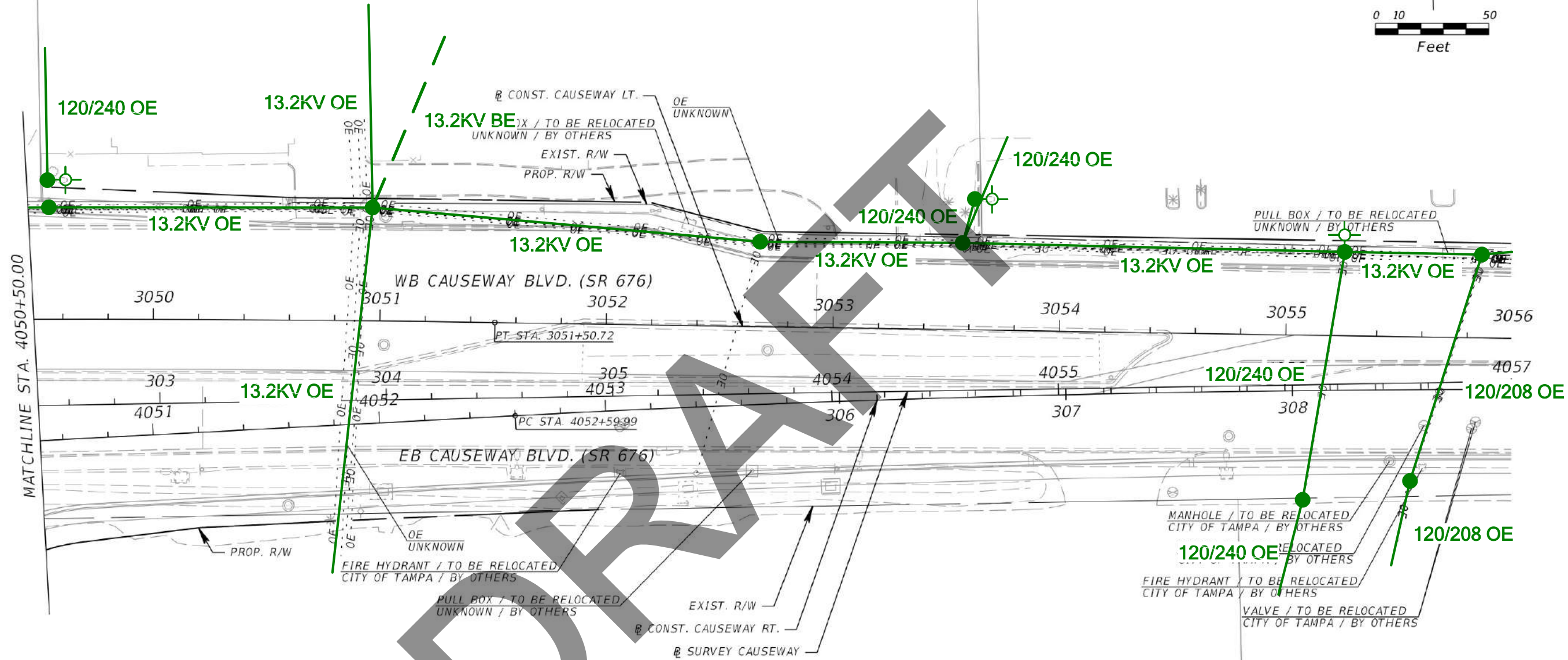
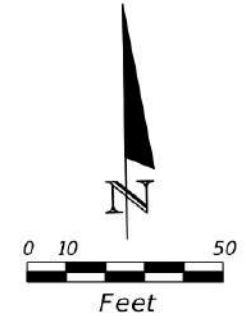
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (16)

SHEET NO.

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MATCHLINE STA. 4050+50.00

DRAFT

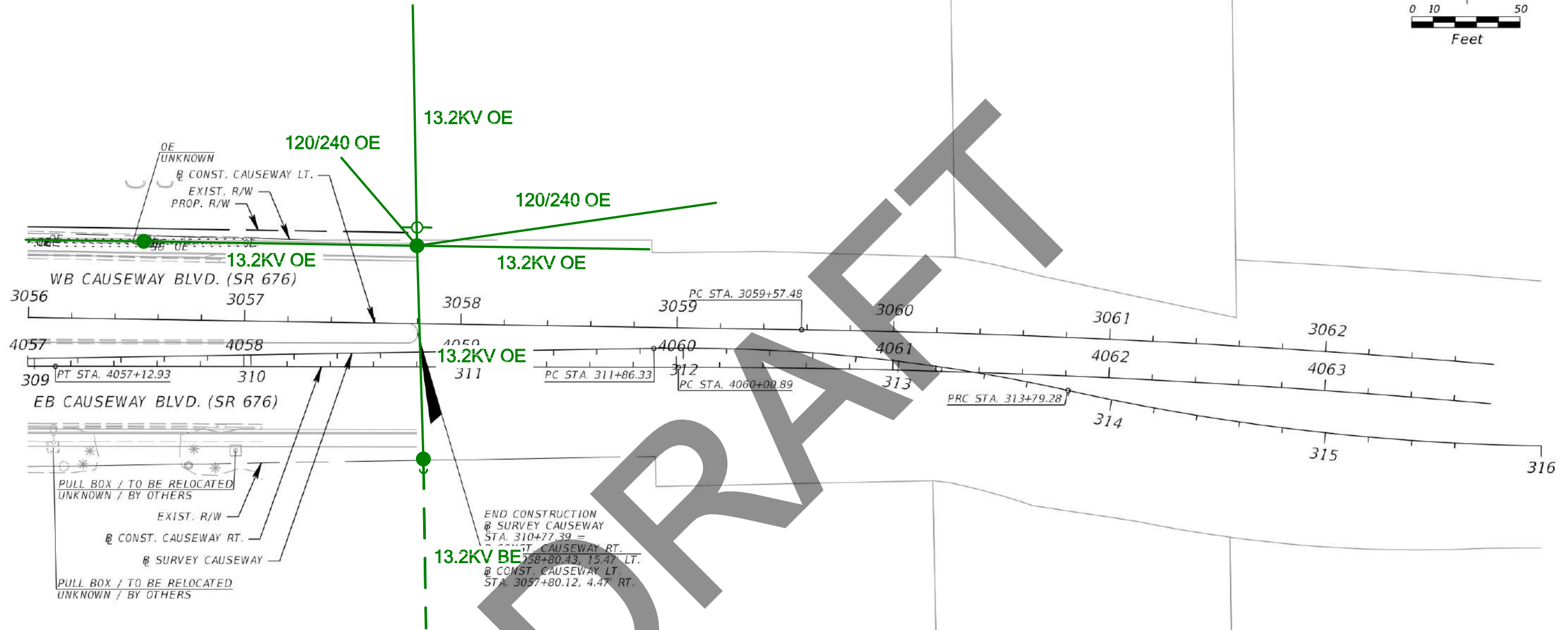
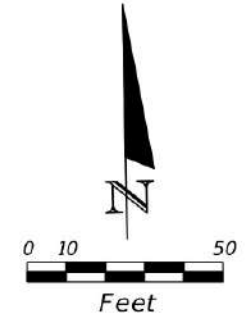
| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (17)

SHEET
NO.



| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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 201 N. Franklin Street, Suite 400
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 P.E. No. 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

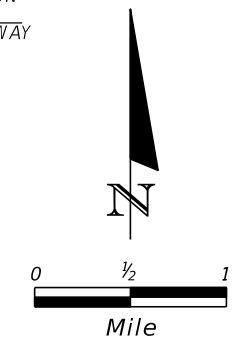
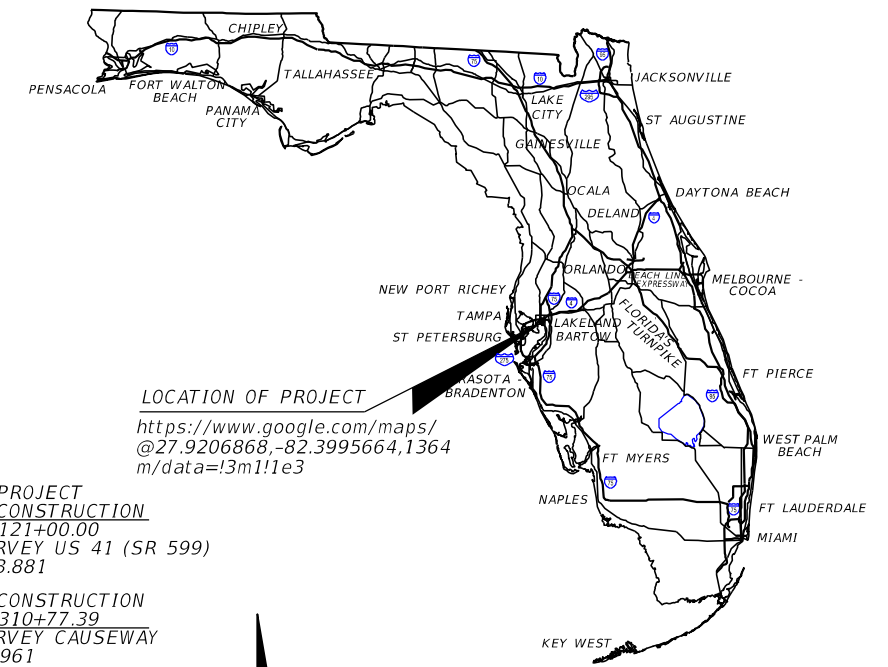
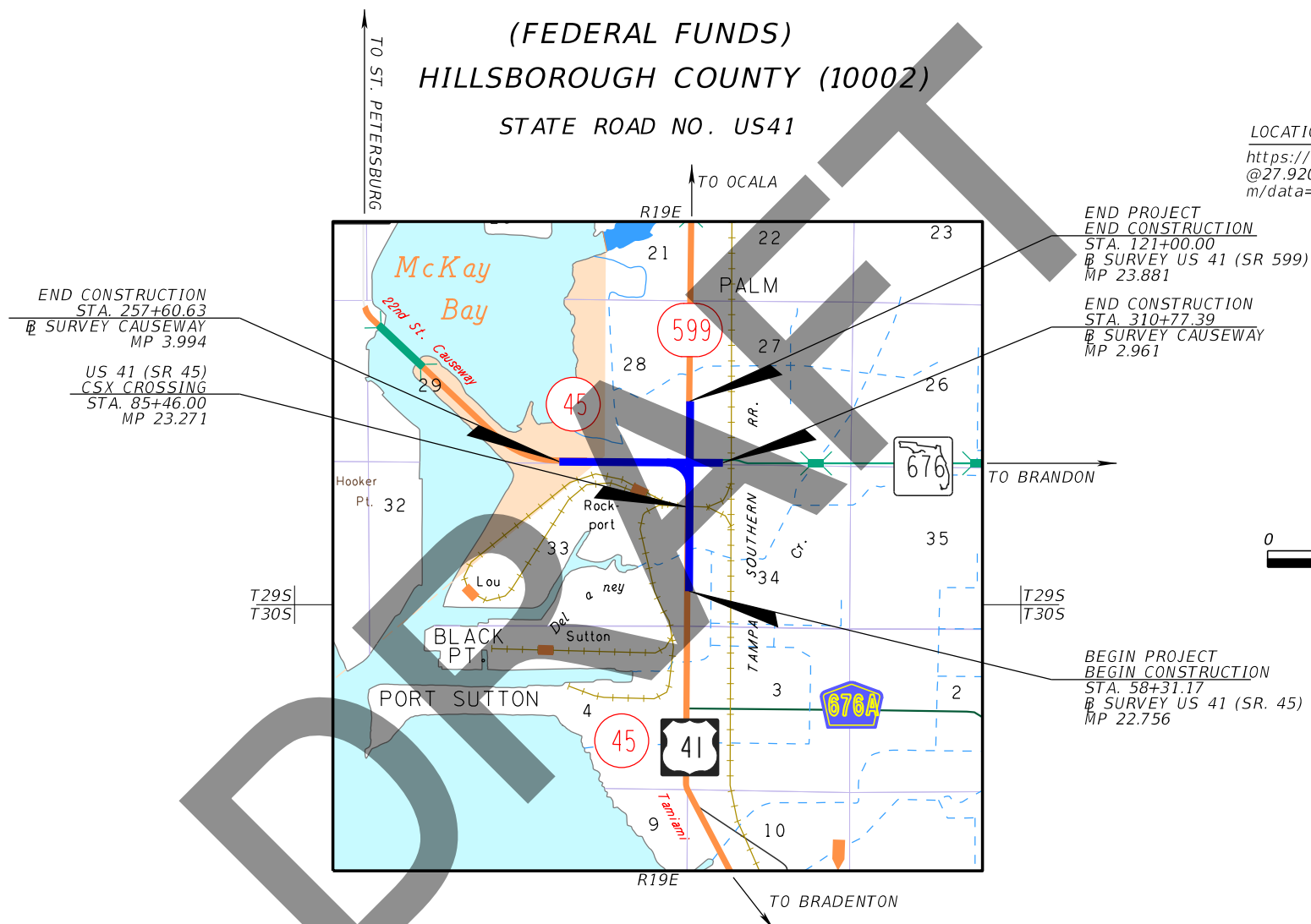
UTILITY ADJUSTMENTS (18)

SHEET NO.

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 440749-1-52-01
(FEDERAL FUNDS)
HILLSBOROUGH COUNTY (10002)
STATE ROAD NO. US41



GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2021-22 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, July 2022 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

ROADWAY PLANS

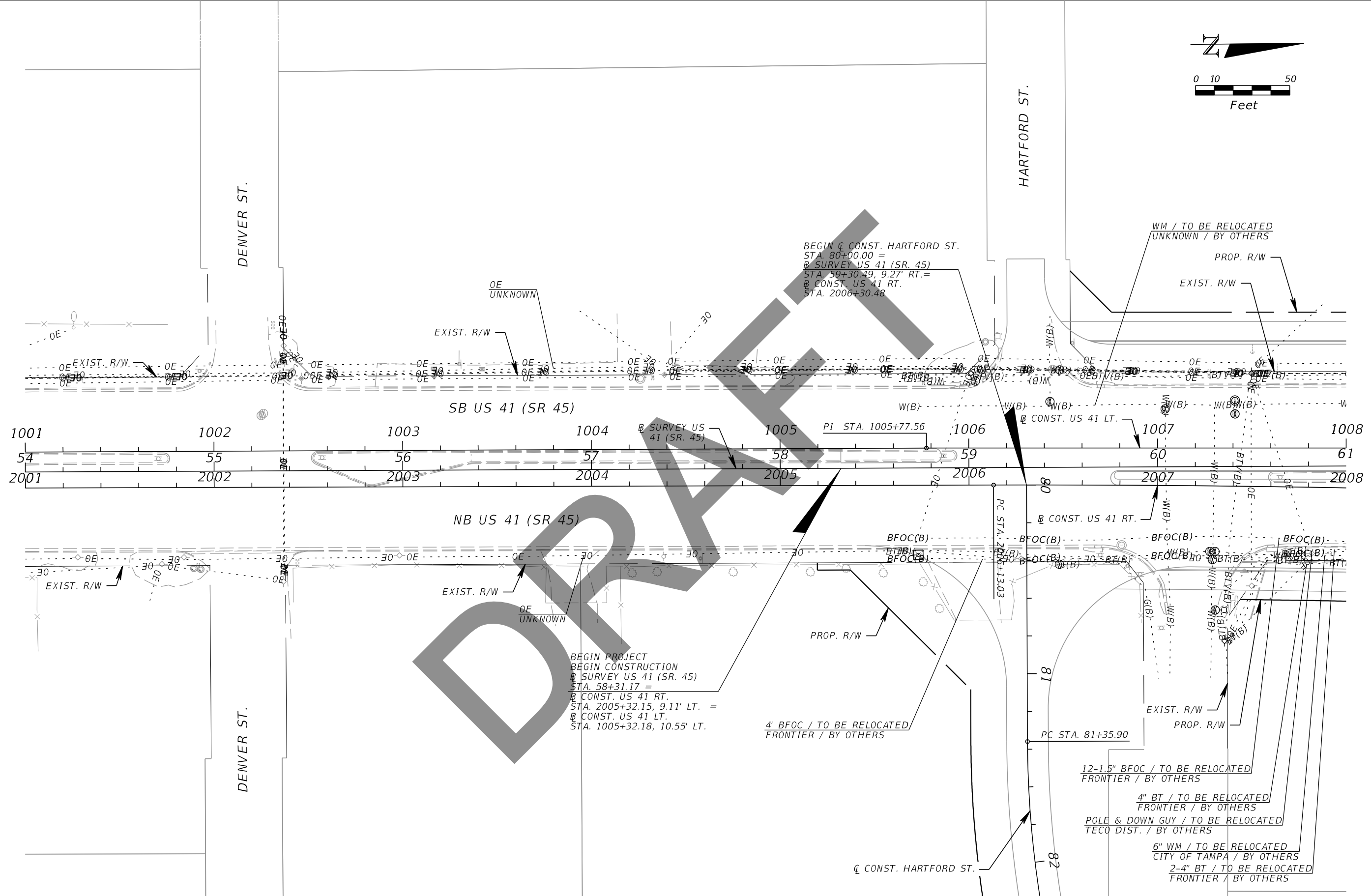
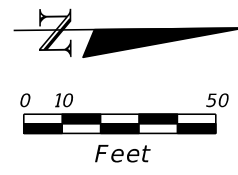
ENGINEER OF RECORD:

BRANAN R. ANDERSON, P.E. NO.: 78438
KISINGER CAMPO AND ASSOCIATES CORP.
CONSULTING ENGINEERS & PLANNERS
201 N. FRANKLIN STREET, SUITE 400
TAMPA, FLORIDA 33602
(813) 871-5331
VENDOR NUMBER.: F59-1677145

FDOT PROJECT MANAGER:

TIM O'BRIEN P.E.

| CONSTRUCTION CONTRACT NO. | FISCAL YEAR | SHEET NO. |
|---------------------------|-------------|-----------|
| TBD | 21 | 1 |



| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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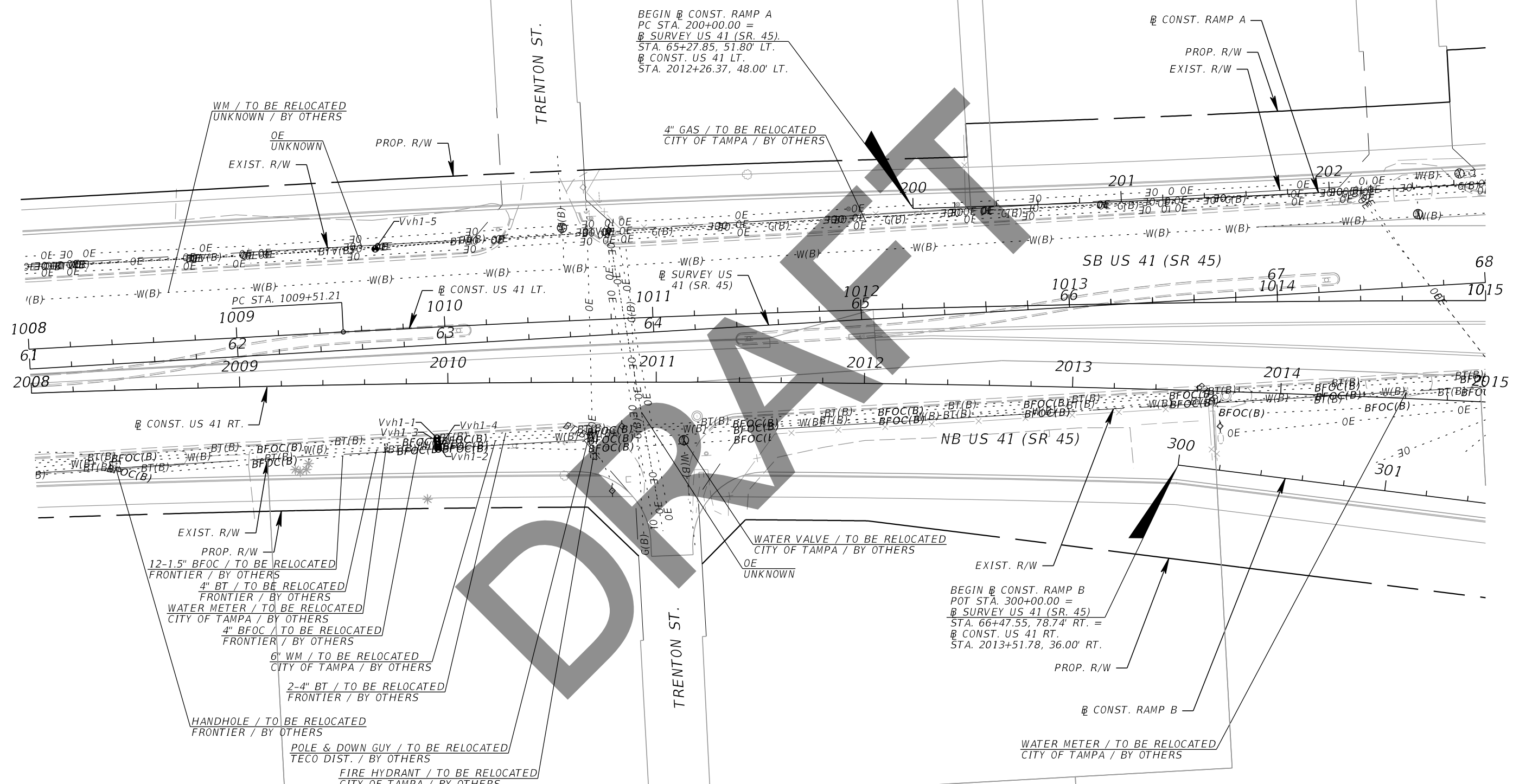
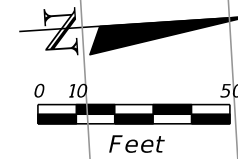
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (1)

SHEET NO.

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WM / TO BE RELOCATED
UNKNOWN / BY OTHERS

OE
UNKNOWN

EXIST. R/W

PROP. R/W

BEGIN CONST. RAMP A
PC STA. 200+00.00 =
SURVEY US 41 (SR. 45)
STA. 65+27.85, 51.80' LT.
CONST. US 41 LT.
STA. 2012+26.37, 48.00' LT.

CONST. RAMP A

PROP. R/W

EXIST. R/W

4\"/>

SB US 41 (SR 45)

NB US 41 (SR 45)

CONST. US 41 RT.

EXIST. R/W

PROP. R/W

12-1.5\"/>

WATER VALVE / TO BE RELOCATED
CITY OF TAMPA / BY OTHERS

OE
UNKNOWN

BEGIN CONST. RAMP B
POT STA. 300+00.00 =
SURVEY US 41 (SR. 45)
STA. 66+47.55, 78.74' RT. =
CONST. US 41 RT.
STA. 2013+51.78, 36.00' RT.

WATER METER / TO BE RELOCATED
CITY OF TAMPA / BY OTHERS

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

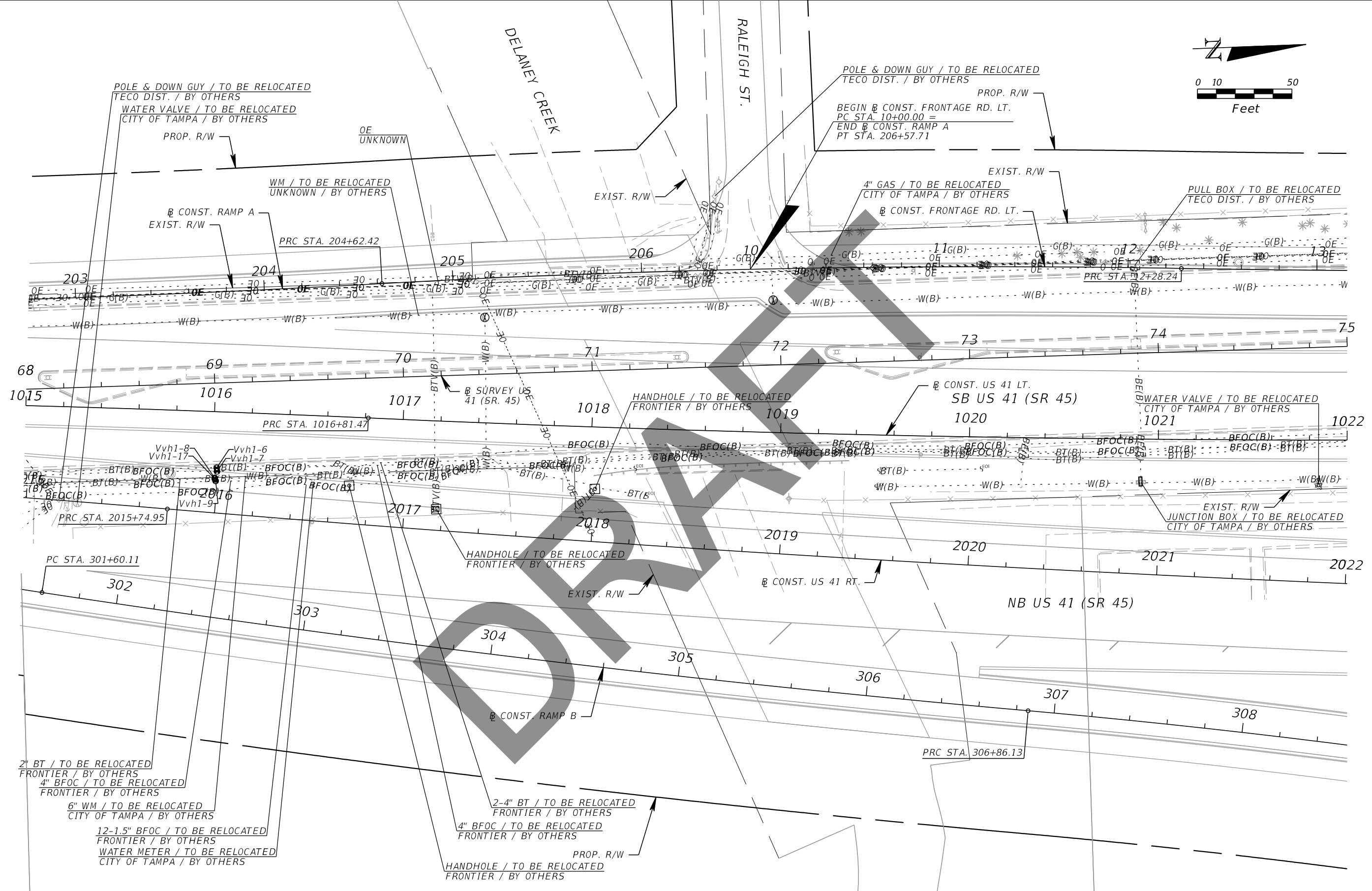
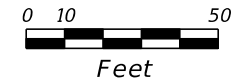
Kisinger Campo & Associates Corp.
201 N. Franklin Street, Suite 400
Tampa, Florida 33602
Engineer of Record: Branan R. Anderson, PE
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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--|--------------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (2)

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| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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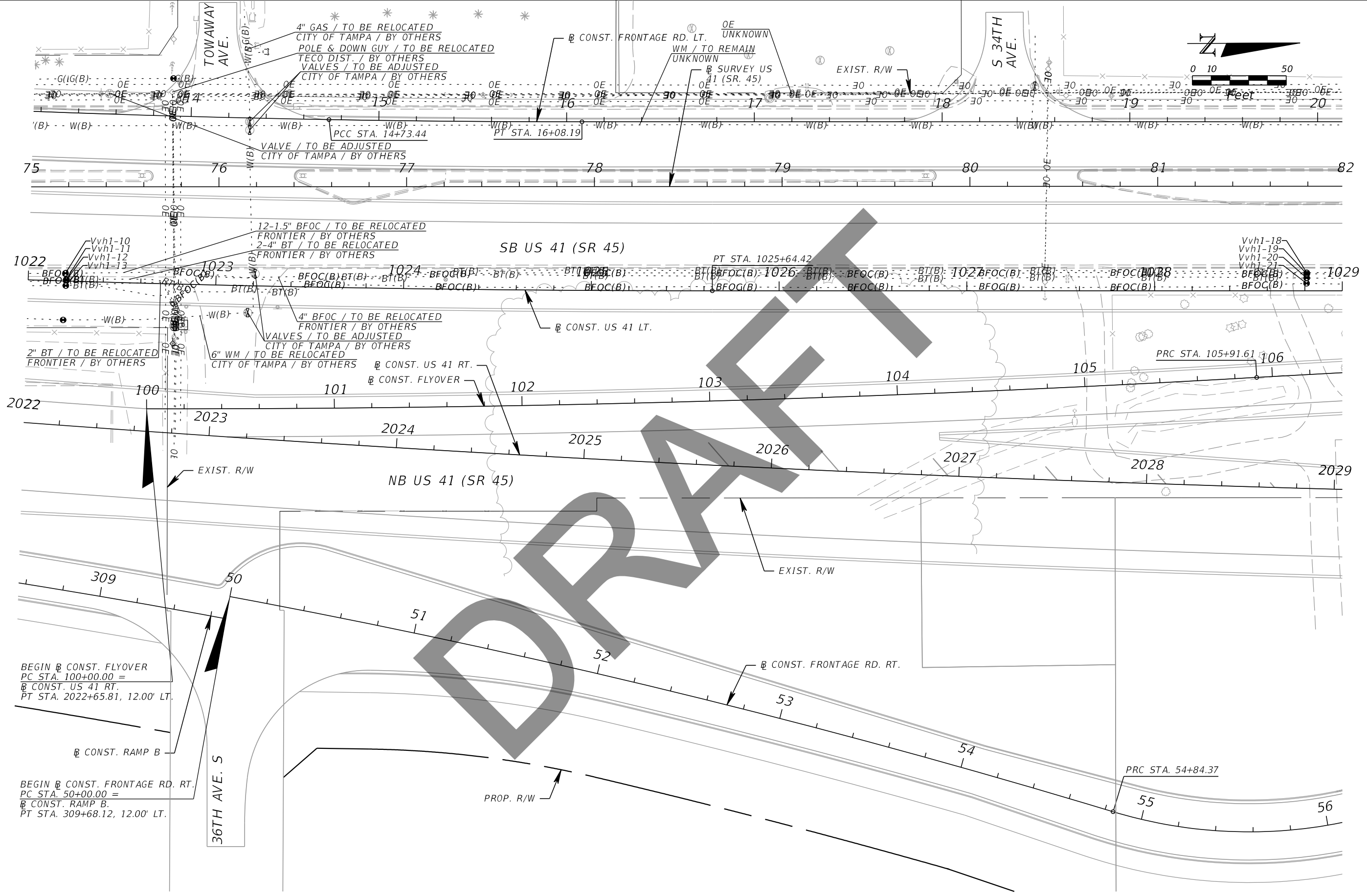
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (3)

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BEGIN @ CONST. FLYOVER
 PC STA. 100+00.00 =
 @ CONST. US 41 RT.
 PT STA. 2022+65.81, 12.00' LT.

@ CONST. RAMP B

BEGIN @ CONST. FRONTAGE RD. RT.
 PC STA. 50+00.00 =
 @ CONST. RAMP B.
 PT STA. 309+68.12, 12.00' LT.

| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

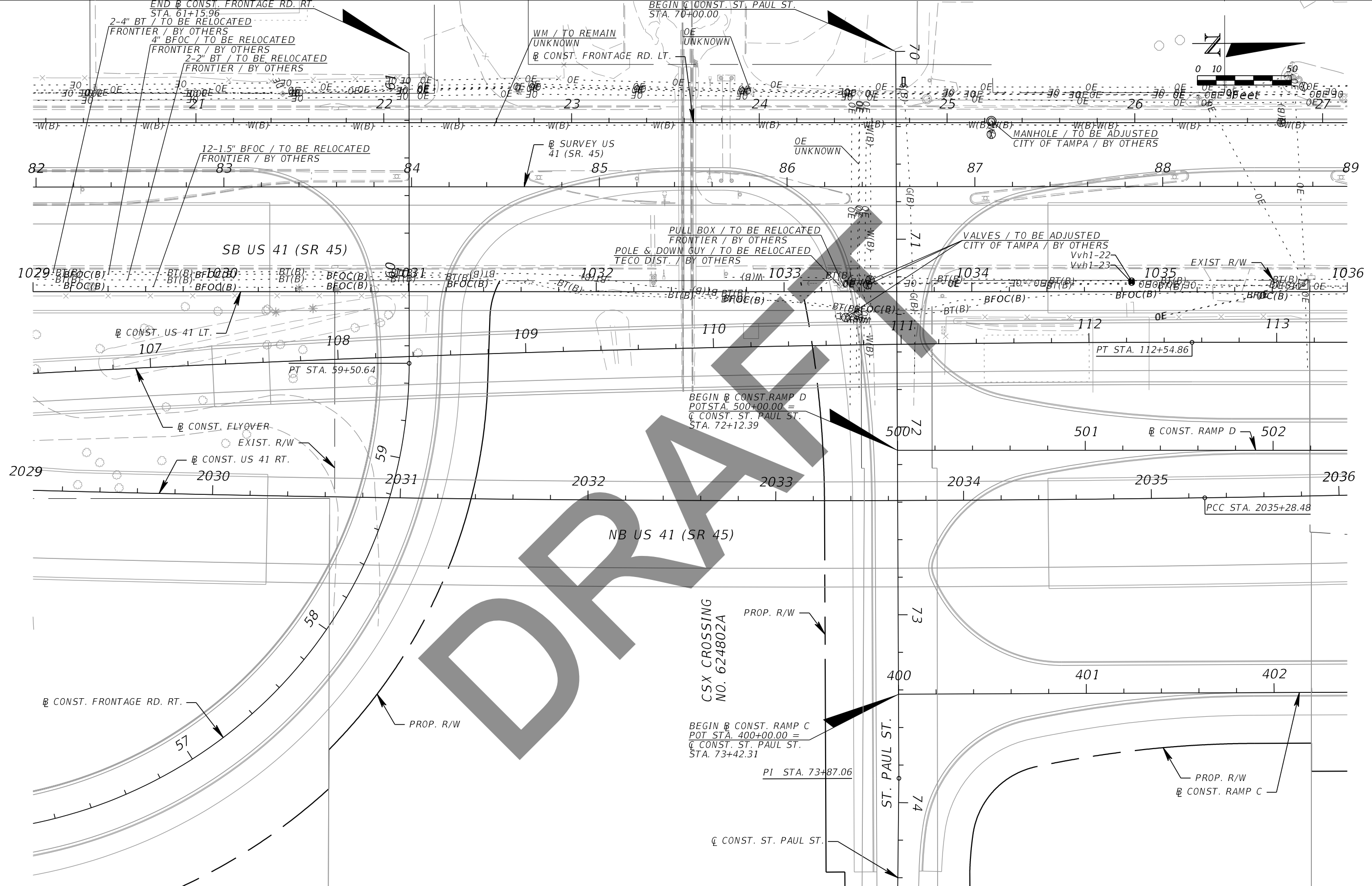
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
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 Engineer of Record: Branan R. Anderson, PE
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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (4)

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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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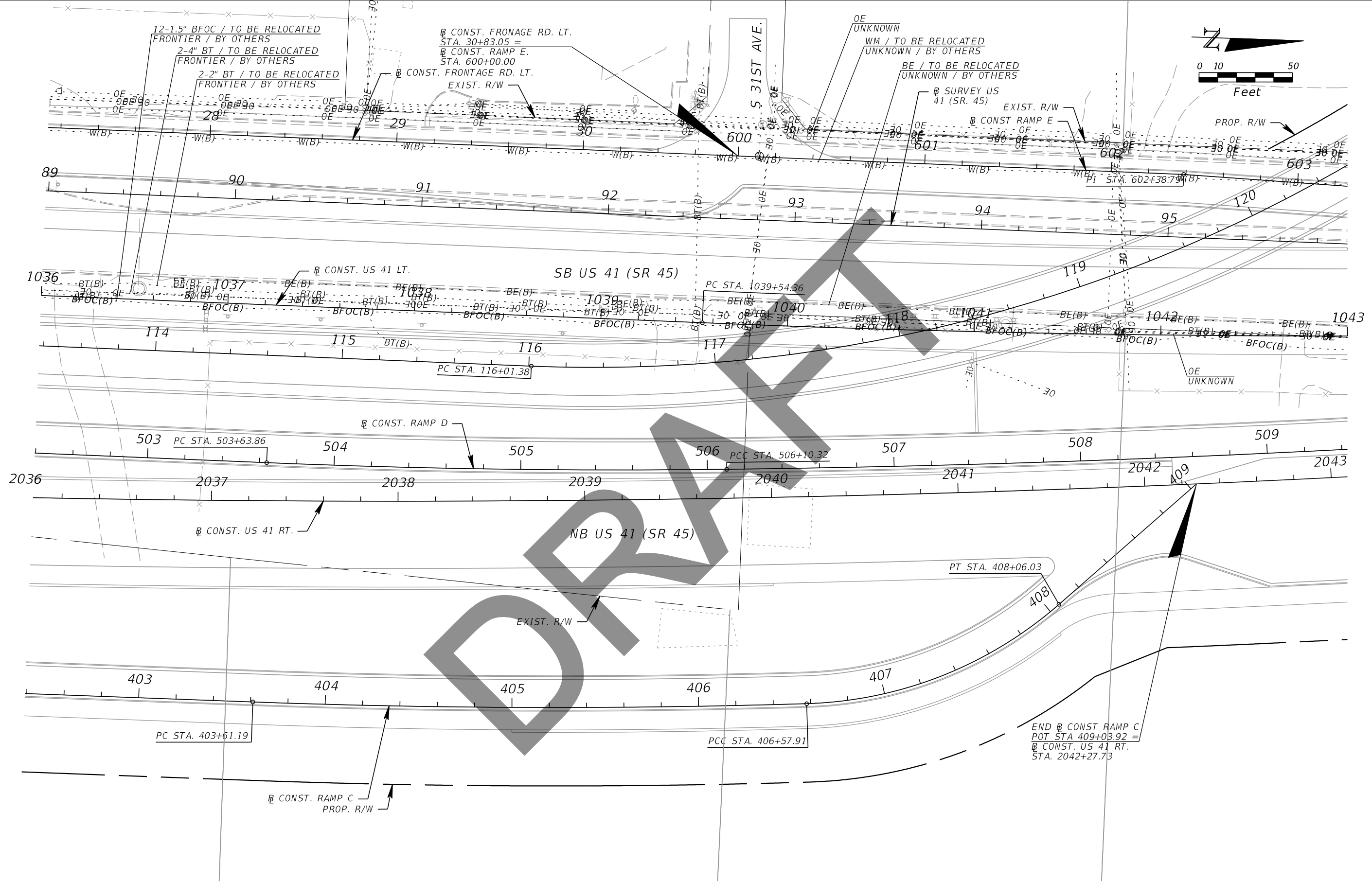
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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UTILITY ADJUSTMENTS (5)

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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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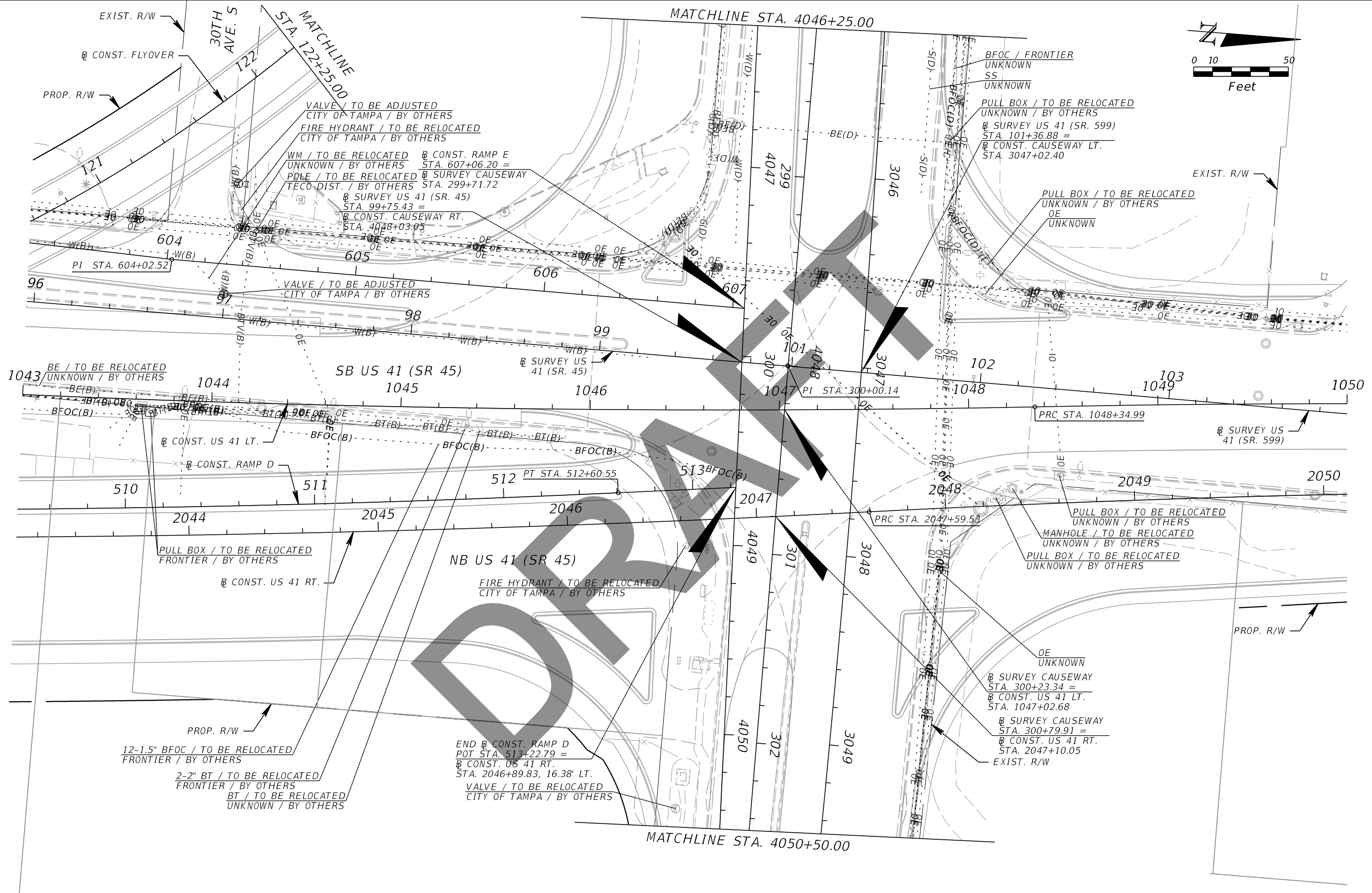
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

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|--|--------------|----------------------|
| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (6)

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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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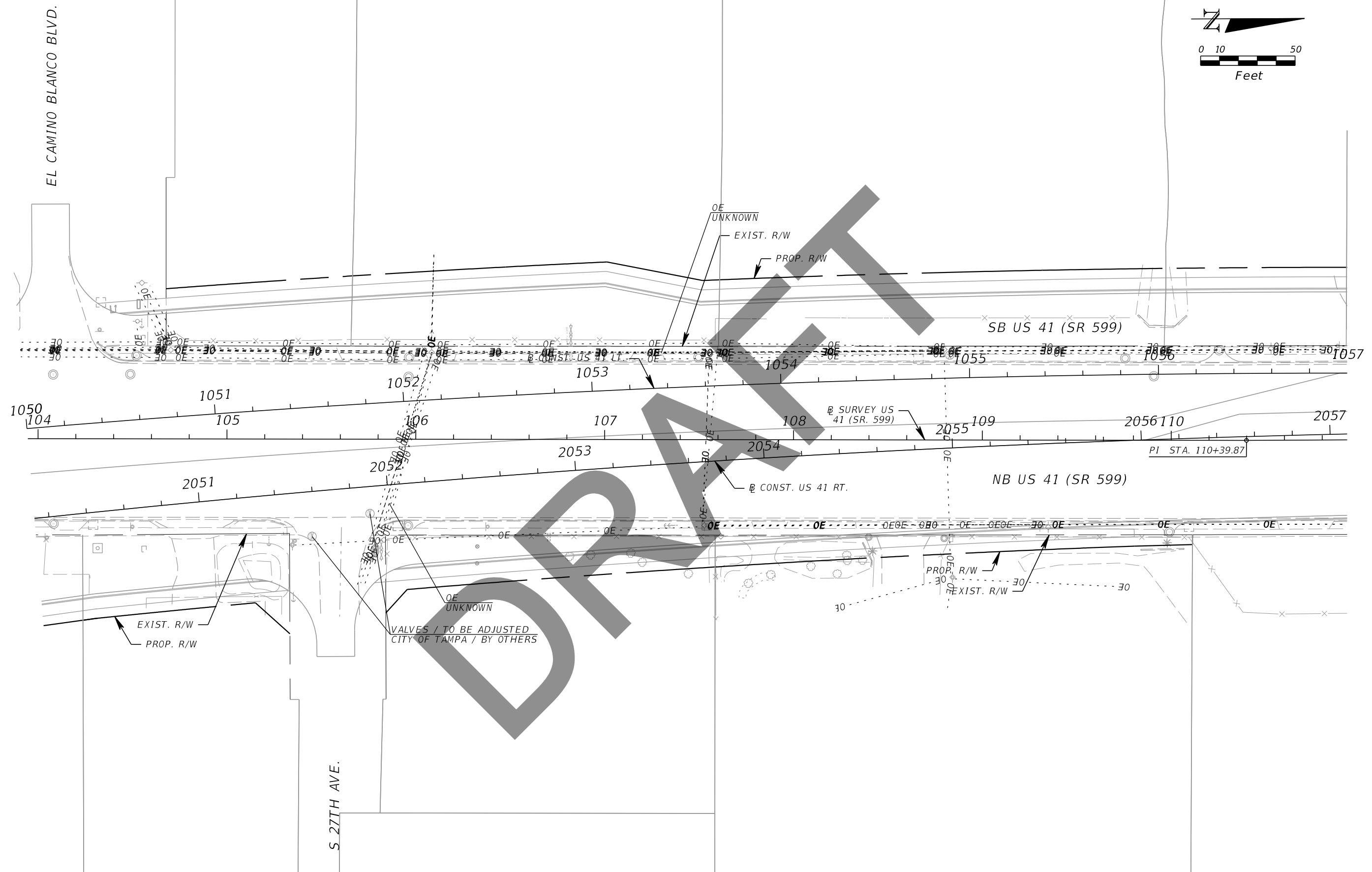
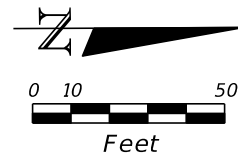
Kisinger Campo & Associates Corp.
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 Tampa, Florida 33602
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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (7)

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|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

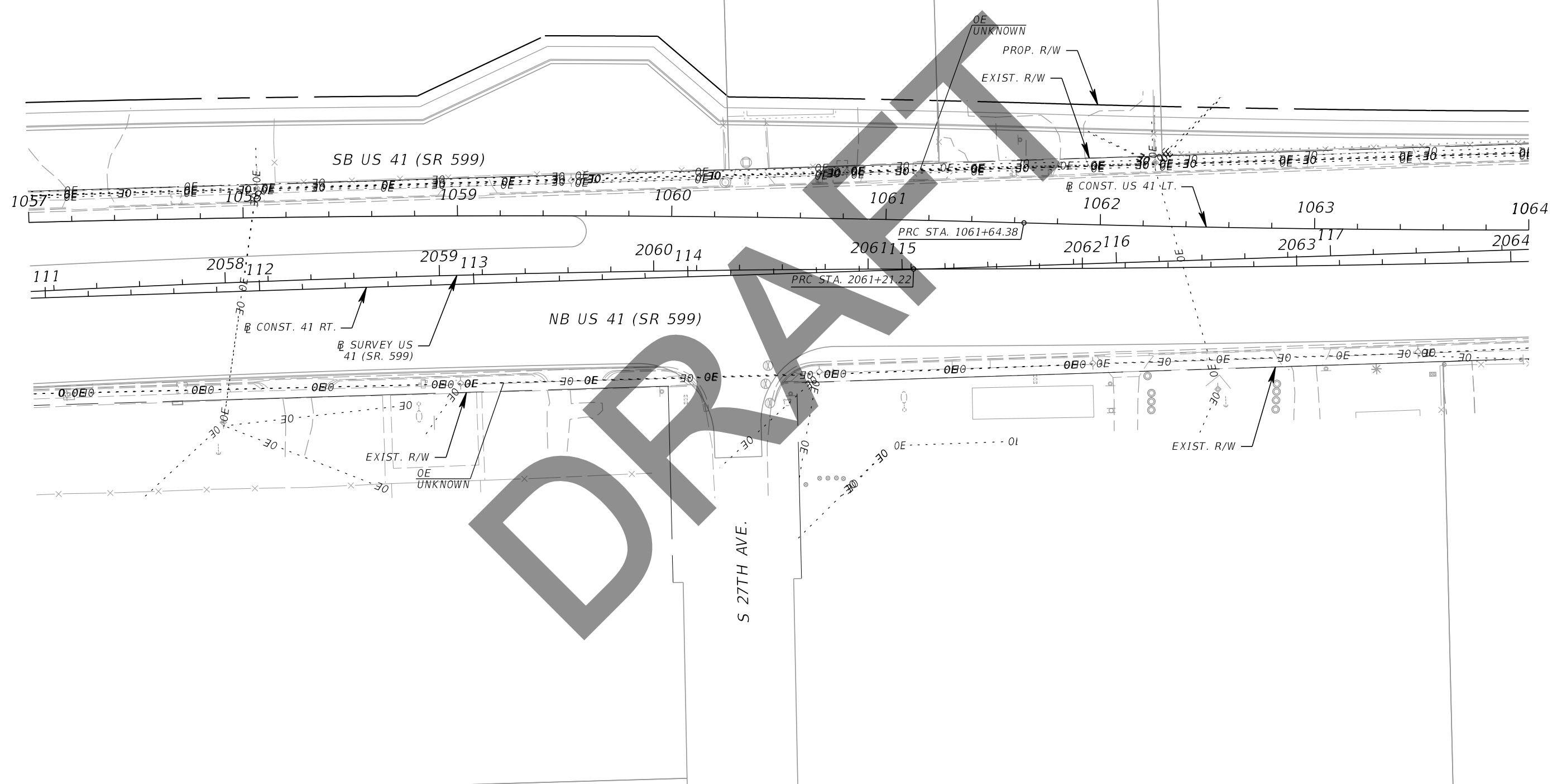
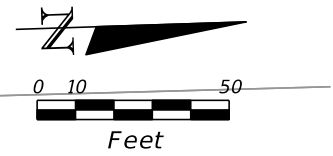
Kisinger Campo & Associates Corp.
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 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (8)

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| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
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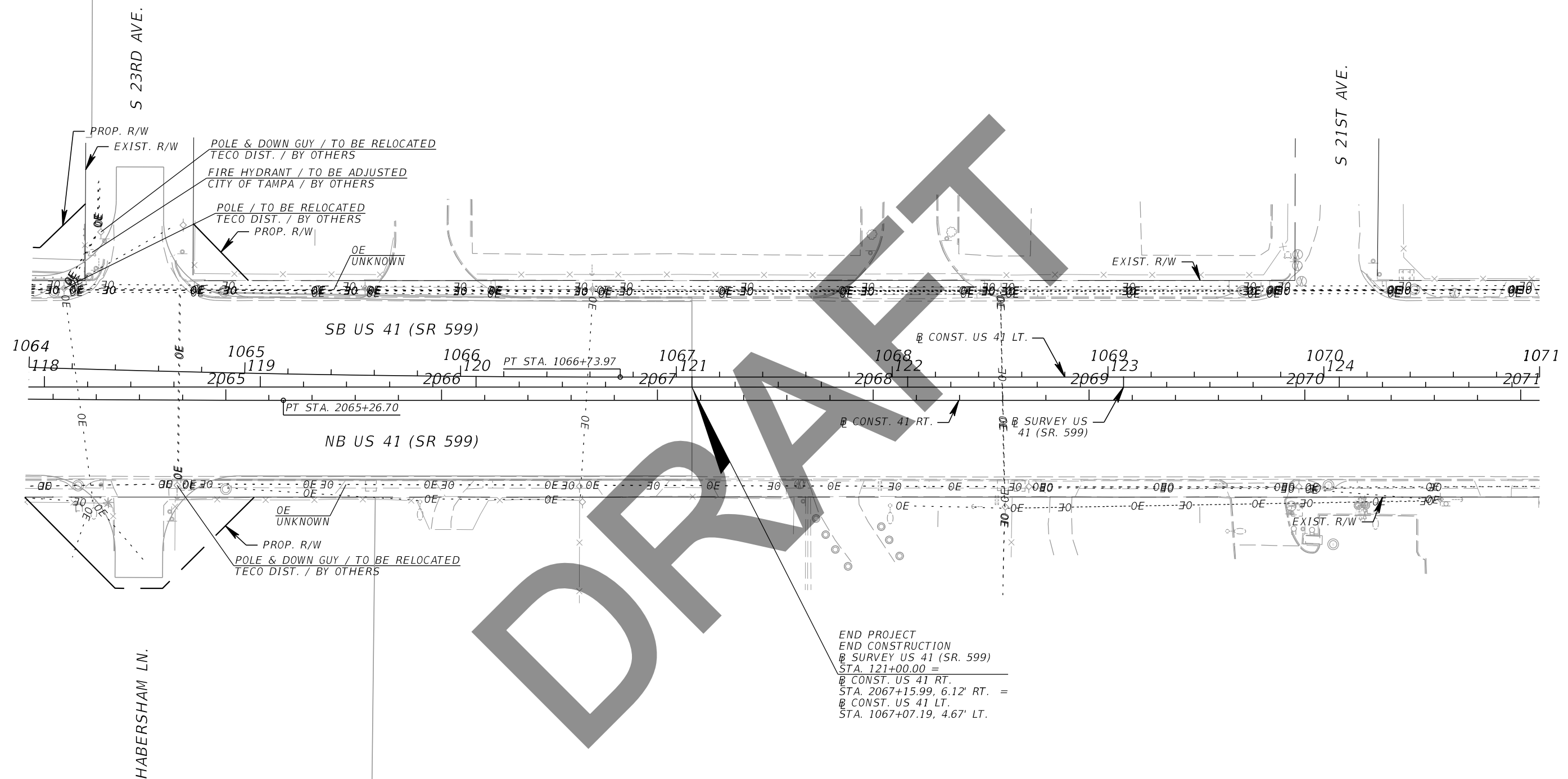
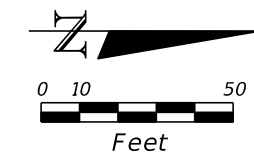
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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
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UTILITY ADJUSTMENTS (9)

SHEET NO.

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END PROJECT
 END CONSTRUCTION
 @ SURVEY US 41 (SR. 599)
 STA. 121+00.00 =
 @ CONST. US 41 RT.
 STA. 2067+15.99, 6.12' RT. =
 @ CONST. US 41 LT.
 STA. 1067+07.19, 4.67' LT.

| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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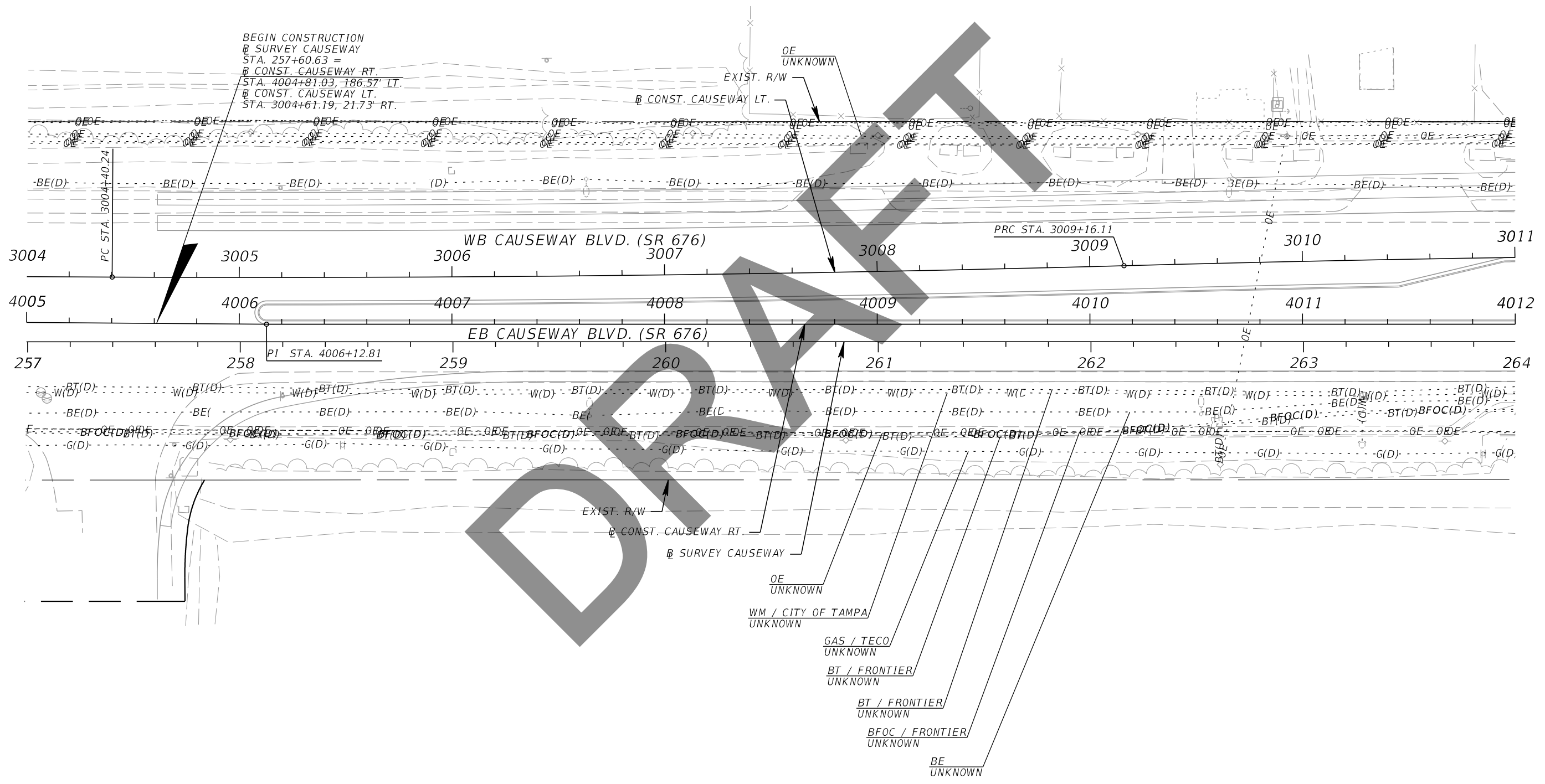
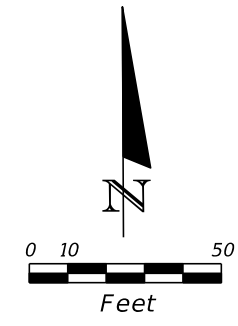
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (10)

SHEET NO.

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BEGIN CONSTRUCTION
 @ SURVEY CAUSEWAY
 STA. 257+60.63 =
 @ CONST. CAUSEWAY RT.
 STA. 4004+81.03, 186.57' LT.
 @ CONST. CAUSEWAY LT.
 STA. 3004+61.19, 21.73' RT.

OE
UNKNOWN

EXIST. R/W

@ CONST. CAUSEWAY LT.

PRC STA. 3009+16.11

PI STA. 4006+12.81

OE
UNKNOWN

WM / CITY OF TAMPA
UNKNOWN

GAS / TECO
UNKNOWN

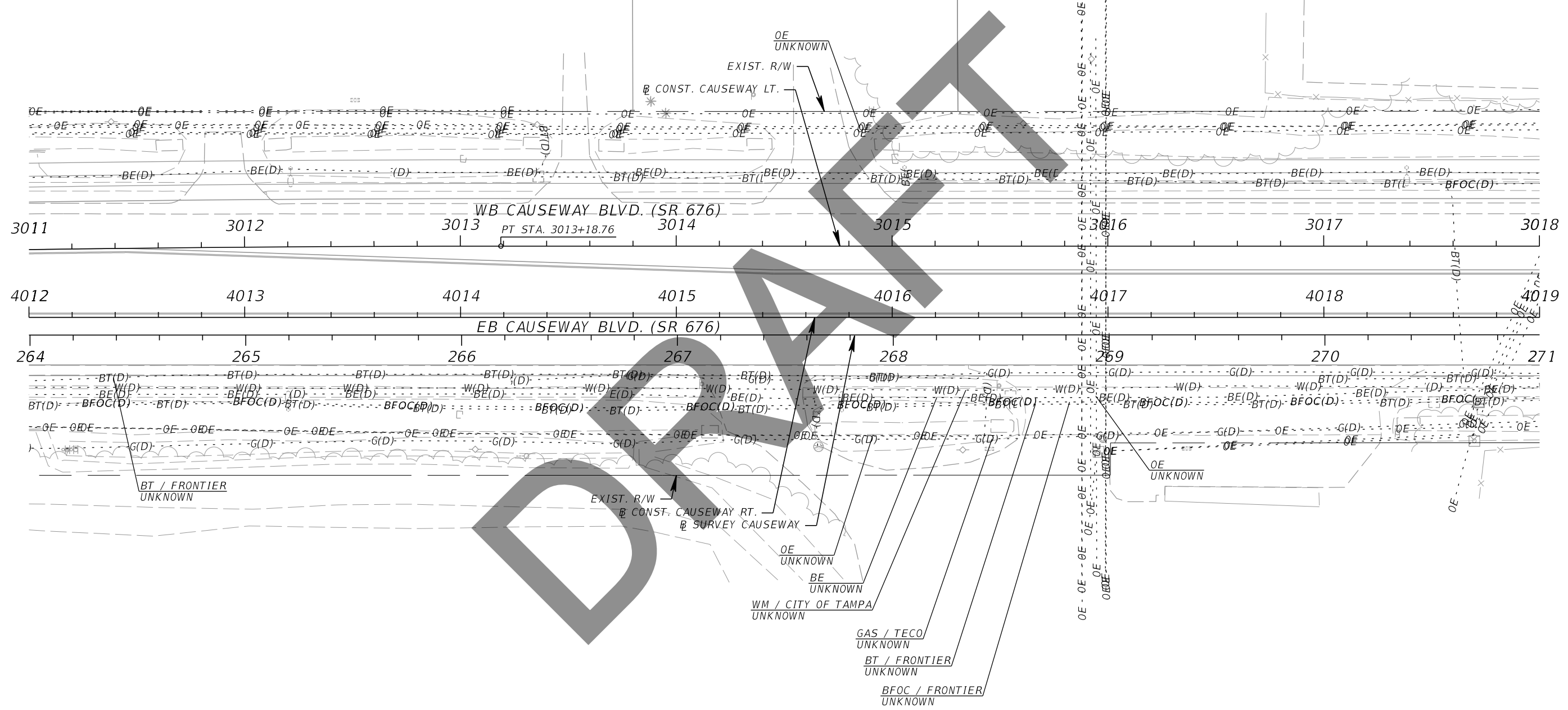
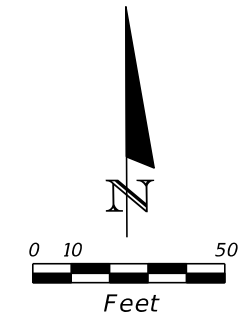
BT / FRONTIER
UNKNOWN

BT / FRONTIER
UNKNOWN

BFOC / FRONTIER
UNKNOWN

BE
UNKNOWN

| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (11) | SHEET NO. |
|-----------|-------------|------|-------------|---|--|--------------|----------------------|--------------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |



| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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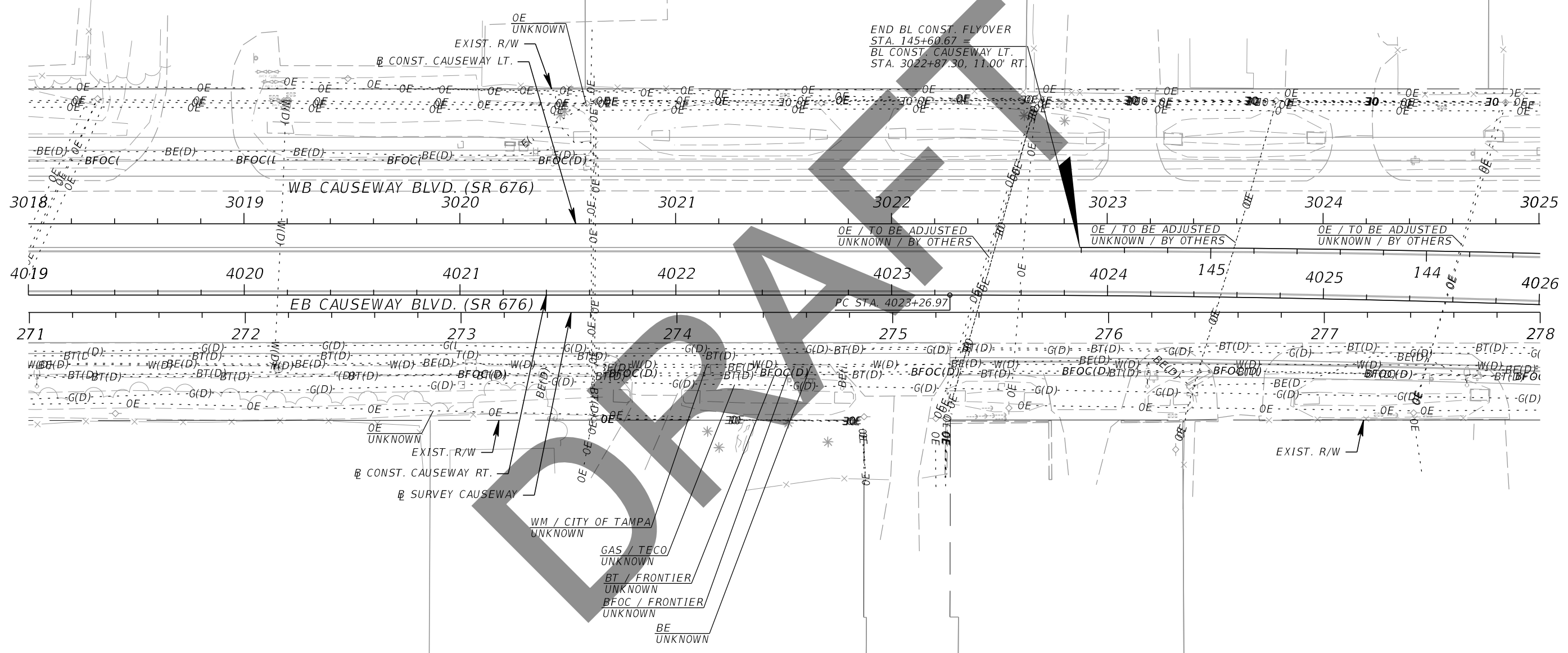
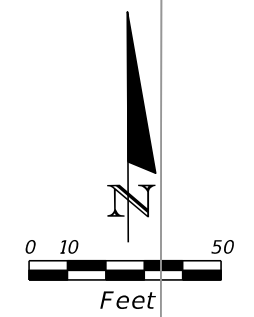
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (12)

SHEET NO.

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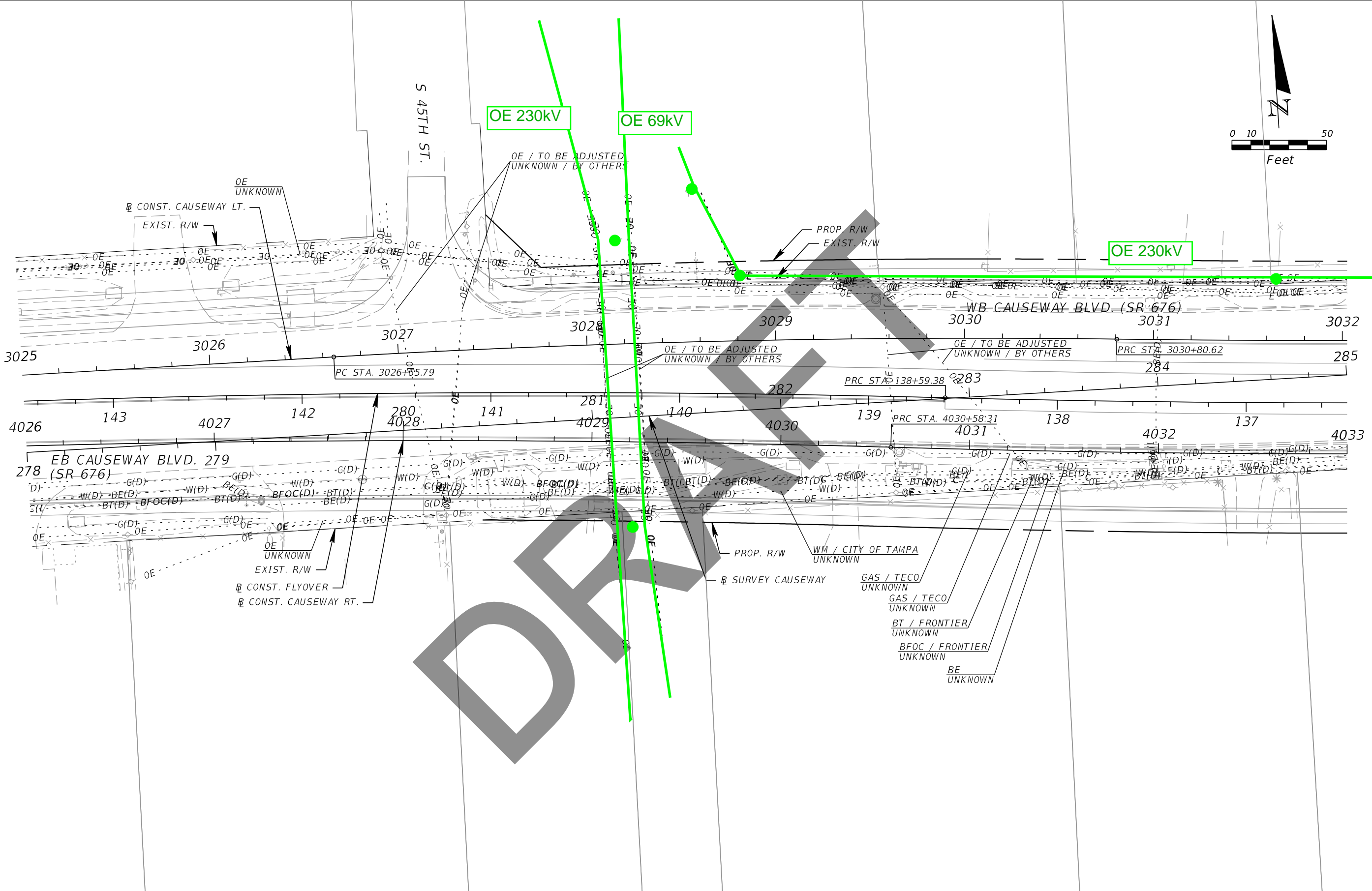
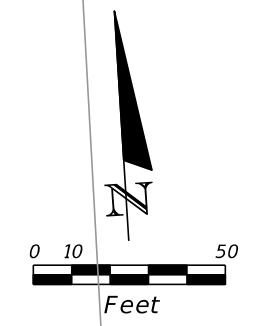
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (13)

SHEET NO.

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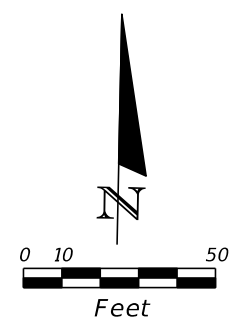
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

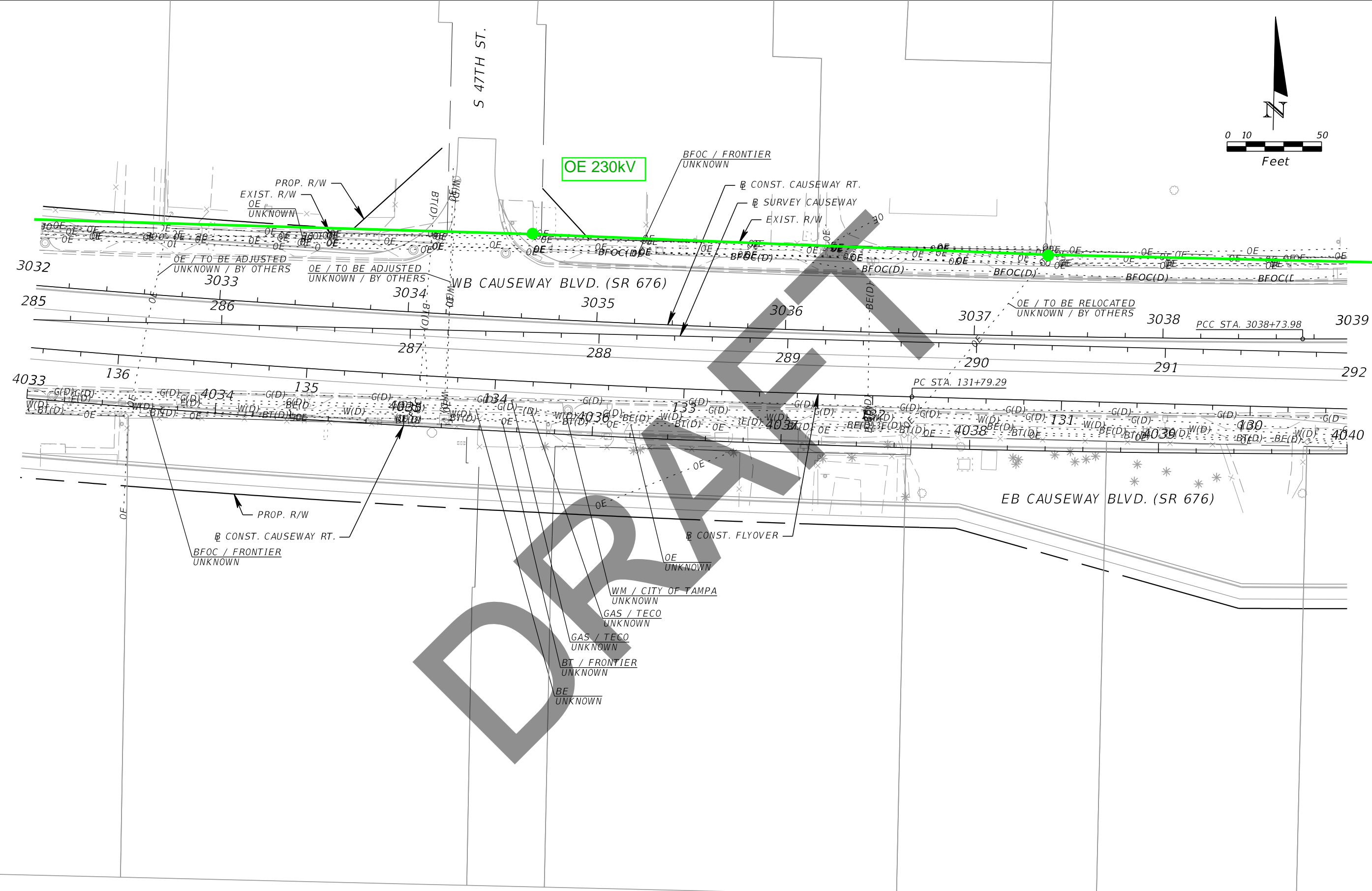
UTILITY ADJUSTMENTS (14)

SHEET NO.

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OE 230kV



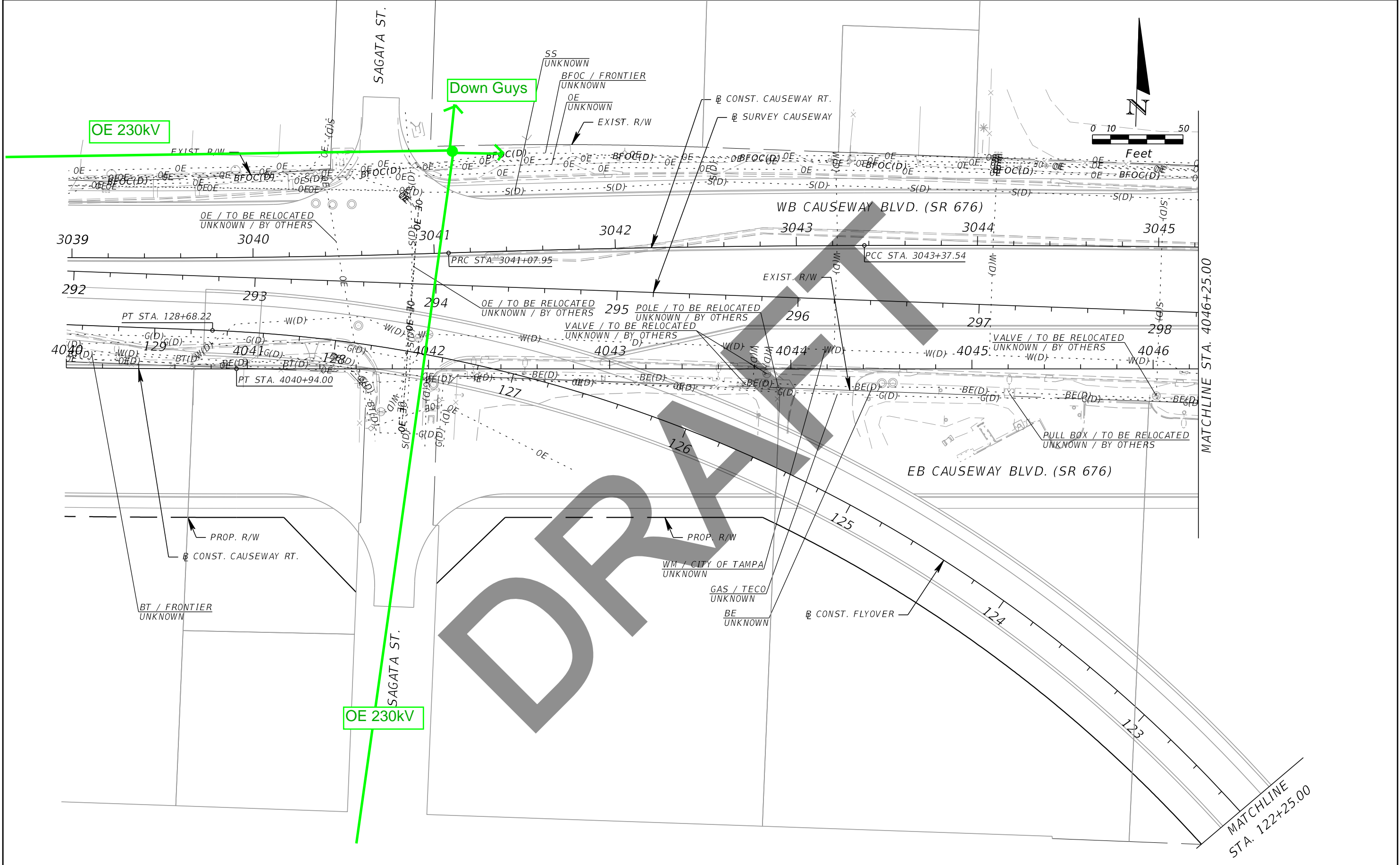
| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

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 P.E. No.: 78438

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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (15)

SHEET NO.



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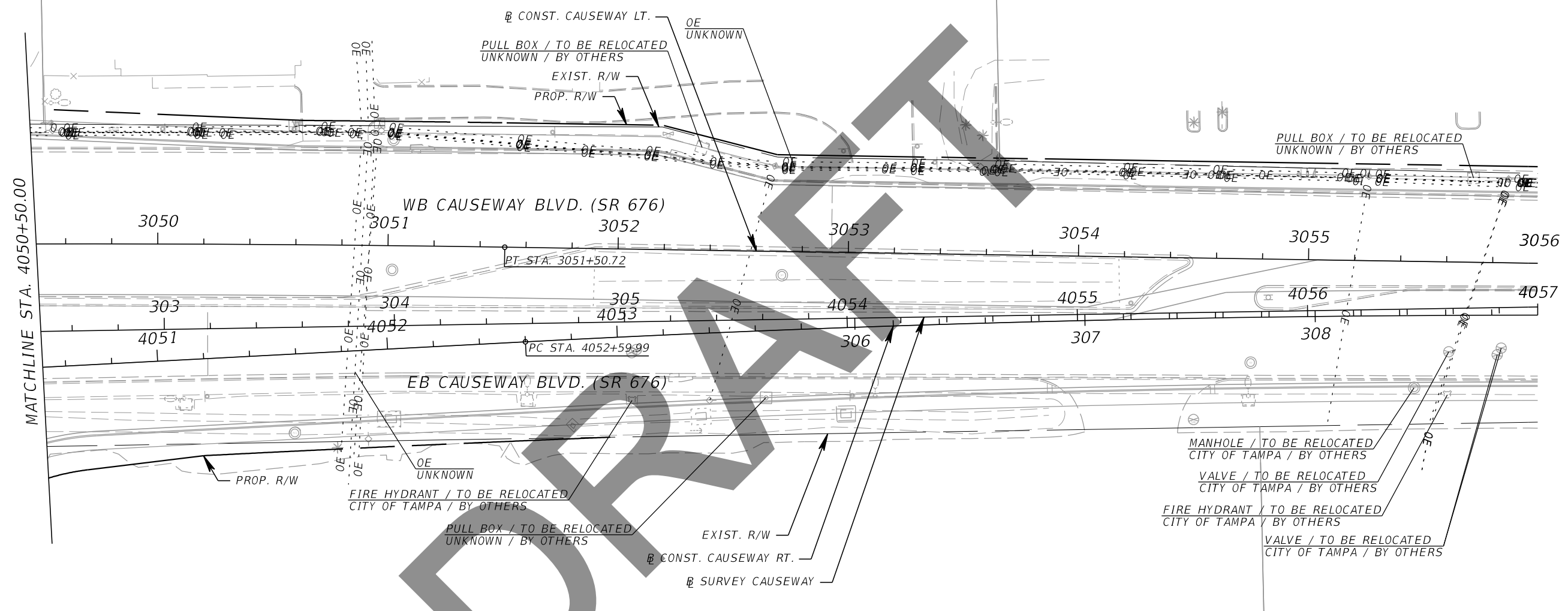
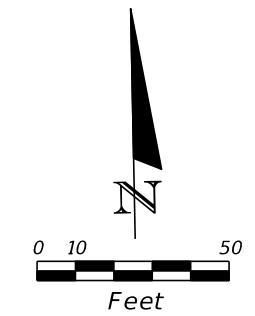
| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
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| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (16)

SHEET NO.



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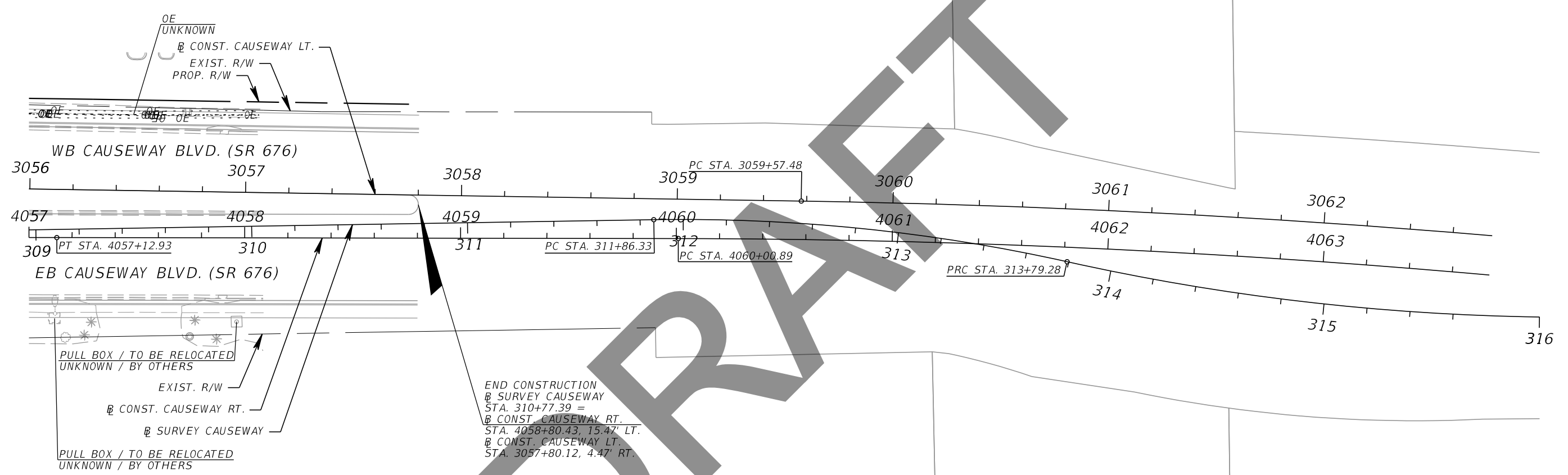
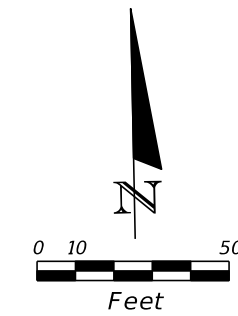
Kisinger Campo & Associates Corp.
 201 N. Franklin Street, Suite 400
 Tampa, Florida 33602
 Engineer of Record: Branan R. Anderson, PE
 P.E. No.: 78438

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| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 |

UTILITY ADJUSTMENTS (17)

SHEET NO.

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



DRAFT

END CONSTRUCTION
 @ SURVEY CAUSEWAY
 STA. 310+77.39 =
 @ CONST. CAUSEWAY RT.
 STA. 4058+80.43, 15.47' LT.
 @ CONST. CAUSEWAY LT.
 STA. 3057+80.12, 4.47' RT.

| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (18) | SHEET NO. |
|-----------|-------------|------|-------------|---|--|----------------|----------------------|---------------------------------|--------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | | |

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

| Date: | 12/04/2018 | Test Hole Data Report | | | | | | | | Crew Members: DW, TG | | | | |
|--|------------------------------|--|---|---------------------------------------|--------------------------------------|----------------------------|---------------|--------------|--------------------------|---|----------------------------------|-----------------------|------------------|-------------------|
| ECHO Project #: | 18-252 | 16514 N. Dale Mabry Hwy. Tampa, Florida 33618 | | | | | | | | ECHO UES, Inc. www.echoues.com 888.778.ECHO | | | | |
| Financial Project #: | N/A | 1511 E. SR434, Ste. 2001, #252 Winter Springs, Florida 32708 | | | | | | | | City, State: Tampa, Florida | | | | |
| Truck No.: | D-3/T-2 | UTILITY ENGINEERING & SURVEY - GROW, INSPIRE, MAKE A DIFFERENCE - | | | | | | | | General Location: US 41 | | | | |
| Utility Type | | Utility Material | | | | Identified By: | | | | Abbreviations | | Offset Measured From: | | |
| BE = Buried Electrical | RW = Reclaimed Water | AC = Transite | FIBG = Fiberglass | HUB = Survey Hub | N/A = Not Applicable | EP = Edge of Pavement | | | | | | | | |
| GM = Gas Main | SL = Street Light | CI = Cast Iron | HDPE = High Density Polyethylene Pipe | IRC = Iron Rod & Cap "ECHO TEST HOLE" | NAD = North American Datum | BC = Back of Curb | | | | | | | | |
| BT = Buried Telephone | TS = Traffic Signal | CP = Concrete Pipe | PE = Polyethylene Pipe | NL = Nail & Disk "ECHO TEST HOLE" | Datum | BL = Baseline of Survey | | | | | | | | |
| FOC = Fiber Optic Cable | FL = Fuel Line | DBC = Direct Buried Cable | PVC = Polyvinyl Chloride | SLEEVE = Sleeve | NAVD = North American Vertical Datum | COORD = Survey Coordinates | | | | | | | | |
| WM = Water Main | GS = Gas Service | CMP = Corrugated Metal Pipe | STL = Steel | X = "X" in Concrete | Vertical Datum | CL = Centerline | | | | | | | | |
| SAN = Sanitary Sewer | WS = Water Service | CONC = Concrete | VCP = Vitrified Clay Pipe | Surface Type | | HUB = Survey Hub | | | | | | | | |
| STM = Storm Sewer | UNK = Unknown Utility | CPP = Corrugated Plastic Pipe | PCCP = Prestressed Cylinder Concrete Pipe | ASPH = Asphalt | COT = City of Tampa | RW = Right of Way | | | | | | | | |
| CATV = Cable Television | BED = Buried Electrical Duct | DCT = Duct | Pipe | CONC = Concrete | | ST = Swing Ties | | | | | | | | |
| FM = Force Main | BTD = Buried Telephone Duct | DIP = Ductile Iron Pipe | RCP = Reinforced Concrete Pipe | NG = Natural Ground | | X = "X" in Concrete | | | | | | | | |
| Test Hole | Utility Type | Utility Material | Utility Size Outside Diameter inches | Utility Manual Depth feet | Cross Sectional View | Utility Direction | Identified By | Surface Type | Surface Thickness inches | Apparent Utility Owner | Datums: | | Ground Elevation | Utility Elevation |
| | | | | | | | | | | | Horizontal: NAD83/11 | Vertical: NAVD88 | | |
| 1-1 | BT | PVC | 2 - 4" | 3.26' | | ↕ | IRC | NG | N/A | FRONTIER | 1301204.90' | 526413.67' | 7.51' | 4.25' |
| 1-2 | WM | CI | 6" | 3.30' | | ↕ | IRC | NG | N/A | COT | 1301205.19' | 526416.74' | 7.48' | 4.18' |
| 1-3 | FOC/BT | PVC | 4" | 2.47' | | ↕ | IRC | NG | N/A | FRONTIER | 1301204.95' | 526415.25' | 7.48' | 5.01' |
| 1-4 | FOC | PE | 12 - 1.5" | 8.80' | | ↕ | IRC | NG | N/A | FRONTIER | 1301205.12' | 526418.96' | 7.36' | -1.44' |
| 1-5 | CATV | PVC | 2 - 2" | 5.54' | | ↕ | IRC | NG | N/A | SPECTRUM | 1301181.11' | 526321.06' | 6.85' | 1.31' |
| 1-6 | BT | PVC | 2 - 4" | 3.44' | | ↕ | IRC | NG | N/A | FRONTIER | 1301811.38' | 526417.02' | 6.84' | 3.40' |
| 1-7 | FOC/BT | PVC | 4" | 2.42' | | ↕ | IRC | NG | N/A | FRONTIER | 1301811.47' | 526418.97' | 6.84' | 4.42' |
| 1-8 | WM | UNK | UNK | 10.06' | | ↕ | IRC | NG | N/A | COT | 1301810.12' | 526422.34' | 6.83' | -3.23' |
| 1-9 | FOC/BT | PVC | 4" | 3.34' | | ↕ | IRC | NG | N/A | FRONTIER | 1301810.56' | 526424.00' | 6.49' | 3.15' |
| Notes: 1-8 - Unable to visually verify size and matterial due to depth and groundwater. Possible 6" cast iron. | | | | | | | | | | | | | | |
| | | | | | | | | | | | Prepared by: EE Date: 02/12/2019 | | | |
| | | | | | | | | | | | Checked by: AB Date: 02/12/2019 | | | |

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|---|--------------|----------------------|--|--|--|
| Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | | | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | | |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 | | | |

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| UTILITY ADJUSTMENTS (19) | | SHEET NO. |
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| | | | | | | | |
|-----------------------------|------------|---|--|--|---|------------------------------------|----------------|
| Date: | 12/05/2018 | Test Hole Data Report | | | Crew Members: | DW, TG | |
| ECHO Project #: | 18-252 | 16514 N. Dale Mabry Hwy. Tampa, Florida 33618 |  ECHO UTILITY ENGINEERING & SURVEY | | ECHO UES, Inc. www.echoues.com 888.778.ECHO | City, State: | Tampa, Florida |
| Financial Project #: | N/A | 1511 E. SR434, Ste. 2001, #252 Winter Springs, Florida 32708 | - GROW, INSPIRE, MAKE A DIFFERENCE - | | | General Location: | US 41 |
| Truck No.: | D-3/T-2 | | | | | Coordinate Unit of Measure: | US Survey Feet |

| Utility Type | | Utility Material | | Identified By: | | Abbreviations | | Offset Measured From: | | |
|-------------------------|------------------------------|-------------------------------|---|---------------------------------------|--------------------------------------|----------------------------|---------------------|-----------------------|--|--|
| BE = Buried Electrical | RW = Reclaimed Water | AC = Transite | FIBG = Fiberglass | HUB = Survey Hub | N/A = Not Applicable | EP= Edge of Pavement | | | | |
| GM = Gas Main | SL = Street Light | CI= Cast Iron | HDPE = High Density Polyethylene Pipe | IRC = Iron Rod & Cap "ECHO TEST HOLE" | NAD = North American Datum | BC = Back of Curb | | | | |
| BT = Buried Telephone | TS = Traffic Signal | CP = Concrete Pipe | PE = Polyethylene Pipe | NL = Nail & Disk "ECHO TEST HOLE" | NAV = North American Datum | BL = Baseline of Survey | | | | |
| FOC = Fiber Optic Cable | FL = Fuel Line | DBC = Direct Buried Cable | PVC = Polyvinyl Chloride | SLEEVE = Sleeve | NAVD = North American Vertical Datum | COORD = Survey Coordinates | | | | |
| WM = Water Main | GS = Gas Service | CMP = Corrugated Metal Pipe | STL = Steel | X = "X" in Concrete | UNK = Unknown | HUB = Survey Hub | | | | |
| SAN = Sanitary Sewer | WS = Water Service | CONC = Concrete | VCP = Vitrified Clay Pipe | Surface Type | | COT = City of Tampa | | RW = Right of Way | | |
| STM = Storm Sewer | UNK = Unknown Utility | CPP = Corrugated Plastic Pipe | PCCP = Prestressed Cylinder Concrete Pipe | ASPH = Asphalt | | | ST = Swing Ties | | | |
| CATV = Cable Television | BED = Buried Electrical Duct | DCT = Duct | Pipe | CONC = Concrete | | | X = "X" in Concrete | | | |
| FM = Force Main | BTD = Buried Telephone Duct | DIP = Ductile Iron Pipe | RCP = Reinforced Concrete Pipe | NG = Natural Ground | | | | | | |

| Test Hole | Utility Type | Utility Material | Utility Size Outside Diameter inches | Utility Manual Depth feet | Cross Sectional View | Utility Direction | Identified By | Surface Type | Surface Thickness inches | Apparent Utility Owner | Datums: | | Ground Elevation | Utility Elevation | |
|-----------|--------------|------------------|--------------------------------------|---------------------------|----------------------|-------------------|---------------|--------------|--------------------------|------------------------|----------------------|------------------|------------------|-------------------|--|
| | | | | | | | | | | | Horizontal: NAD83/11 | Vertical: NAVD88 | | | |
| | | | | | | | | | | | | Northing | Easting | | |
| 1-10 | FOC | PE | 12 - 1.5" | 3.96' | | ↑ | IRC | NG | N/A | FRONTIER | 1302430.03' | 526421.52' | 6.62' | 2.66' | |
| 1-11 | BT | PVC | 2 - 4" | 2.50' | | ↑ | IRC | NG | N/A | FRONTIER | 1302430.50' | 526424.77' | 6.68' | 4.18' | |
| 1-12 | FOC/BT | PVC | 4" | 1.90' | | ↑ | IRC | NG | N/A | FRONTIER | 1302430.47' | 526425.15' | 6.69' | 4.79' | |
| 1-13 | BT | DBC | 2" | 1.56' | | ↑ | IRC | NG | N/A | FRONTIER | 1302430.15' | 526428.11' | 6.81' | 5.25' | |
| 1-14 | WM | DIP | 6" | 3.40' | | ↑ | IRC | NG | N/A | COT | 1302428.62' | 526446.38' | 8.20' | 4.80' | |
| 1-15 | GM | STL | 4" | 3.00' | | ↑ | IRC | NG | N/A | COT | 1302488.18' | 526318.06' | 6.08' | 3.08' | |
| 1-16 | BT | PVC | 4" | 3.50' | | ↑ | IRC | NG | N/A | FRONTIER | 1301205.22' | 526417.96' | 7.50' | 4.00' | |
| 1-17 | BT | DBC | 2" | 3.00' | | ↑ | IRC | NG | N/A | FRONTIER | 1301810.09' | 526422.72' | 6.80' | 3.80' | |

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| Notes: | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | Prepared by: EE | | Date: 02/12/2019 | |
| | | | | | | | | | | | | Checked by: AB | | Date: 02/12/2019 | |

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| REVISIONS | | | | Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | UTILITY ADJUSTMENTS (20) | SHEET NO. |
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | SR 45 | HILLSBOROUGH | 440749-1-52-01 | | |

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|--|------------------------------|---|---|---------------------------------------|--------------------------------------|----------------------------|---------------|--------------|--|------------------------|-----------------------|-----------------------------|------------------|------------------|-------------------|--------|
| Date: | 12/06/2018 | Test Hole Data Report | | | | | | | Crew Members: | | | DW, TG, MAJ | | | | |
| ECHO Project #: | 18-252 | 16514 N. Dale Mabry Hwy. Tampa, Florida 33618 | | | | | | | ECHO UES, Inc. www.echoues.com 888.778.ECHO | | | City, State: | | Tampa, Florida | | |
| Financial Project #: | N/A | 1511 E. SR434, Ste. 2001, #252 Winter Springs, Florida 32708 | | | | | | | ECHO UTILITY ENGINEERING & SURVEY - GROW, INSPIRE, MAKE A DIFFERENCE - | | | General Location: | | US 41 | | |
| Truck No.: | D-3/T-2 | | | | | | | | | | | Coordinate Unit of Measure: | | US Survey Feet | | |
| Utility Type | | Utility Material | | | | Identified By: | | | Abbreviations | | Offset Measured From: | | | | | |
| BE = Buried Electrical | RW = Reclaimed Water | AC = Transite | FIBG = Fiberglass | HUB = Survey Hub | N/A = Not Applicable | EP = Edge of Pavement | | | | | | | | | | |
| GM = Gas Main | SL = Street Light | CI = Cast Iron | HDPE = High Density Polyethylene Pipe | IRC = Iron Rod & Cap "ECHO TEST HOLE" | NAD = North American Datum | BC = Back of Curb | | | | | | | | | | |
| BT = Buried Telephone | TS = Traffic Signal | CP = Concrete Pipe | PE = Polyethylene Pipe | NL = Nail & Disk "ECHO TEST HOLE" | Datum | BL = Baseline of Survey | | | | | | | | | | |
| FOC = Fiber Optic Cable | FL = Fuel Line | DBC = Direct Buried Cable | PVC = Polyvinyl Chloride | SLEEVE = Sleeve | NAVD = North American Vertical Datum | COORD = Survey Coordinates | | | | | | | | | | |
| WM = Water Main | GS = Gas Service | CMP = Corrugated Metal Pipe | STL = Steel | X = "X" in Concrete | Vertical Datum | CL = Centerline | | | | | | | | | | |
| SAN = Sanitary Sewer | WS = Water Service | CONC = Concrete | VCP = Vitrified Clay Pipe | Surface Type | | HUB = Survey Hub | | | | | | | | | | |
| STM = Storm Sewer | UNK = Unknown Utility | CPP = Corrugated Plastic Pipe | PCCP = Prestressed Cylinder Concrete Pipe | ASPH = Asphalt | COT = City of Tampa | RW = Right of Way | | | | | | | | | | |
| CATV = Cable Television | BED = Buried Electrical Duct | DCT = Duct | Pipe | CONC = Concrete | | ST = Swing Ties | | | | | | | | | | |
| FM = Force Main | BTD = Buried Telephone Duct | DIP = Ductile Iron Pipe | RCP = Reinforced Concrete Pipe | NG = Natural Ground | | X = "X" in Concrete | | | | | | | | | | |
| Test Hole | Utility Type | Utility Material | Utility Size Outside Diameter inches | Utility Manual Depth feet | Cross Sectional View | Utility Direction | Identified By | Surface Type | Surface Thickness inches | Apparent Utility Owner | Datums: | Horizontal: NAD83/11 | Vertical: NAVD88 | Ground Elevation | Utility Elevation | |
| 1-18 | BT | PVC | 2 - 4" | 3.82' | | ↑ | IRC | NG | N/A | FRONTIER | Northing | 1303091.15' | Easting | 526425.13' | 7.04' | 3.22' |
| 1-19 | FOC/BT | PVC | 4" | 2.54' | | ↑ | IRC | NG | N/A | FRONTIER | Northing | 1303091.17' | Easting | 526425.73' | 6.99' | 4.45' |
| 1-20 | BT | LEAD | 2 - 2" | 3.00' | | ↑ | IRC | NG | N/A | FRONTIER | Northing | 1303091.09' | Easting | 526427.92' | 6.86' | 3.86' |
| 1-21 | FOC | UNK | 12 - 1.5" | 9.22' | | ↑ | IRC | NG | N/A | FRONTIER | Northing | 1303091.01' | Easting | 526430.76' | 6.58' | -2.64' |
| 1-22 | BT | LEAD | 2 - 2" | 2.00' | | ↑ | IRC | NG | N/A | FRONTIER | Northing | 1303695.15' | Easting | 526432.46' | 6.77' | 4.77' |
| 1-23 | BT | PVC | 2 - 4" | 2.76' | | ↑ | IRC | NG | N/A | FRONTIER | Northing | 1303695.20' | Easting | 526433.46' | 6.70' | 3.94' |
| 1-24 | BT | LEAD | 2 - 2" | 2.74' | | ↑ | IRC | NG | N/A | FRONTIER | Northing | 1304500.45' | Easting | 526435.53' | 7.28' | 4.54' |
| Notes: 1-21 - Unable to visually verify size and material due to depth and groundwater. Possibly 12 - 1.5" polyethylene pipes. | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | Prepared by: EE | | Date: 02/12/2019 | | | |
| | | | | | | | | | | | Checked by: AB | | Date: 02/12/2019 | | | |

| REVISIONS | | | |
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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| Kisinger Campo & Associates Corp. 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: Branan R. Anderson, PE P.E. No.: 78438 | | | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | | |
| SR 45 | HILLSBOROUGH | 440749-1-52-01 | | | |

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| UTILITY ADJUSTMENTS (21) | | SHEET NO. |
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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APPENDIX C
Utility Impact Table

| Utility Name | Utility Description | Proposed Work in Utility Location | Conflict Location |
|--------------|--------------------------|-----------------------------------|---|
| Century Link | 12-1/5" HDPE | Sidwalk installation | Eastern us 41 ROW throughout project extent |
| Century Link | 12-1/5" HDPE | Bridge construction | Eastern us 41 ROW throughout project extent |
| Century Link | 12-1/5" HDPE | Roadway change to at-grade | Eastern us 41 ROW throughout project extent |
| Century Link | 12-1/5" HDPE | Roadway change to on MSE | Eastern us 41 ROW throughout project extent |
| Century Link | 12-1/5" HDPE | Roadway milling and resurfacing | Eastern us 41 ROW throughout project extent |
| Century Link | 12-1/5" HDPE | ROW change | Eastern us 41 ROW throughout project extent |
| COT Water | B1-2-07: 24" EMJ and ECJ | Roadway change to at-grade | South-bound lane of US 41 from southern project terminus to Delaney Creek |
| COT Water | B1-2-07: 24" EMJ and ECJ | Bridge construction | South-bound lane of US 41 at Delaney Creek Intersection |
| COT Water | B1-2-07: 24" EMJ and ECJ | Roadway change to on MSE | South-bound lane of US 41 from Delaney Creek to S 36th Ave |
| COT Water | B1-2-07: 24" EMJ and ECJ | Bridge construction | South-bound lane of US 41 at the S 36th Ave. intersection |
| COT Water | B1-2-07: 24" EMJ and ECJ | Roadway change to at-grade | South-bound lane of US 41 and S 36th Ave. intersection |
| COT Water | B1-2-07: 24" EMJ and ECJ | Roadway change to on MSE | South-bound lane of US 41 from S 36th Ave. to sta. 2032 |
| COT Water | B1-2-07: 24" EMJ and ECJ | Bridge construction | South-bound lane of US 41 at the St. Paul St. intersection |
| COT Water | B1-2-07: 24" EMJ and ECJ | Roadway change to at-grade | South-bound lane of US 41 at the St. Paul St. intersection |
| COT Water | B1-2-07: 24" EMJ and ECJ | Roadway change to on MSE | South-bound lane of US 41 from St. Paul St. to S 30th Ave. |
| COT Water | B1-2-07: 24" EMJ and ECJ | Roadway change to at-grade | Approx. US 41 centerline from S 30th Ave to S 25th Ave.; east side of US 41 |
| COT Water | B1-2-07: 24" EMJ and ECJ | Roadway milling and resurfacing | Approx. US 41 centerline from S 25th Ave. to northern project terminus |
| COT Water | B1-2-07: 24" EMJ and ECJ | Bridge construction | US 41 and Delaney Creek intersection; west side of road |
| COT Water | C76-20-1: 2" EMJ | Roadway change to at-grade | US 41 western ROW from sta. 1005+60 to 1006+40 (Hartford St.) |
| COT Water | C76-20-1: 2" EMJ | Sidwalk installation | US 41 western ROW from sta. 1005+60 to 1006+40 (Hartford St.) |
| COT Water | C76-20-1: 2" EMJ | ROW change | US 41 western ROW from sta. 1005+60 to 1006+40 (Hartford St.) |
| COT Water | C76-20-1: 6" DIP | Roadway change to at-grade | Extension west from US 41 south-bound lane at sta. 1006+45 (Hartford St.) |
| COT Water | C76-20-1: 6" DIP | Sidwalk installation | Extension west from US 41 south-bound lane at sta. 1006+45 (Hartford St.) |
| COT Water | C76-20-1: 6" DIP | ROW change | Extension west from US 41 south-bound lane at sta. 1006+45 (Hartford St.) |
| COT Water | FC22-70: 8" ECJ | Roadway change to at-grade | US 41 and Austin St. intersection |
| COT Water | FC22-70: 8" ECJ | Sidwalk installation | US 41 and Austin St. intersection |
| COT Water | FC22-70: 8" ECJ | ROW change | US 41 and Austin St. intersection |
| COT Water | FC33-29: 12" ECJ | Roadway change to at-grade | US 41 and Austin St. intersection |
| COT Water | FC33-29: 12" ECJ | Sidwalk installation | US 41 and Austin St. intersection |
| COT Water | FC33-29: 12" ECJ | ROW change | US 41 and Austin St. intersection |
| COT Water | FC22-70: 8" ECJ | Roadway change to at-grade | US 41 and Austin St. intersection |
| COT Water | FC22-70: 8" ECJ | Sidwalk installation | US 41 and Austin St. intersection |
| COT Water | FC22-70: 8" ECJ | ROW change | US 41 and Austin St. intersection |
| COT Water | FC22-70: 6" ECJ | Roadway change to at-grade | Eastern ROW and north-bound lane of US 41 from sta. 1007 to 1017+40 |

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| COT Water | FC22-70: 6" ECJ | Sidwalk installation | Eastern ROW and north-bound lane of US 41 from sta. 1007 to 1017+40 |
| COT Water | FC22-70: 6" ECJ | ROW change | Eastern ROW and north-bound lane of US 41 from sta. 1007 to 1017+40 |
| COT Water | FC39-100: 8" ECJ | Roadway change to at-grade | US 41 and Raleigh St. intersection; west side of US 41 |
| COT Water | FC39-100: 8" ECJ | Roadway change to on MSE | US 41 and Raleigh St. intersection; west side of US 41 |
| COT Water | FC39-100: 8" ECJ | Sidwalk installation | US 41 and Raleigh St. intersection; west side of US 41 |
| COT Water | FC39-100: 8" ECJ | ROW change | US 41 and Raleigh St. intersection; west side of US 41 |
| COT Water | FC39-100: 8" ECJ | Curb returns increased for WB-62FL | US 41 and Raleigh St. intersection; west side of US 41 |
| COT Water | C5-1-29: 14-16" steel casing | Roadway change to at-grade | US 41 crossing at sta. 1020+80 |
| COT Water | C5-1-29: 14-16" steel casing | Roadway change to on MSE | US 41 crossing at sta. 1020+80 |
| COT Water | C5-1-29: 14-16" steel casing | Sidwalk installation | US 41 crossing at sta. 1020+80 |
| COT Water | C5-1-29: 14-16" steel casing | ROW change | US 41 crossing at sta. 1020+80 |
| COT Water | C5-1-29: 14-16" steel casing | Curb returns increased for WB-62FL | US 41 crossing at sta. 1020+80 |
| COT Water | F13-4-72: 4" DIP | Sidwalk installation | US 41 eastern ROW from sta. 1019+60 to 1022 |
| COT Water | F13-4-72: 4" DIP | Roadway change to on MSE | US 41 eastern ROW from sta. 1019+60 to 1022 |
| COT Water | A14-4-69: 6" DIP | Sidwalk installation | US 41 and Towaway Ave. in the eastern US 41 ROW |
| COT Water | A14-4-69: 6" DIP | Roadway change to at-grade | US 41 and Towaway Ave. in the eastern US 41 ROW |
| COT Water | A14-4-69: 6" DIP | Bridge construction | US 41 and Towaway Ave. in the eastern US 41 ROW |
| COT Water | A15-1-04: 6" DIP | Sidwalk installation | US 41 western ROW at sta. 1014+80 |
| COT Water | A15-1-04: 6" DIP | Roadway change to at-grade | US 41 western ROW at sta. 1014+80 |
| COT Water | A15-1-04: 6" DIP | ROW change | US 41 western ROW at sta. 1014+80 |
| COT Water | A15-1-04: 6" DIP | Roadway milling and resurfacing | US 41 western ROW at sta. 1014+80 |
| COT Water | A14-3-52: 6" DIP/ FC22-70: 6" ECJ | Roadway change to at-grade | US 41 and Trenton St. intersection; east side of US 41 |
| COT Water | A14-3-52: 6" DIP/ FC22-70: 6" ECJ | Sidwalk installation | US 41 and Trenton St. intersection; east side of US 41 |
| COT Water | A14-3-52: 6" DIP/ FC22-70: 6" ECJ | ROW change | US 41 and Trenton St. intersection; east side of US 41 |
| COT Water | FC22-70: 6" ECJ | Sidwalk installation | US 41 crossing at sta. 1017+20 |
| COT Water | FC22-70: 6" ECJ | Roadway change to at-grade | US 41 crossing at sta. 1017+20 |
| COT Water | A15-1-04: 6" DIP | Bridge construction | US 41 crossing at sta. 1023+20 |
| COT Water | A15-1-04: 6" DIP | Roadway change to at-grade | US 41 crossing at sta. 1023+20 |
| COT Water | A15-1-04: 6" DIP | New roadway to properties | US 41 crossing at sta. 1023+20 |
| COT Water | FC36-54: 6" ECJ | New roadway to properties | US 41 eastern ROW from sta. 1023+20 to 1028 |
| COT Water | FC36-54: 6" ECJ | Sidwalk installation | US 41 eastern ROW from sta. 1023+20 to 1028 |
| COT Water | FC36-54: 6" ECJ | Roadway change to on MSE | US 41 eastern ROW from sta. 1023+20 to 1028 |

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| COT Water | FC24-61: 2" ECJ | Roadway change to at-grade | US 41 and S 34th Ave. intersection; west side of US 41 |
| COT Water | FC24-61: 2" ECJ | Roadway milling and resurfacing | US 41 and S 34th Ave. intersection; west side of US 41 |
| COT Water | FC22-70: 8" ECJ | ROW change | US 41 crossing at St. Paul St. |
| COT Water | FC22-70: 8" ECJ | Sidwalk installation | US 41 crossing at St. Paul St. |
| COT Water | FC22-70: 8" ECJ | Roadway change to at-grade | US 41 crossing at St. Paul St. |
| COT Water | FC22-70: 8" ECJ | Bridge construction | US 41 crossing at St. Paul St. |
| COT Water | FC22-70: 8" ECJ | Roadway milling and resurfacing | US 41 crossing at St. Paul St. |
| COT Water | C7-1-33: 8" ECJ | ROW change | US 41 crossing at St. Paul St. |
| COT Water | C7-1-33: 8" ECJ | Sidwalk installation | US 41 crossing at St. Paul St. |
| COT Water | C7-1-33: 8" ECJ | Roadway change to at-grade | US 41 crossing at St. Paul St. |
| COT Water | C7-1-33: 8" ECJ | Bridge construction | US 41 crossing at St. Paul St. |
| COT Water | A15-1-04: 6" DIP | Roadway milling and resurfacing | US 41 western ROW at sta. 1035+80 |
| COT Water | A15-1-04: 6" DIP | Sidwalk installation | US 41 western ROW at sta. 1035+80 |
| COT Water | A15-1-04: 6" DIP | Roadway change to at-grade | US 41 western ROW at sta. 1035+80 |
| COT Water | FC23-34: 2" ECJ | ROW change | US 41 and Trenton St. intersection; west side of US 41 |
| COT Water | FC23-34: 2" ECJ | Sidwalk installation | US 41 and Trenton St. intersection; west side of US 41 |
| COT Water | FC23-34: 2" ECJ | Roadway change to at-grade | US 41 and Trenton St. intersection; west side of US 41 |
| COT Water | E9-2-48: 6" DIP/ A15-1-04: 6" DIP | ROW change | US 41 and S 31st Ave intersection; west side of road |
| COT Water | E9-2-48: 6" DIP/ A15-1-04: 6" DIP | Sidwalk installation | US 41 and S 31st Ave intersection; west side of road |
| COT Water | E9-2-48: 6" DIP/ A15-1-04: 6" DIP | Roadway change to at-grade | US 41 and S 31st Ave intersection; west side of road |
| COT Water | E9-2-48: 6" DIP/ A15-1-04: 6" DIP | Roadway milling and resurfacing | US 41 and S 31st Ave intersection; west side of road |
| COT Water | FC22-70: 6" ECJ | Sidwalk installation | US 41 north-bound lane from sta. 1040+20 to 1044 |
| COT Water | FC22-70: 6" ECJ | Roadway change to on MSE | US 41 north-bound lane from sta. 1040+20 to 1044 |
| COT Water | C3-3-09: 6" PVC | Roadway milling and resurfacing | US 41 and S 30th Ave intersection; west side of US 41 |
| COT Water | C3-3-09: 6" PVC | ROW change | US 41 and S 30th Ave intersection; west side of US 41 |
| COT Water | C3-3-09: 6" PVC | Sidwalk installation | US 41 and S 30th Ave intersection; west side of US 41 |
| COT Water | C3-3-09: 6" PVC | Roadway change to at-grade | US 41 and S 30th Ave intersection; west side of US 41 |
| COT Water | FC41-3: 8" ECJ | Sidwalk installation | US 41 and SR 676 intesection; south side of SR 676 |
| COT Water | FC41-3: 8" ECJ | Roadway change to at-grade | US 41 and SR 676 intesection; south side of SR 676 |
| COT Water | FC27-95: 6" ECJ | Roadway change to at-grade | US 41 western ROW from sta. 1050 to 1055 |
| COT Water | FC27-95: 6" ECJ | ROW change | US 41 western ROW from sta. 1050 to 1055 |

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| COT Water | FC27-95: 6" ECJ | Sidwalk installation | US 41 western ROW from sta. 1050 to 1055 |
| COT Water | FC29-28: 2" ECJ | Roadway change to at-grade | US 41 eastern ROW from sta. 1051+50 to 11054+40 |
| COT Water | FC29-28: 2" ECJ | ROW change | US 41 eastern ROW from sta. 1051+50 to 11054+40 |
| COT Water | FC29-28: 2" ECJ | Sidwalk installation | US 41 eastern ROW from sta. 1051+50 to 11054+40 |
| COT Water | E14-4-21/FC26-56: abandoned 2" ECJ | Roadway change to at-grade | US 41 south-bound lane from sta. 1060+40 to 1064+20 |
| COT Water | E14-4-21/FC26-56: abandoned 2" ECJ | ROW change | US 41 south-bound lane from sta. 1060+40 to 1064+20 |
| COT Water | E14-4-21/FC26-56: abandoned 2" ECJ | Sidwalk installation | US 41 south-bound lane from sta. 1060+40 to 1064+20 |
| COT Water | FC23-83/A15-1-04: 6" ECJ | Sidwalk installation | US 41 eastern ROW from sta. 2060+500 to 2065 |
| COT Water | FC23-B3/A15-1-04: 6" ECJ | Roadway milling and resurfacing | US 41 eastern ROW from sta. 2060+500 to 2065 |
| COT Water | FC23-B3/A15-1-04: 6" ECJ | Roadway change to at-grade | US 41 eastern ROW from sta. 2060+500 to 2065 |
| COT Water | FC23-B3/A15-1-04: 6" ECJ | ROW change | US 41 eastern ROW from sta. 2060+500 to 2065 |
| COT Water | E14-4-17: 12" DIP | Roadway change to at-grade | US 41 and S 24th Ave. intersection; east side of US 41 |
| COT Water | E14-4-17: 12" DIP | Roadway milling and resurfacing | US 41 and S 24th Ave. intersection; east side of US 41 |
| COT Water | E14-4-17: 12" DIP | Sidwalk installation | US 41 and S 24th Ave. intersection; east side of US 41 |
| COT Water | FC42-41: 6" ECJ | ROW change | US 41 and S 23rd St intersection; west side of US 41 |
| COT Water | FC42-41: 6" ECJ | Roadway change to at-grade | US 41 and S 23rd St intersection; west side of US 41 |
| COT Water | FC42-41: 6" ECJ | Roadway milling and resurfacing | US 41 and S 23rd St intersection; west side of US 41 |
| COT Water | FC42-41: 6" ECJ | Sidwalk installation | US 41 and S 23rd St intersection; west side of US 41 |
| COT Water | FC22-35: 8" CAS | Sidwalk installation | Southern SR 676 ROW from the western project terminus to sta. 3019+20 |
| COT Water | FC22-35: 8" CAS | ROW change | Southern SR 676 ROW from the western project terminus to sta. 3019+20 |
| COT Water | FC22-35: 8" CAS | Roadway change to at-grade | Southern SR 676 ROW from the western project terminus to sta. 3019+20 |
| COT Water | J0346: 12" PVC | Roadway change to at-grade | SR 676 southern ROW at sta. 3004 |
| COT Water | J0346: 12" PVC | Sidwalk installation | SR 676 southern ROW at sta. 3004 |
| COT Water | FC22-34: 8" ECJ | Roadway change to at-grade | SR 676 southern ROW from sta. 3019+20 to 3029 |
| COT Water | FC22-34: 8" ECJ | Sidwalk installation | SR 676 southern ROW from sta. 3019+20 to 3029 |
| COT Water | FC22-34: 8" ECJ | ROW change | SR 676 southern ROW from sta. 3019+20 to 3029 |
| COT Water | C3-3-10: abandoned 8" DIP | Roadway change to at-grade | SR 676 southern ROW from sta. 3029 to 3039+80 |
| COT Water | C3-3-10: abandoned 8" DIP | Sidwalk installation | SR 676 southern ROW from sta. 3029 to 3039+80 |
| COT Water | C3-3-10: abandoned 8" DIP | ROW change | SR 676 southern ROW from sta. 3029 to 3039+80 |
| COT Water | FC84-212-02/03/04/05/06: 12" DIP | Sidwalk installation | SR 676 east-bound lane from sta. 3039+80 to the eastern project terminus; Unnamed extensions cross SR 676 at sta. 3041+40, 3043+20, and 3044+10, and 3054+50; sta. |

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| COT Water | FC84-212-02/03/04/05/06: 12" DIP | Roadway change to at-grade | SR 676 east-bound lane from sta. 3039+80 to the eastern project terminus; Unnamed extensions cross SR 676 at sta. 3041+40, 3043+20, and 3044+10, and 3054+50; sta. |
| COT Water | FC48-32: 6" ECJ | Roadway change to at-grade | SR 676 and Sagata St. intersection; south side of road |
| COT Water | FC48-32: 6" ECJ | Sidwalk installation | SR 676 and Sagata St. intersection; south side of road |
| COT Water | FC48-32: 6" ECJ | ROW change | SR 676 and Sagata St. intersection; south side of road |
| COT Water | FC55-01: 8" DIP | Roadway change to at-grade | SR 676 crossing at sta. 3057+60 |
| COT Water | FC55-01: 8" DIP | Sidwalk installation | SR 676 crossing at sta. 3057+60 |
| COT Water | FC55-01: 8" DIP | ROW change | SR 676 crossing at sta. 3057+60 |
| TECO Gas | 6" CS GM | Sidwalk installation | US 41 eastern ROW from southern project terminus to sta. 1007 |
| TECO Gas | 6" CS GM | Roadway change to at-grade | US 41 eastern ROW from southern project terminus to sta. 1007 |
| TECO Gas | 6" CS GM | ROW change | US 41 eastern ROW from southern project terminus to sta. 1007 |
| TECO Gas | 4" CS GM/retired OSS | Sidwalk installation | Crosses US 41 at Trenton St., continues north along the western ROW, and terminates |
| TECO Gas | 4" CS GM/retired OSS | Roadway change to at-grade | Crosses US 41 at Trenton St., continues north along the western ROW, and terminates |
| TECO Gas | 4" CS GM/retired OSS | ROW change | Crosses US 41 at Trenton St., continues north along the western ROW, and terminates |
| TECO Gas | 4" CS GM/retired OSS | Bridge construction | Crosses US 41 at Trenton St., continues north along the western ROW, and terminates |
| TECO Gas | 4" CS GM/retired OSS | Roadway change to on MSE | Crosses US 41 at Trenton St., continues north along the western ROW, and terminates |
| TECO Gas | 2" CS GM/retired OSS | Roadway change to at-grade | Extension west from the US 41 western ROW at the north side of Towaway Ave. |
| TECO Gas | 2" CS GM/retired OSS | Sidwalk installation | Extension west from the US 41 western ROW at the north side of Towaway Ave. |
| TECO Gas | 2" CS GM | Roadway change to at-grade | Extension west from the US 41 western ROW at the north side of Towaway Ave. |
| TECO Gas | 2" CS GM | Sidwalk installation | Extension west from the US 41 western ROW at the north side of Towaway Ave. |
| TECO Gas | 2" CS GM | ROW change | Extension west from the US 41 western ROW at the north side of Towaway Ave. |
| Tampa Bay Pipeline | AA 6" CS | Bridge construction | Crosses US 41 along the north side of St. Paul St. |
| Tampa Bay Pipeline | AA 6" CS | ROW change | Crosses US 41 along the north side of St. Paul St. |
| Tampa Bay Pipeline | AA 6" CS | Sidwalk installation | Crosses US 41 along the north side of St. Paul St. |
| Tampa Bay Pipeline | AA 6" CS | Roadway change to at-grade | Crosses US 41 along the north side of St. Paul St. |
| Tampa Bay Pipeline | AA 6" CS | Roadway milling and resurfacing | Crosses US 41 along the north side of St. Paul St. |
| Tampa Bay Pipeline | AA 6" CS | ROW change | Along southern ROW of SR 676, extending west past the project limits and turn south at |
| Tampa Bay Pipeline | AA 6" CS | Sidwalk installation | Along southern ROW of SR 676, extending west past the project limits and turn south at |
| Tampa Bay Pipeline | AA 6" CS | Roadway change to at-grade | Along southern ROW of SR 676, extending west past the project limits and turn south at |
| COT Wastewater | 10" PVC pressurized main | ROW change | Crosses SR 676 at Sagata St. and continues east along the northern ROW, ending outside the project's eastern terminus |
| COT Wastewater | 10" PVC pressurized main | Sidwalk installation | Crosses SR 676 at Sagata St. and continues east along the northern ROW, ending outside the project's eastern terminus |
| COT Wastewater | 10" PVC pressurized main | Roadway change to at-grade | Crosses SR 676 at Sagata St. and continues east along the northern ROW, ending outside the project's eastern terminus |

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| COT Wastewater | 8" PVC gravity main | Bridge construction | Crosses US 41 at the CSX intersection; runs along the north side of the tracks |
| COT Wastewater | 8" PVC gravity main | ROW change | Crosses US 41 at the CSX intersection; runs along the north side of the tracks |
| COT Wastewater | 8" PVC gravity main | Sidwalk installation | Crosses US 41 at the CSX intersection; runs along the north side of the tracks |
| COT Wastewater | 8" PVC gravity main | Roadway change to at-grade | Crosses US 41 at the CSX intersection; runs along the north side of the tracks |
| COT Wastewater | 8" PVC gravity main | Roadway milling and resurfacing | Crosses US 41 at the CSX intersection; runs along the north side of the tracks |
| Zayo | (3) 1-1/4" HDPE ducts E/W 144ct FOC | ROW change | Along the northern SR 676 ROW from the eastern project terminus to US 41, and the eastern US 41 ROW from SR 676 through the northern project terminus |
| Zayo | (3) 1-1/4" HDPE ducts E/W 144ct FOC | Sidwalk installation | Along the northern SR 676 ROW from the eastern project terminus to US 41, and the eastern US 41 ROW from SR 676 through the northern project terminus |
| Zayo | (3) 1-1/4" HDPE ducts E/W 144ct FOC | Roadway change to at-grade | Along the northern SR 676 ROW from the eastern project terminus to US 41, and the eastern US 41 ROW from SR 676 through the northern project terminus |
| Zayo | (3) 1-1/4" HDPE ducts E/W 144ct FOC | Roadway milling and resurfacing | Along the northern SR 676 ROW from the eastern project terminus to US 41, and the eastern US 41 ROW from SR 676 through the northern project terminus |
| Frontier | 3 buried cables (600,200,100) | ROW change | US 41 eastern ROW from the southern project terminus to Trenton St. |
| Frontier | 3 buried cables (600,200,100) | Sidwalk installation | US 41 eastern ROW from the southern project terminus to Trenton St. |
| Frontier | 3 buried cables (600,200,100) | Roadway change to at-grade | US 41 eastern ROW from the southern project terminus to Trenton St. |
| Frontier | 3 buried cables (600,600,600) | ROW change | US 41 eastern ROW from sta. 1018 to 1022+80 |
| Frontier | 3 buried cables (600,600,600) | Sidwalk installation | US 41 eastern ROW from sta. 1018 to 1022+80 |
| Frontier | 3 buried cables (600,600,600) | Roadway change to on MSE | US 41 eastern ROW from sta. 1018 to 1022+80 |
| Frontier | 3 buried cables (600,600,600) | Bridge construction | US 41 eastern ROW from sta. 1018 to 1022+80 |
| Frontier | 3 buried cables (600,600,FOC) | Bridge construction | US 41 eastern ROW from sta. 1032+20 to 1039+50 |
| Frontier | 3 buried cables (600,600,FOC) | Sidwalk installation | US 41 eastern ROW from sta. 1032+20 to 1039+50 |
| Frontier | 3 buried cables (600,600,FOC) | Roadway change to on MSE | US 41 eastern ROW from sta. 1032+20 to 1039+50 |
| Frontier | 3 buried cables (600,600,FOC) | New roadway to properties | US 41 eastern ROW from sta. 1032+20 to 1039+50 |
| Frontier | 3 buried cables (600,600,FOC) | ROW change | US 41 eastern ROW from sta. 1032+20 to 1039+50 |
| Frontier | 3 buried cables (600,600,FOC) | ROW change | Extention west from the US 41 western ROW at S 31st Ave |
| Frontier | 3 buried cables (600,600,FOC) | Roadway milling and resurfacing | Extention west from the US 41 western ROW at S 31st Ave |
| Frontier | 3 buried cables (600,600,FOC) | Sidwalk installation | Extention west from the US 41 western ROW at S 31st Ave |
| Frontier | 5 buried cables (600,600,600,200,100) | Sidwalk installation | US 41 eastern ROW from sta. 1010+70 to 1018 |
| Frontier | 5 buried cables (600,600,600,200,100) | Roadway change to at-grade | US 41 eastern ROW from sta. 1010+70 to 1018 |
| Frontier | 5 buried cables (100,200,600,600,FOC) | New roadway to properties | Eastern US 41 ROW from sta. 1022+80 to 1032+20 |

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| Frontier | 5 buried cables (100,200,600,600,FOC) | Bridge construction | Eastern US 41 ROW from sta. 1022+80 to 1032+20 |
| Frontier | 5 buried cables (100,200,600,600,FOC) | ROW change | Eastern US 41 ROW from sta. 1022+80 to 1032+20 |
| Frontier | 5 buried cables (100,200,600,600,FOC) | Roadway change to on MSE | Eastern US 41 ROW from sta. 1022+80 to 1032+20 |
| Frontier | 5 buried cables (100,200,600,600,FOC) | Sidwalk installation | Eastern US 41 ROW from sta. 1022+80 to 1032+20 |
| Frontier | 1 buried cable (unknow size or type) | Sidwalk installation | Crosses SR 676 at sta. 3009+90 |
| Frontier | 1 buried cable (unknow size or type) | Roadway change to at-grade | Crosses SR 676 at sta. 3009+90 |
| Frontier | 1 buried cable (unknow size or type) | ROW change | Crosses SR 676 at sta. 3009+90 |
| Frontier | 10" steel casing with copper and fiber cables | ROW change | Crosses US 41 at sta. 1039+50 (S 31st Ave.) |
| Frontier | 10" steel casing with copper and fiber cables | Roadway change to on MSE | Crosses US 41 at sta. 1039+50 (S 31st Ave.) |
| Frontier | 10" steel casing with copper and fiber cables | Sidwalk installation | Crosses US 41 at sta. 1039+50 (S 31st Ave.) |
| Frontier | 10" steel casing with copper and fiber cables | Roadway milling and resurfacing | Crosses US 41 at sta. 1039+50 (S 31st Ave.) |
| Frontier | 3-4" conduits | Roadway change to on MSE | US 41 eastern ROW from sta. 1043+60 (S 30th Ave) to 1046+60 (SR 676) |
| Frontier | 3-4" conduits | Roadway change to at-grade | US 41 eastern ROW from sta. 1043+60 (S 30th Ave) to 1046+60 (SR 676) |
| Frontier | 3-4" conduits | Sidwalk installation | US 41 eastern ROW from sta. 1043+60 (S 30th Ave) to 1046+60 (SR 676) |
| Frontier | 3-4" conduits | Roadway change to at-grade | Western US 41 ROW from sta. 1050+50 (El Camino Blanco Blvd.) to 1067+40 (project) |
| Frontier | 3-4" conduits | Sidwalk installation | Western US 41 ROW from sta. 1050+50 (El Camino Blanco Blvd.) to 1067+40 (project) |
| Frontier | 3-4" conduits | ROW change | Western US 41 ROW from sta. 1050+50 (El Camino Blanco Blvd.) to 1067+40 (project) |
| Frontier | 3-4" conduits | Roadway milling and resurfacing | Western US 41 ROW from sta. 1050+50 (El Camino Blanco Blvd.) to 1067+40 (project) |
| Frontier | 3-4" conduits | Roadway change to at-grade | US 41 eastern ROW from sta. 1050+50 (El Camino Blanco Blvd.) to 1060 +20 (S 24th) |
| Frontier | 3-4" conduits | Sidwalk installation | US 41 eastern ROW from sta. 1050+50 (El Camino Blanco Blvd.) to 1060 +20 (S 24th) |
| Frontier | 3-4" conduits | ROW change | US 41 eastern ROW from sta. 1050+50 (El Camino Blanco Blvd.) to 1060 +20 (S 24th) |
| Frontier | 3-4" conduits | Roadway milling and resurfacing | US 41 eastern ROW from sta. 1050+50 (El Camino Blanco Blvd.) to 1060 +20 (S 24th) |
| Frontier | 3-4" conduits | Roadway change to at-grade | Cross US 41 at sta. 1046+60 (SR 676 intersection, south side) |
| Frontier | 3-4" conduits | Sidwalk installation | Cross US 41 at sta. 1046+60 (SR 676 intersection, south side) |

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| Frontier | 3-4" conduits | Roadway change to at-grade | Southern SR 676 ROW from sta. 3034+20 (S 47th St.) to 3040+60 (Sagata St.) |
| Frontier | 3-4" conduits | Sidwalk installation | Southern SR 676 ROW from sta. 3034+20 (S 47th St.) to 3040+60 (Sagata St.) |
| Frontier | 3-4" conduits | ROW change | Southern SR 676 ROW from sta. 3034+20 (S 47th St.) to 3040+60 (Sagata St.) |
| Frontier | 6-4" conduits | Sidwalk installation | Eastern US 41 ROW from sta. 1046+60 (SR 676 intersection, south side) to 1050+50 (El |
| Frontier | 6-4" conduits | Roadway change to at-grade | Eastern US 41 ROW from sta. 1046+60 (SR 676 intersection, south side) to 1050+50 (El |
| Frontier | 6-4" conduits | ROW change | SR 676 southern ROW from sta. 3047+50 (US 41, east side) to 3057+50 (project eastern |
| Frontier | 6-4" conduits | Sidwalk installation | SR 676 southern ROW from sta. 3047+50 (US 41, east side) to 3057+50 (project eastern |
| Frontier | 6-4" conduits | Roadway change to at-grade | SR 676 southern ROW from sta. 3047+50 (US 41, east side) to 3057+50 (project eastern |
| Frontier | 6-4" conduits | Roadway milling and resurfacing | SR 676 southern ROW from sta. 3047+50 (US 41, east side) to 3057+50 (project eastern |
| Frontier | 6-4" conduits | ROW change | Crosses SR 676 at sta. 3057+50 (project eastern terminus) |
| Frontier | 6-4" conduits | Sidwalk installation | Crosses SR 676 at sta. 3057+50 (project eastern terminus) |
| Frontier | 6-4" conduits | Roadway change to at-grade | Crosses SR 676 at sta. 3057+50 (project eastern terminus) |
| Frontier | 2-4" conduits | ROW change | Northern SR 676 ROW from sta. 3049+20 to 3051+80 |
| Frontier | 2-4" conduits | Sidwalk installation | Northern SR 676 ROW from sta. 3049+20 to 3051+80 |
| Frontier | 2-4" conduits | Roadway change to at-grade | Northern SR 676 ROW from sta. 3049+20 to 3051+80 |
| Frontier | 2-4" conduits | ROW change | Extension west from the western US 41 ROW at sta. 1050+50 (El Camino Blanco Blvd.) |
| Frontier | 2-4" conduits | Sidwalk installation | Extension west from the western US 41 ROW at sta. 1050+50 (El Camino Blanco Blvd.) |
| Frontier | 2-4" conduits | Roadway change to at-grade | Extension west from the western US 41 ROW at sta. 1050+50 (El Camino Blanco Blvd.) |
| Frontier | 4-4" conduits | ROW change | Southern SR 676 ROW from the western project terminus to sta. 3034+20 (S 47th St.) |
| Frontier | 4-4" conduits | Sidwalk installation | Southern SR 676 ROW from the western project terminus to sta. 3034+20 (S 47th St.) |
| Frontier | 4-4" conduits | Roadway change to at-grade | Southern SR 676 ROW from the western project terminus to sta. 3034+20 (S 47th St.) |
| Frontier | 4-4" conduits | ROW change | Crosses SR 676 at sta. 3050+30 |
| Frontier | 4-4" conduits | Sidwalk installation | Crosses SR 676 at sta. 3050+30 |
| Frontier | 4-4" conduits | Roadway change to at-grade | Crosses SR 676 at sta. 3050+30 |
| Frontier | Buried FOC | ROW change | Crosses SR 676 at sta. 3017+60 |
| Frontier | Buried FOC | Sidwalk installation | Crosses SR 676 at sta. 3017+60 |
| Frontier | Buried FOC | Roadway change to at-grade | Crosses SR 676 at sta. 3017+60 |
| Frontier | Buried FOC | ROW change | Extension east from the eastern US 41 ROW at sta. 1051+50 (S 27th Ave.) |
| Frontier | Buried FOC | Sidwalk installation | Extension east from the eastern US 41 ROW at sta. 1051+50 (S 27th Ave.) |
| Frontier | Buried FOC | Roadway change to at-grade | Extension east from the eastern US 41 ROW at sta. 1051+50 (S 27th Ave.) |
| Frontier | 24" steel casing with 16-4" conduits | ROW change | Crosses SR 676 at sta. 3034+20 (S 47th St.) |
| Frontier | 24" steel casing with 16-4" conduits | Sidwalk installation | Crosses SR 676 at sta. 3034+20 (S 47th St.) |

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| Frontier | 24" steel casing with 16-4" conduits | Roadway change to at-grade | Crosses SR 676 at sta. 3034+20 (S 47th St.) |
| Frontier | 8-4" conduits | ROW change | Extension west from the US 41 western ROW at sta. 1050+50 (El Camino Blanco Blvd.) |
| Frontier | 8-4" conduits | Sidwalk installation | Extension west from the US 41 western ROW at sta. 1050+50 (El Camino Blanco Blvd.) |
| Frontier | 8-4" conduits | Roadway change to at-grade | Extension west from the US 41 western ROW at sta. 1050+50 (El Camino Blanco Blvd.) |
| Hillsborough County Traffic | 4" traffic system conduits | ROW change | SR 676 northern ROW from sta. 3046 (US 41, west side) through the eastern project |
| Hillsborough County Traffic | 4" traffic system conduits | Sidwalk installation | SR 676 northern ROW from sta. 3046 (US 41, west side) through the eastern project |
| Hillsborough County Traffic | 4" traffic system conduits | Roadway change to at-grade | SR 676 northern ROW from sta. 3046 (US 41, west side) through the eastern project |
| Hillsborough County Traffic | 2" traffic system conduits | ROW change | US 41 western ROW from sta. 1049 (SR 676, north side) through the northern project |
| Hillsborough County Traffic | 2" traffic system conduits | Sidwalk installation | US 41 western ROW from sta. 1049 (SR 676, north side) through the northern project |
| Hillsborough County Traffic | 2" traffic system conduits | Roadway change to at-grade | US 41 western ROW from sta. 1049 (SR 676, north side) through the northern project |
| Hillsborough County Traffic | 2" traffic system conduits | Roadway milling and resurfacing | US 41 western ROW from sta. 1049 (SR 676, north side) through the northern project |
| se Networks dba Charter | Buried FOC | ROW change | Crosses US 41 at sta. 1007+50 (near Hartford St.) |
| se Networks dba Charter | Buried FOC | Sidwalk installation | Crosses US 41 at sta. 1007+50 (near Hartford St.) |
| se Networks dba Charter | Buried FOC | Roadway change to at-grade | Crosses US 41 at sta. 1007+50 (near Hartford St.) |
| se Networks dba Charter | Buried FOC | ROW change | Crosses US 41 at sta. 1051+30 (S 27th Ave) |
| se Networks dba Charter | Buried FOC | Sidwalk installation | Crosses US 41 at sta. 1051+30 (S 27th Ave) |
| se Networks dba Charter | Buried FOC | Roadway change to at-grade | Crosses US 41 at sta. 1051+30 (S 27th Ave) |
| se Networks dba Charter | Buried CATV | ROW change | Crosses US 41 at sta. 1017+15 (near Delaney Creek) |
| se Networks dba Charter | Buried CATV | Sidwalk installation | Crosses US 41 at sta. 1017+15 (near Delaney Creek) |
| se Networks dba Charter | Buried CATV | Roadway change to at-grade | Crosses US 41 at sta. 1017+15 (near Delaney Creek) |
| se Networks dba Charter | Buried CATV | Roadway change to on MSE | Crosses US 41 at sta. 1035+80 (between St. Paul St. and S 31st Ave.) |
| se Networks dba Charter | Buried CATV | Roadway milling and resurfacing | Crosses US 41 at sta. 1035+80 (between St. Paul St. and S 31st Ave.) |
| se Networks dba Charter | Buried CATV | Sidwalk installation | Crosses US 41 at sta. 1035+80 (between St. Paul St. and S 31st Ave.) |
| se Networks dba Charter | Buried CATV | ROW change | Crosses US 41 at sta. 1035+80 (between St. Paul St. and S 31st Ave.) |
| se Networks dba Charter | Buried CATV | Roadway change to at-grade | Crosses US 41 at sta. 1035+80 (between St. Paul St. and S 31st Ave.) |
| se Networks dba Charter | Buried CATV | New roadway to properties | Crosses US 41 at sta. 1035+80 (between St. Paul St. and S 31st Ave.) |
| se Networks dba Charter | Buried CATV | ROW change | Crosses SR 676 at sta. 3027 (S 45th St.) |
| se Networks dba Charter | Buried CATV | Sidwalk installation | Crosses SR 676 at sta. 3027 (S 45th St.) |
| se Networks dba Charter | Buried CATV | Roadway change to at-grade | Crosses SR 676 at sta. 3027 (S 45th St.) |
| se Networks dba Charter | Buried CATV | ROW change | SR 676 northern ROW from sta. 3027 (S 45th St.) to 3039 (near Sagata St.) |
| se Networks dba Charter | Buried CATV | Sidwalk installation | SR 676 northern ROW from sta. 3027 (S 45th St.) to 3039 (near Sagata St.) |
| se Networks dba Charter | Buried CATV | Roadway change to at-grade | SR 676 northern ROW from sta. 3027 (S 45th St.) to 3039 (near Sagata St.) |
| Frontier | (1) Aerial cable | Sidwalk installation | Extension east from the US 41 eastern ROW at sta. 1010+70 (Trenton St.) |
| Frontier | (1) Aerial cable | ROW change | Extension east from the US 41 eastern ROW at sta. 1010+70 (Trenton St.) |

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| Frontier | (1) Aerial cable | Roadway change to at-grade | Extention east from the US 41 eastern ROW at sta. 1010+70 (Trenton St.) |
| Frontier | (1) Aerial cable | Sidwalk installation | Extention east from the US 41 eastern ROW at sta. 1060+70 (S 24th Ave.) |
| Frontier | (1) Aerial cable | Roaday milling and resurfacing | Extention east from the US 41 eastern ROW at sta. 1060+70 (S 24th Ave.) |
| Frontier | (1) Aerial cable | Sidwalk installation | Extention east from the US 41 eastern ROW at sta. 11064+70 (S 23rd Ave.) |
| Frontier | (1) Aerial cable | Roaday milling and resurfacing | Extention east from the US 41 eastern ROW at sta. 11064+70 (S 23rd Ave.) |
| Frontier | (1) Aerial cable | Sidwalk installation | Extention west from the US 41 western ROW at sta. 1018+60 (Raleigh St.) |
| Frontier | (1) Aerial cable | ROW change | Extention west from the US 41 western ROW at sta. 1018+60 (Raleigh St.) |
| Frontier | (1) Aerial cable | Roadway change to at-grade | Extention west from the US 41 western ROW at sta. 1018+60 (Raleigh St.) |
| Frontier | (1) Aerial cable | Bridge construction | Extention west from the US 41 western ROW at sta. 1018+60 (Raleigh St.) |
| Frontier | (1) Aerial cable | Sidwalk installation | Crosses US 41 at sta. 1022+80 (Towaway Ave.) |
| Frontier | (1) Aerial cable | ROW change | Crosses US 41 at sta. 1022+80 (Towaway Ave.) |
| Frontier | (1) Aerial cable | Roadway change to at-grade | Crosses US 41 at sta. 1022+80 (Towaway Ave.) |
| Frontier | (1) Aerial cable | Bridge construction | Crosses US 41 at sta. 1022+80 (Towaway Ave.) |
| Frontier | (1) Aerial cable | Roadway change to on MSE | Crosses US 41 at sta. 1022+80 (Towaway Ave.) |
| Frontier | (1) Aerial cable | Sidwalk installation | Crosses US 41 at sta. 2053+70 (N of S 27th Ave) |
| Frontier | (1) Aerial cable | ROW change | Crosses US 41 at sta. 2053+70 (N of S 27th Ave) |
| Frontier | (1) Aerial cable | Roadway change to at-grade | Crosses US 41 at sta. 2053+70 (N of S 27th Ave) |
| Frontier | (1) Aerial cable | Sidwalk installation | Crosses US 41 at sta. 1064+70 (S 23rd Ave.) |
| Frontier | (1) Aerial cable | ROW change | Crosses US 41 at sta. 1064+70 (S 23rd Ave.) |
| Frontier | (1) Aerial cable | Roadway change to at-grade | Crosses US 41 at sta. 1064+70 (S 23rd Ave.) |
| Frontier | (1) Aerial cable | Roaday milling and resurfacing | Crosses US 41 at sta. 1064+70 (S 23rd Ave.) |
| Frontier | (1) Aerial cable | Sidwalk installation | US 41 western ROW from sta. 1050+50 (El Camino Blanco Blvd.) to 1053+70 |
| Frontier | (1) Aerial cable | ROW change | US 41 western ROW from sta. 1050+50 (El Camino Blanco Blvd.) to 1053+70 |
| Frontier | (1) Aerial cable | Roadway change to at-grade | US 41 western ROW from sta. 1050+50 (El Camino Blanco Blvd.) to 1053+70 |
| Frontier | (1) Aerial cable | Sidwalk installation | US 41 western ROW from sta. 1060+70 (S 24th Ave.) to 1064+70 (S 23rd Ave.) |
| Frontier | (1) Aerial cable | ROW change | US 41 western ROW from sta. 1060+70 (S 24th Ave.) to 1064+70 (S 23rd Ave.) |
| Frontier | (1) Aerial cable | Roadway change to at-grade | US 41 western ROW from sta. 1060+70 (S 24th Ave.) to 1064+70 (S 23rd Ave.) |
| Frontier | (1) Aerial cable | Roaday milling and resurfacing | Crosses S 24th Ave. at the US 41 intersection (east side of US 41). |
| Frontier | (1) Aerial cable | Sidwalk installation | Crosses S 24th Ave. at the US 41 intersection (east side of US 41). |
| Frontier | (1) Aerial cable | Roadway change to at-grade | Crosses SR 676 at sta.3027+30 (S 45th St.) |
| Frontier | (1) Aerial cable | Sidwalk installation | Crosses SR 676 at sta.3027+30 (S 45th St.) |
| Frontier | (1) Aerial cable | ROW change | Crosses SR 676 at sta.3027+30 (S 45th St.) |
| Frontier | (1) Aerial cable | Roadway change to at-grade | Crosses SR 676 at sta.3034+20 (S 47th St.) |
| Frontier | (1) Aerial cable | Sidwalk installation | Crosses SR 676 at sta.3034+20 (S 47th St.) |
| Frontier | (1) Aerial cable | ROW change | Crosses SR 676 at sta.3034+20 (S 47th St.) |

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| Frontier | (1) Aerial cable | Roadway change to at-grade | Crosses SR 676 at sta.3037 |
| Frontier | (1) Aerial cable | Sidwalk installation | Crosses SR 676 at sta.3037 |
| Frontier | (1) Aerial cable | ROW change | Crosses SR 676 at sta.3037 |
| Frontier | (1) Aerial cable | Roadway change to at-grade | SR 676 southern ROW from sta. 3022+60 to 3042+90 |
| Frontier | (1) Aerial cable | Sidwalk installation | SR 676 southern ROW from sta. 3022+60 to 3042+90 |
| Frontier | (1) Aerial cable | ROW change | SR 676 southern ROW from sta. 3022+60 to 3042+90 |
| Frontier | (3) Aerial cables | Roadway change to at-grade | Crosses US 41 at sta. 1053+70 |
| Frontier | (3) Aerial cables | Sidwalk installation | Crosses US 41 at sta. 1053+70 |
| Frontier | (3) Aerial cables | ROW change | Crosses US 41 at sta. 1053+70 |
| Frontier | (4) Aerial cables | Roadway change to at-grade | Eastern US 41 ROW from sta. 1053+70 to 1060+70 (S 24th Ave.). |
| Frontier | (4) Aerial cables | Sidwalk installation | Eastern US 41 ROW from sta. 1053+70 to 1060+70 (S 24th Ave.). |
| Frontier | (4) Aerial cables | ROW change | Eastern US 41 ROW from sta. 1053+70 to 1060+70 (S 24th Ave.). |
| Frontier | (4) Aerial cables | Roadway milling and resurfacing | Eastern US 41 ROW from sta. 1053+70 to 1060+70 (S 24th Ave.). |
| Frontier | (4) Aerial cables | Roadway change to at-grade | US 41 eastern ROW from sta. 1060+70 (S 24th Ave.) to the northern project terminus |
| Frontier | (4) Aerial cables | Roadway milling and resurfacing | US 41 eastern ROW from sta. 1060+70 (S 24th Ave.) to the northern project terminus |
| Frontier | (4) Aerial cables | ROW change | US 41 eastern ROW from sta. 1060+70 (S 24th Ave.) to the northern project terminus |
| Frontier | Overhead guy wires | Roadway change to at-grade | Western US 41 ROW from sta. 1017+40 (Raleigh St.) to 1022+80 (Towaway Ave.) |
| Frontier | Overhead guy wires | Sidwalk installation | Western US 41 ROW from sta. 1017+40 (Raleigh St.) to 1022+80 (Towaway Ave.) |
| Frontier | Overhead guy wires | Sidwalk installation | SR 676 southern ROW at 3040+40 (Sagata St.) |
| Frontier | Overhead guy wires | ROW change | SR 676 southern ROW at 3040+40 (Sagata St.) |
| Frontier | Overhead guy wires | Roadway change to at-grade | SR 676 southern ROW at 3040+40 (Sagata St.) |
| Willsborough County Traffic | Buried fiber bundle cables | Roadway change to at-grade | SR 676 northern ROW from the US 41 intersection (east side) through the eastern |
| Willsborough County Traffic | Buried fiber bundle cables | Sidwalk installation | SR 676 northern ROW from the US 41 intersection (east side) through the eastern |
| Willsborough County Traffic | Buried fiber bundle cables | ROW change | SR 676 northern ROW from the US 41 intersection (east side) through the eastern |
| Willsborough County Traffic | Buried copper cables | Roadway change to at-grade | Crosses US 41 at the SR 676 intersection (north side) |
| Willsborough County Traffic | Buried copper cables | Sidwalk installation | Crosses US 41 at the SR 676 intersection (north side) |
| Case Networks dba Charter | Aerial CATV and FOC | Sidwalk installation | Northern US 41 ROW from the southern project terminus through the northern project |
| | Aerial CATV and FOC | ROW change | Northern US 41 ROW from the southern project terminus through the northern project |
| | Aerial CATV and FOC | Roadway change to at-grade | Northern US 41 ROW from the southern project terminus through the northern project |
| | Aerial CATV and FOC | Bridge construction | Northern US 41 ROW from the southern project terminus through the northern project |
| | Aerial CATV and FOC | Roadway change to on MSE | Northern US 41 ROW from the southern project terminus through the northern project |
| | Aerial CATV and FOC | Roadway milling and resurfacing | Northern US 41 ROW from the southern project terminus through the northern project |
| | Aerial CATV and FOC | Roadway change to at-grade | Crosses US 41 at sta. 1052 (S 27th Ave.) |
| | Aerial CATV and FOC | Sidwalk installation | Crosses US 41 at sta. 1052 (S 27th Ave.) |
| | Aerial CATV and FOC | ROW change | Crosses US 41 at sta. 1052 (S 27th Ave.) |

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| | Aerial CATV and FOC | Roadway change to at-grade | SR 676 northern ROW from sta. 3046+60 (US 41, west side) to 3049+20 |
| | Aerial CATV and FOC | Sidwalk installation | SR 676 northern ROW from sta. 3046+60 (US 41, west side) to 3049+20 |
| | Aerial CATV and FOC | ROW change | SR 676 northern ROW from sta. 3046+60 (US 41, west side) to 3049+20 |
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