

**TAMPA-HILLSBOROUGH COUNTY  
EXPRESSWAY AUTHORITY**

**Letter of Clarification No. 1**

**FOR**

**Extended Letter of Interest**

**PD&E Nebraska**

**ELOI P-00220**

## Letter of Clarification No. 1 ~ ELOI No. P-00220

Date of Letter of Clarification: 02/24/20

To all prospective respondents:

The following responds to questions received on the solicitation reference above:

Question 1:	Is it still possible for us to meet with the project selection committee?
Response 1:	<b>Not possible to meet with the selection committee during the procurement process, per section II, 9, of the ELOI.</b>
Question 2:	Are there any available planning, or feasibility, reports for the subject project?
Response 2:	<b>Plans related to this project attached.</b>
Question 3:	We have graphics within our ELOI and there is text on the graphic, do the fonts within the graphic have to meet the ELOI font requirement of 10pt as well?
Response 3:	<b>No, graphics do not have to meet the minimum of 10pt font.</b>
Question 4:	Will a cover and back count against the ELOI page requirement?
Response 4:	<b>No.</b>

**Bidders MUST** acknowledge receipt of this Letter of Clarification by signing, dating and returning the completed Acknowledgement of Receipt of Letter of Clarification/Addendum form with Respondent's proposal.

All other items, conditions, and specifications in the procurement document not specifically changed by the Addendum remain unchanged.

Please send all questions to THEA's Procurement Manager, Man Le, via email at [Man.Le@tampa-xway.com](mailto:Man.Le@tampa-xway.com).

**ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM and/or LETTER OF CLARIFICATION**

Were Addenda issued on this Solicitation?

Yes

No

Were Letter of Clarification issued on this Solicitation?

Yes

No

I (We) hereby acknowledge receipt of the following Addendum/Addenda issued in reference to this solicitation by listing the Addenda by number, date and signing the form:

Addendum \_\_\_\_\_ Date: \_\_\_\_\_

Addendum \_\_\_\_\_ Date: \_\_\_\_\_

Letter of Clarification \_\_\_\_\_ Date: \_\_\_\_\_

Letter of Clarification \_\_\_\_\_ Date: \_\_\_\_\_

**BIDDER:**

By: \_\_\_\_\_

Authorized Signature

\_\_\_\_\_  
Printed Name of Signer

\_\_\_\_\_  
Title of Signer

\_\_\_\_\_  
Date Signed

**[END OF ACKNOWLEDGMENT OF RECEIPT FORM]**

**CONTRACT PLANS COMPONENTS**

ROADWAY PLANS

**TAMPA HILLSBOROUGH  
EXPRESSWAY AUTHORITY**

**CONTRACT PLANS**

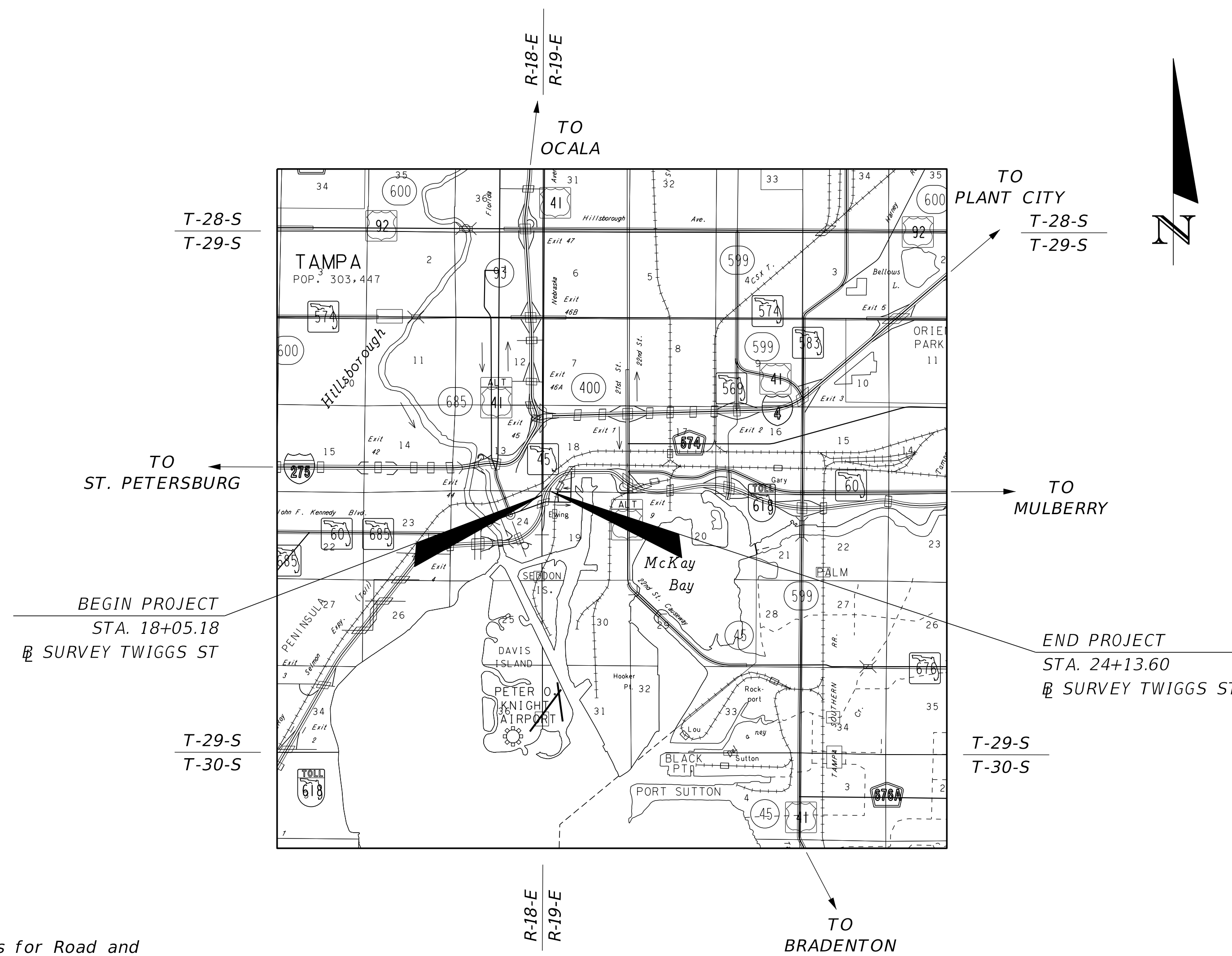
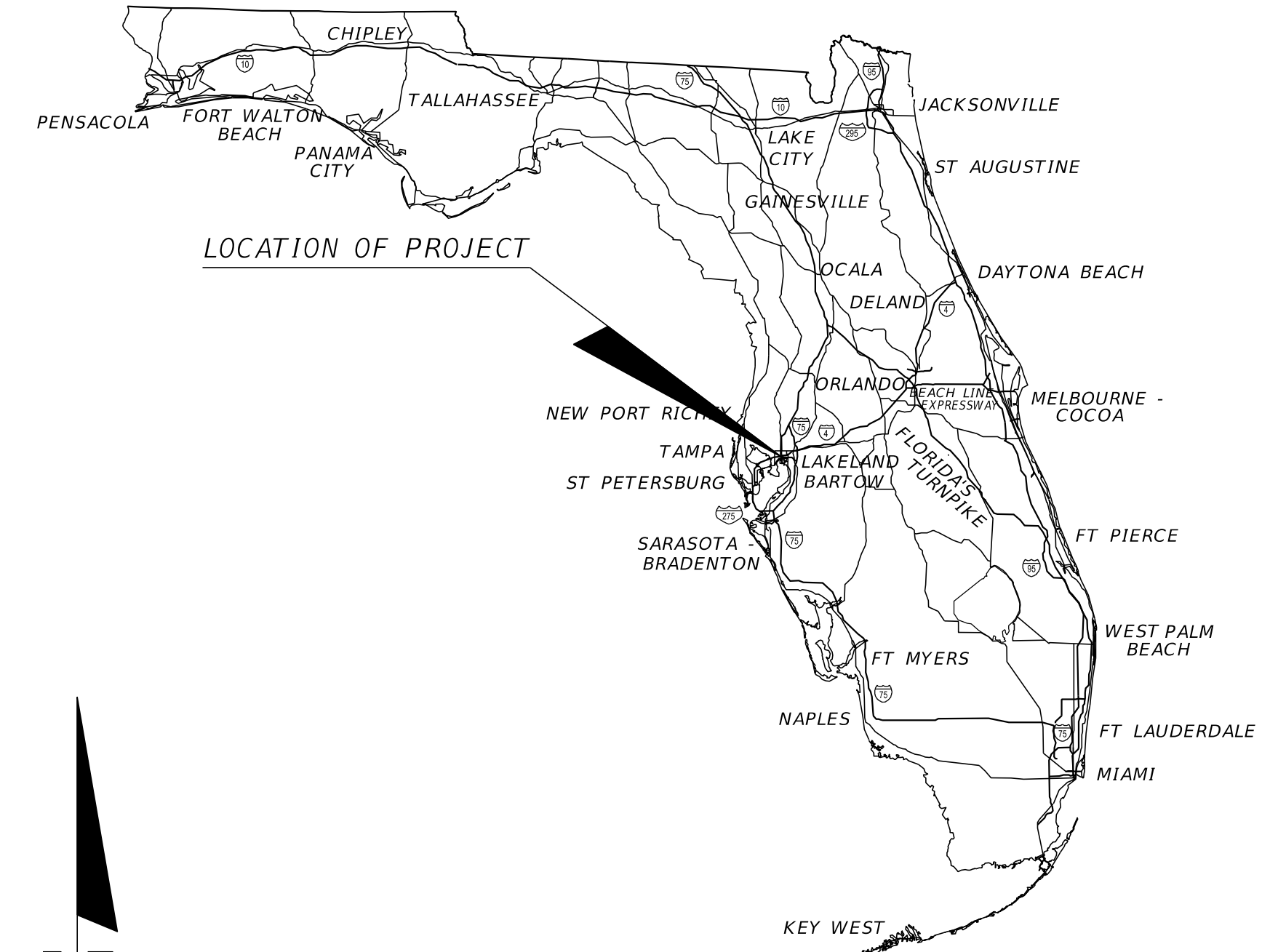
PROJECT ID: O-00918

HILLSBOROUGH COUNTY (10002)

E. TWIGGS STREET

**INDEX OF ROADWAY PLANS**

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	TYPICAL SECTION
4 - 5	ROADWAY PLAN
6 - 7	UTILITY ADJUSTMENTS



**GOVERNING STANDARD PLANS:**

Florida Department of Transportation, FY2018/19 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>

**GOVERNING STANDARD SPECIFICATIONS:**

Florida Department of Transportation, July 2018 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

**ROADWAY PLANS  
ENGINEER OF RECORD:**

DOUGLAS J. BURKHART, P.E. NO.: 40900  
HNTB CORPORATION  
201 N. FRANKLIN STREET, SUITE 1200  
TAMPA, FL 33602  
(813) 402-4150  
CONTRACT NO.: O-00918  
VENDOR NO.: VF 43-1623092  
CERTIFICATE OF AUTHORIZATION NO.: 6500

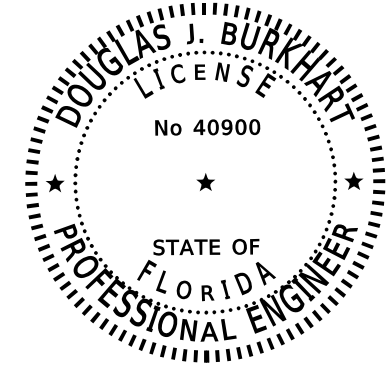
**THEA PROJECT MANAGER:**

DAVID MAY, P.E.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
		1

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

THIS ITEM HAS BEEN DIGITALLY  
SIGNED AND SEALED BY



ON THE DATE ADJACENT TO THE SEAL  
PRINTED COPIES OF THIS DOCUMENT ARE  
NOT CONSIDERED SIGNED AND SEALED  
AND THE SIGNATURE MUST BE VERIFIED  
ON ANY ELECTRONIC COPIES.

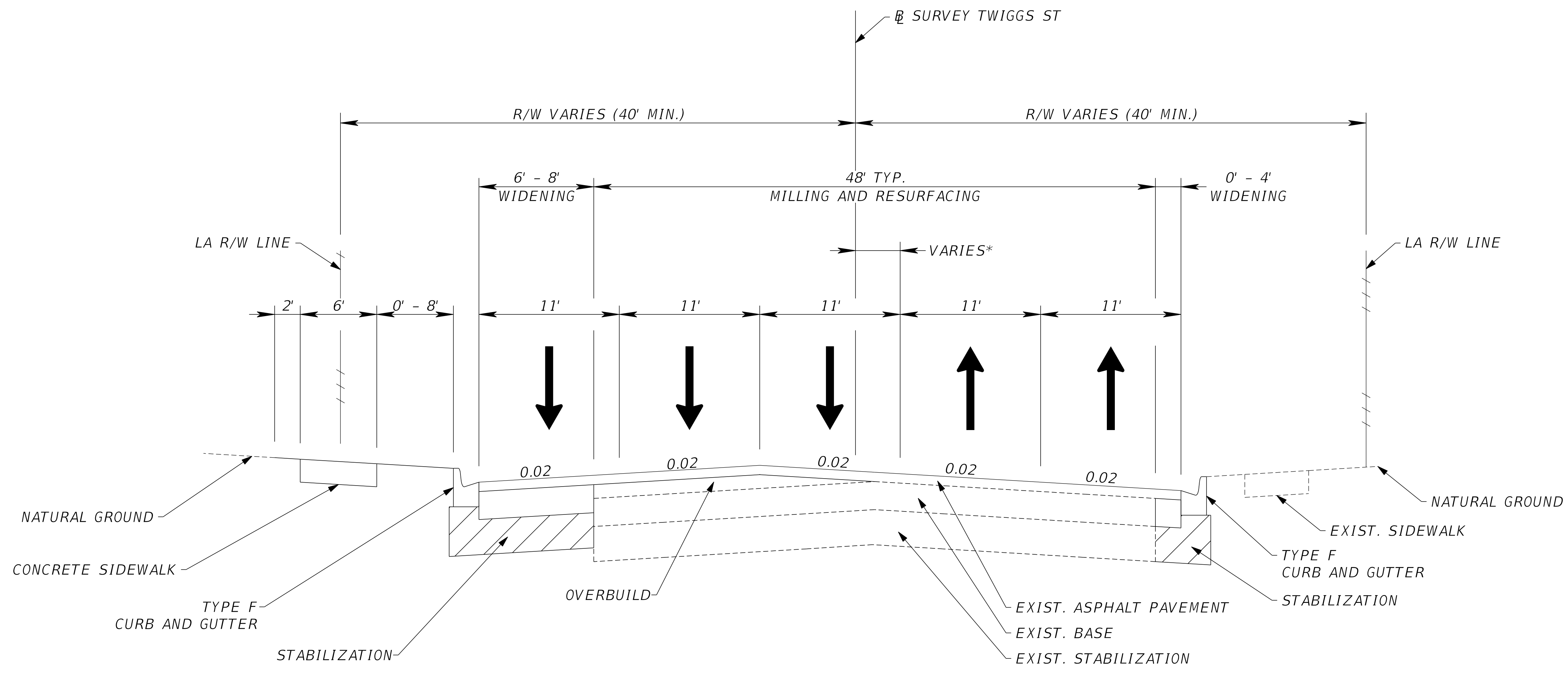
HNTB CORPORATION  
201 N. FRANKLIN STREET, SUITE 1200  
TAMPA, FL 33602  
CERTIFICATE OF AUTHORIZATION NO. 6500  
DOUGLAS J. BURKHART, P.E. NO. 40900

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR  
THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	TYPICAL SECTION
4 - 5	ROADWAY PLAN
6 - 7	UTILITY ADJUSTMENTS

REVISIONS				HNTB CORPORATION 201 N. FRANKLIN STREET, SUITE 1200 TAMPA, FL 33602 PHONE: (813) 402-4150 CERTIFICATE OF AUTHORIZATION NO. 6500 DOUGLAS J. BURKHART, P.E. NO. 40900	TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY			<i>SIGNATURE SHEET</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		2
					TWIGGS ST	HILLSBOROUGH	000918		



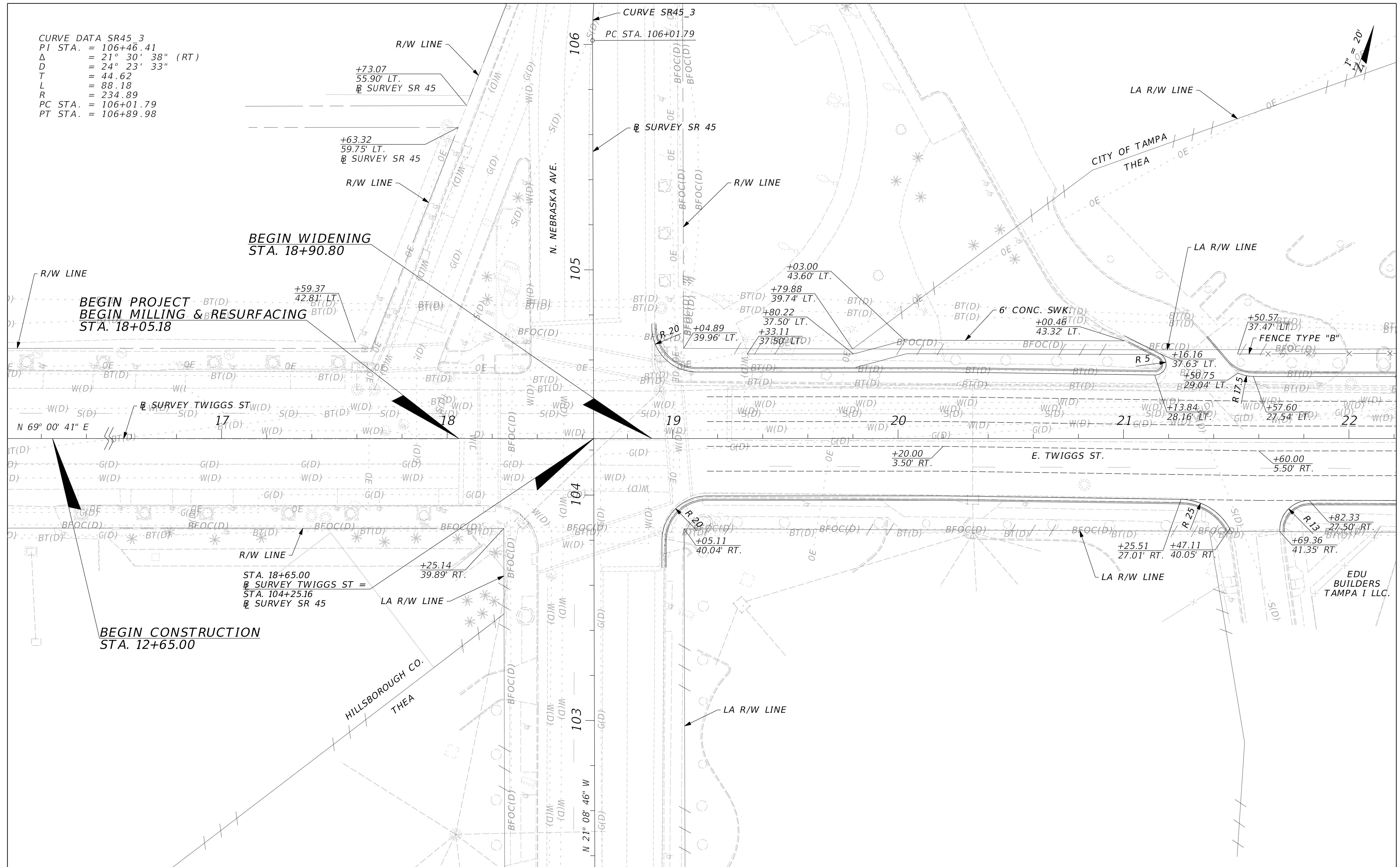
**TYPICAL SECTION  
E. TWIGGS STREET  
STA. 18+90.80 TO STA. 23+68.49**

\* 3.5' FROM STA. 19+13.65 TO 20+20.00  
5.5' FROM STA. 21+60.00 TO 22+86.04  
SEE CROSS SECTIONS FOR REMAINING STA. AND TRANSITIONS

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

REVISIONS				HNTB CORPORATION 201 N. FRANKLIN STREET, SUITE 1200 TAMPA, FL 33602 PHONE: (813) 402-4150 CERTIFICATE OF AUTHORIZATION NO. 6500 DOUGLAS J. BURKHART, P.E. NO. 40900	TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY			<b>TYPICAL SECTION</b> SHEET NO. <b>3</b>
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					TWIGGS ST	HILLSBOROUGH	000918	

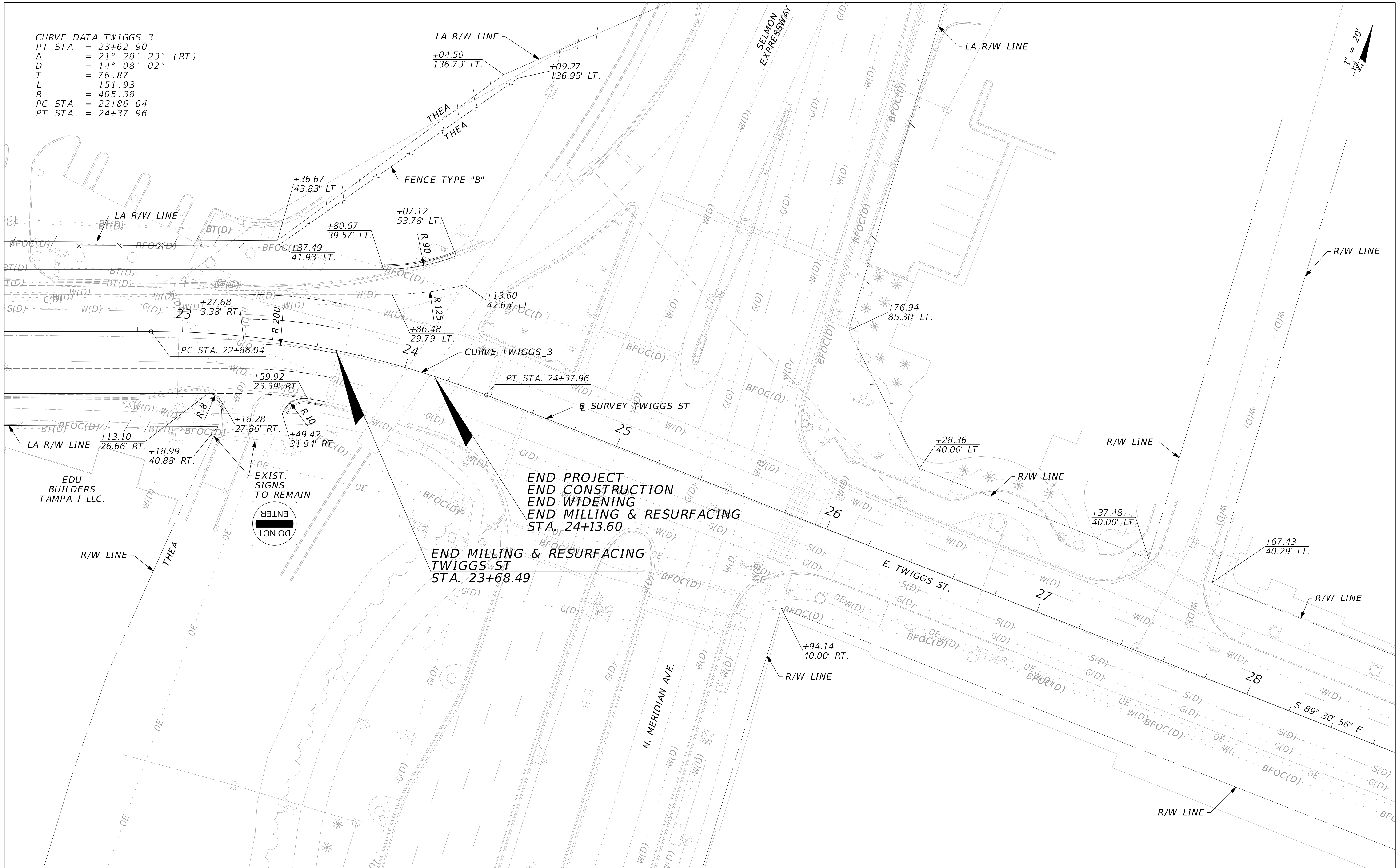
CURVE DATA SR45\_3  
 PI STA. = 106+46.41  
 $\Delta$  = 21° 30' 38" (RT)  
 D = 24° 23' 33"  
 T = 44.62  
 L = 88.18  
 R = 234.89  
 PC STA. = 106+01.79  
 PT STA. = 106+89.98



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REVISIONS				HNTB CORPORATION 201 N. FRANKLIN STREET, SUITE 1200 TAMPA, FL 33602 PHONE: (813) 402-4150 CERTIFICATE OF AUTHORIZATION NO. 6500 DOUGLAS J. BURKHART, P.E. NO. 40900	TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY			ROADWAY PLAN (01) TWIGGS ST	SHEET NO. 4
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					TWIGGS ST	HILLSBOROUGH	000918		

CURVE DATA TWIGGS\_3  
 PI STA. = 23+62.90  
 $\Delta$  = 21° 28' 23" (RT)  
 D = 14° 08' 02"  
 T = 76.87  
 L = 151.93  
 R = 405.38  
 PC STA. = 22+86.04  
 PT STA. = 24+37.96



END PROJECT  
 END CONSTRUCTION  
 END WIDENING  
 END MILLING & RESURFACING  
 STA. 24+13.60

END MILLING & RESURFACING  
 TWIGGS ST  
 STA. 23+68.49



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

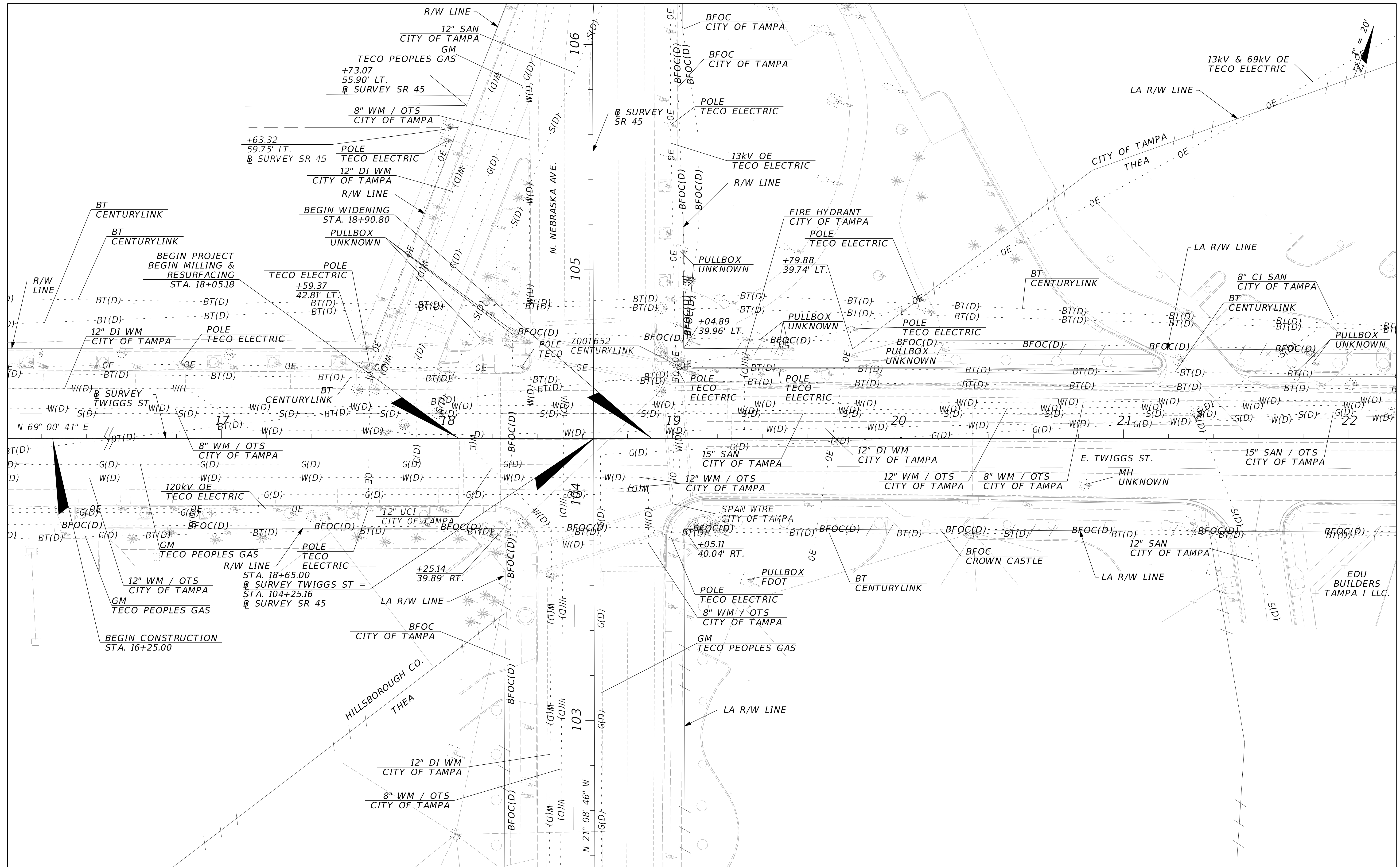
HNTB CORPORATION  
 201 N. FRANKLIN STREET, SUITE 1200  
 TAMPA, FL 33602  
 PHONE: (813) 402-4150  
 CERTIFICATE OF AUTHORIZATION NO. 6500  
 DOUGLAS J. BURKHART, P.E. NO. 40900

TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
TWIGGS ST	HILLSBOROUGH	000918

**ROADWAY PLAN (02)**  
**TWIGGS ST**

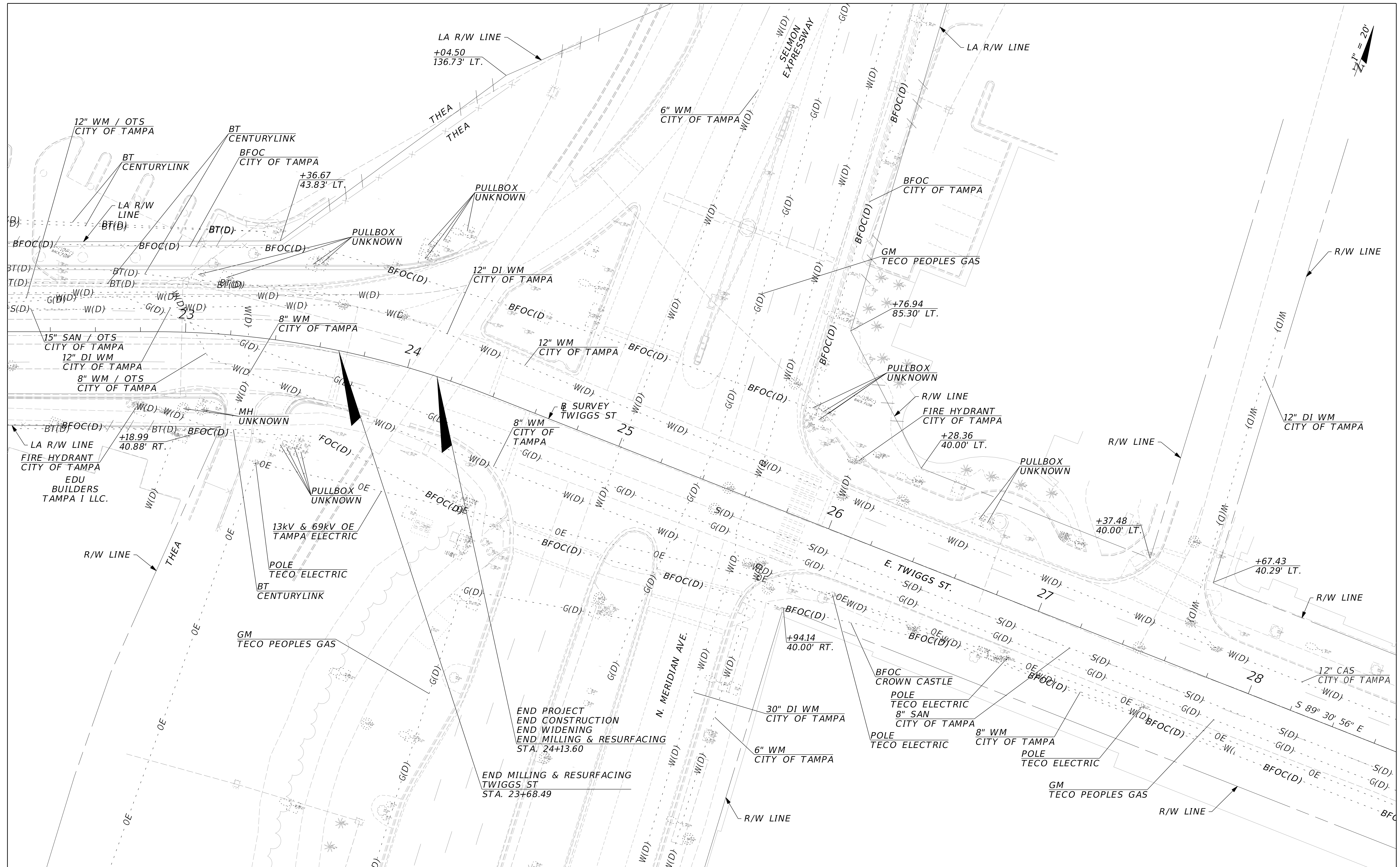
SHEET NO.  
 5

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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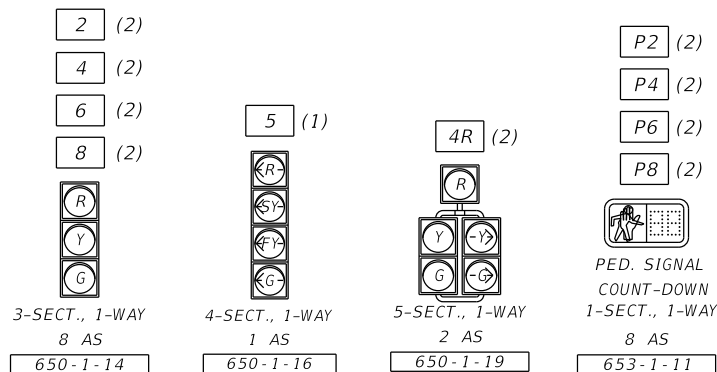
REVISIONS				HNTB CORPORATION 201 N. FRANKLIN STREET, SUITE 1200 TAMPA, FL 33602 PHONE: (813) 402-4150 CERTIFICATE OF AUTHORIZATION NO. 6500 DOUGLAS J. BURKHART, P.E. NO. 40900	TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY			<b>UTILITY ADJUSTMENTS (01)</b>	SHEET NO. 6
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					TWIGGS ST	HILLSBOROUGH	000918		



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REVISIONS				HNTB CORPORATION 201 N. FRANKLIN STREET, SUITE 1200 TAMPA, FL 33602 PHONE: (813) 402-4150 CERTIFICATE OF AUTHORIZATION NO. 6500 DOUGLAS J. BURKHART, P.E. NO. 40900	TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY			<b>UTILITY ADJUSTMENTS (02)</b>	SHEET NO. 7
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					TWIGGS ST	HILLSBOROUGH	000918		

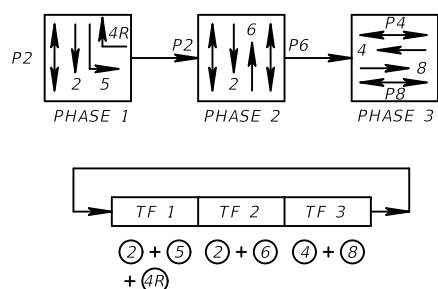
SIGNAL HEAD DETAILS



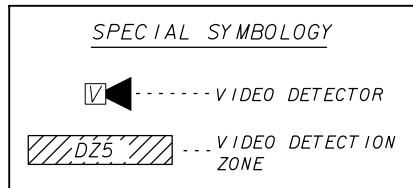
CONTROLLER OPERATION:

1. MAJOR STREET IS NEBRASKA AVE (MOVEMENTS 2, 5 AND 6). MINOR STREET IS TWIGGS ST (MOVEMENTS 4 AND 8).
2. FLASHING OPERATION IS YELLOW FOR NEBRASKA AVE AND RED FOR TWIGGS ST. WHEN SIGNAL IS IN FLASHING MODE, MOVEMENTS 2 AND 6 SHALL FLASH YELLOW. ALL OTHER VEHICLE MOVEMENTS SHALL FLASH RED.
3. EACH LEFT TURN MOVEMENT SHALL HAVE CONDUCTORS AVAILABLE FOR PROTECTED AND PERMISSIVE OPERATION.
4. MOVEMENT 5 WILL OPERATE IN PROTECTED/PERMISSIVE MODE.
5. SIGNAL TIMINGS TO BE ADJUSTED BY ENGINEER OF RECORD.
6. CONTROLLER SHALL OPERATE AS AN SOP 11 (MODIFIED).

S.O.P. 11 MODIFIED

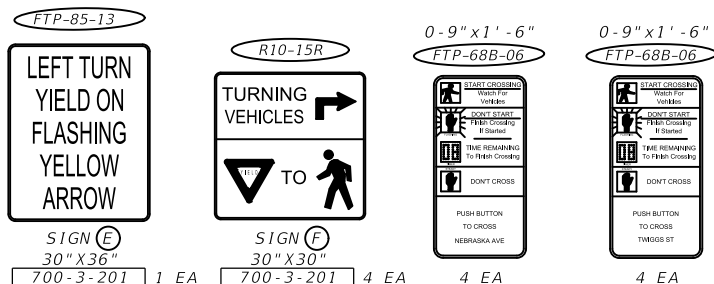


CONTROLLER TIMINGS								
TIMING FUNCTION	1	2	3	4	5	6	7	8
MOVEMENT NUMBER	1	2	3	4	5	6	7	8
MINIMUM GREEN								
EXTENSION								
MAXIMUM GREEN 1								
MAXIMUM GREEN 2								
YELLOW CLEARANCE								
ALL RED								
PEDESTRIAN WALK								
PED. CLEARANCE								
RECALL								

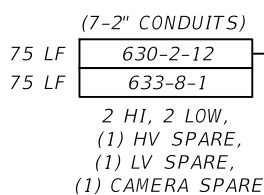
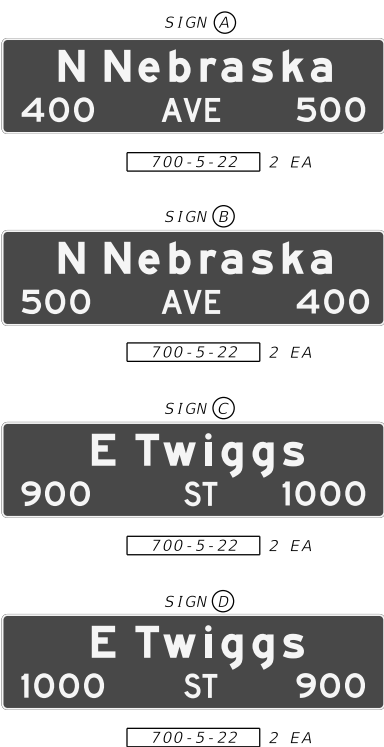


VIDEO DETECTOR CHART		
VIDEO DETECTOR	DETECTION ZONE	DELAY TIME (SECS)
VD 2	DZ 2	
	DZ 5	
VD 4	DZ 4	
	DZ 4R	5
VD 6	DZ 6	
VD 8	DZ 8	

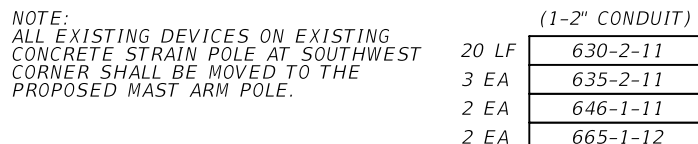
NOTE: ALL EXISTING DEVICES ON EXISTING CONCRETE STRAIN POLE AT SOUTHWEST CORNER SHALL BE MOVED TO THE PROPOSED MAST ARM POLE.



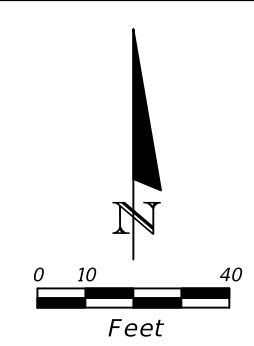
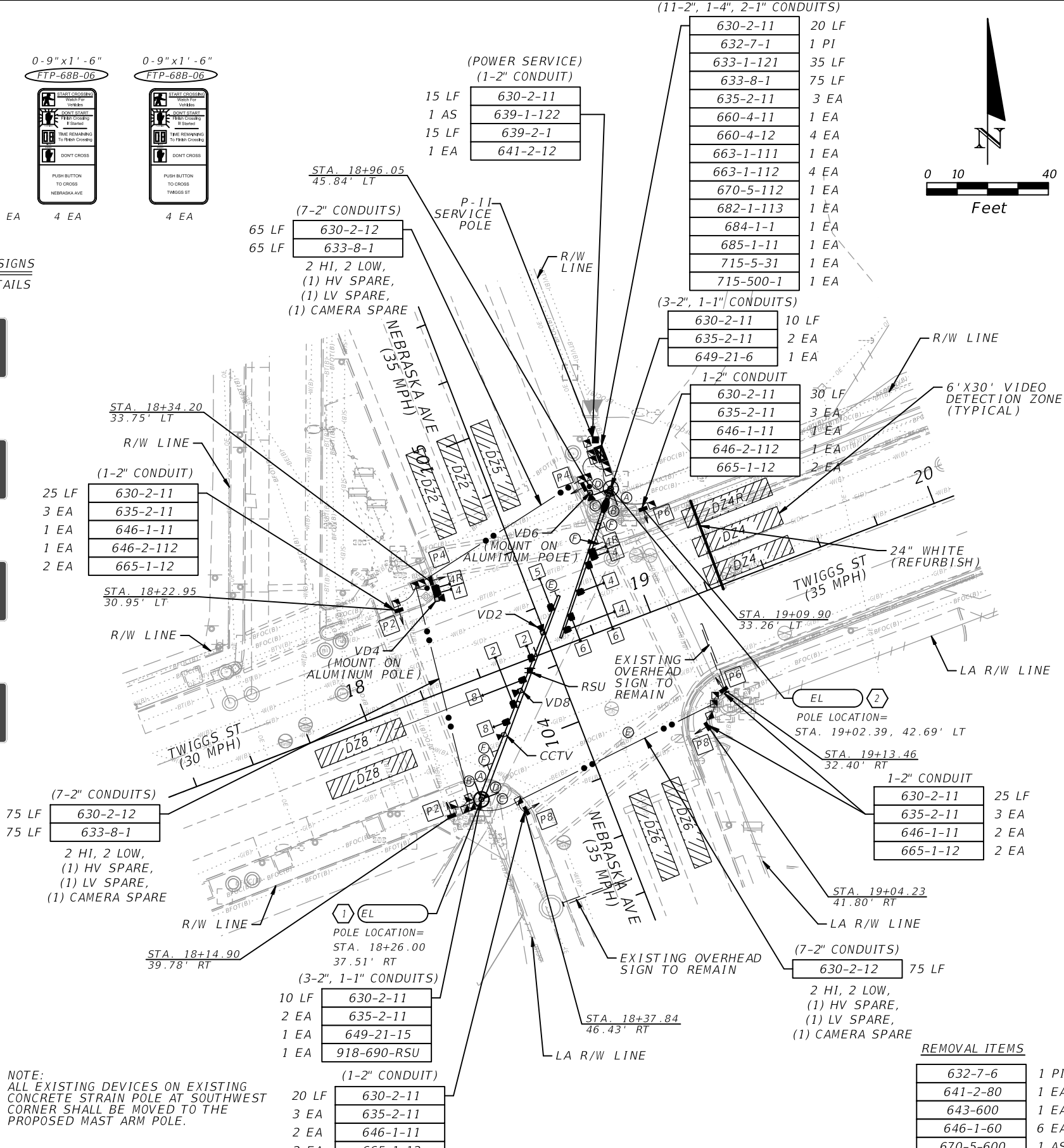
INTERNALLY ILLUMINATED DUAL FACED SIGNS  
SEE GUIDE SIGN WORK SHEET FOR DETAILS

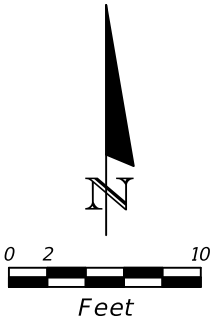


NOTE: ALL EXISTING DEVICES ON EXISTING CONCRETE STRAIN POLE AT SOUTHWEST CORNER SHALL BE MOVED TO THE PROPOSED MAST ARM POLE.

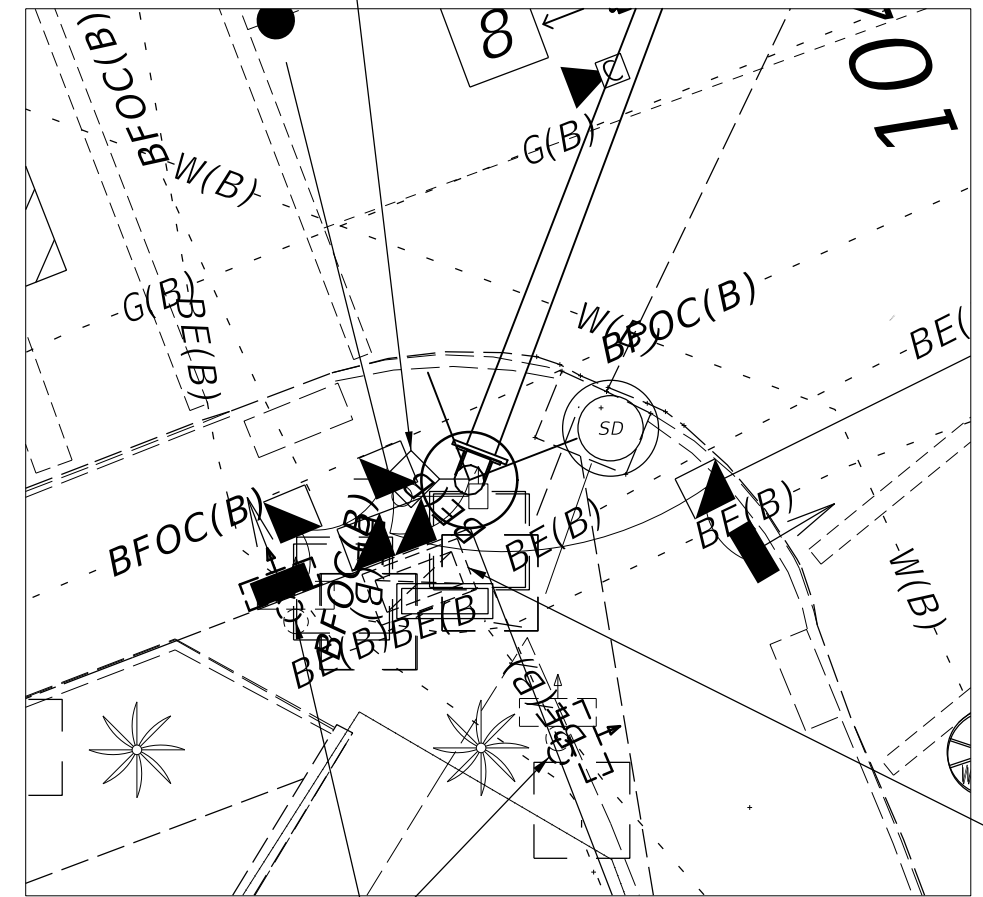


TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY		TWIGGS ST AT NEBRASKA AVE		SHEET NO. 1
ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
	HILLSBOROUGH			





EXIST. SIGNAL POLE  
TO BE REMOVED

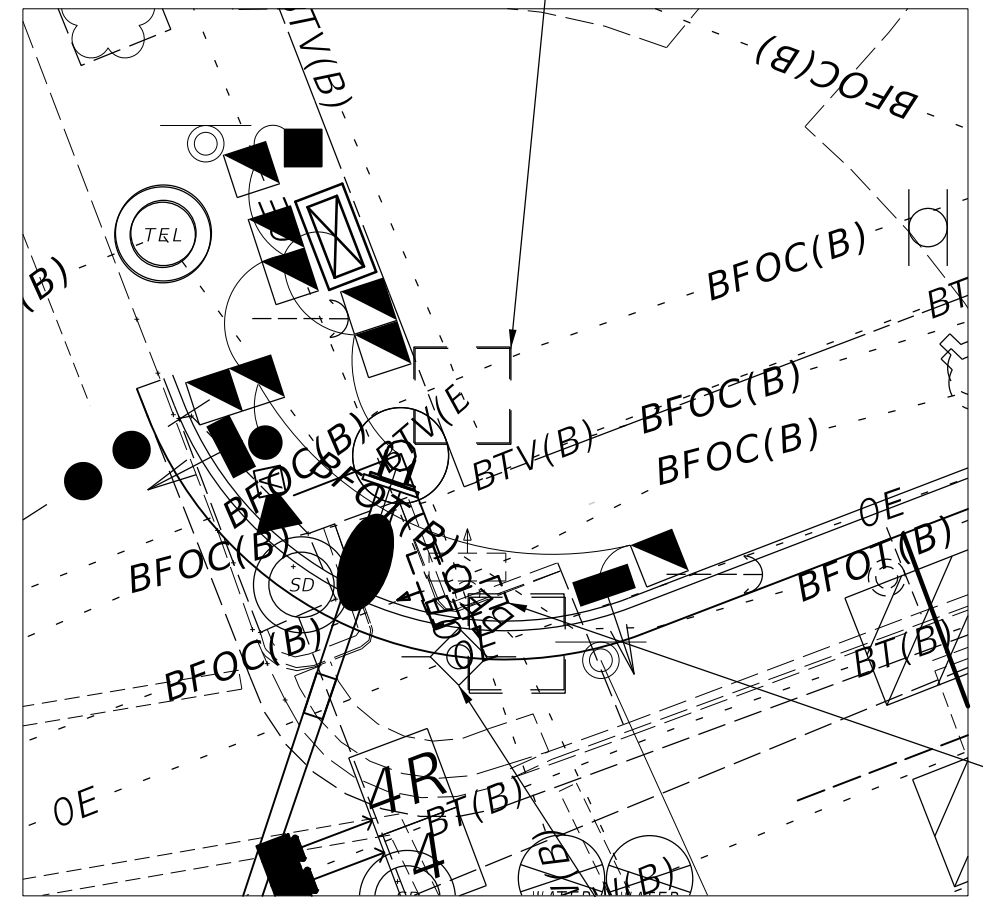


EXIST. PED POLES  
TO BE REMOVED

POLE 1 (SW CORNER)

EXIST. CONTROLLER  
CABINET TO BE  
REMOVED

EXIST. FIBER OPTICS  
PULL BOX TO BE  
RELOCATED



EXIST. PED POLE  
TO BE REMOVED

EXIST. WOODEN SIGNAL  
POLE TO BE REMOVED

POLE 2 (NE CORNER)

REVISIONS				TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY			TWIGGS ST AT NEBRASKA AVE SIGNAL DETAIL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					HILLSBOROUGH			2