



City of Tampa

Jane Castor, Mayor

Contract Administration
Michael W. Chucran, Director

306 East Jackson Street, 4N
Tampa, FL 33602

Office (813) 274-8116

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ADDENDUM 2

Via E-Mail

DATE: June 22, 2020

Contract 19-C-00019 E/W Green Spine - PH 3A Nuccio Pkwy from Nebraska Ave to 7th Ave

Bidders on the above referenced project are hereby notified that the following addendum is made to the Contract Documents. BIDS TO BE SUBMITTED SHALL CONFORM TO THIS NOTICE.

Item 1: Replace proposal pages P-2 and P-3 with the attached proposal pages P-2R and P-3R.

Item 2: Replace the Roadway plans with the attached Roadway plans.

Item 3: Attached are responses to RFIs.

Item 4: Attached are pavement cores.

All other provisions of the Contract Documents and Specifications not in conflict with this Addendum shall remain in full force and effect. Questions are to be e-mailed to ContractAdministration@tampagov.net.

Jim Greiner

Jim Greiner, P.E., Contract Management Supervisor

**Green Spine – PH 3A Nuccio Pkwy from Nebraska Ave to 7th Ave
City of Tampa-Hillsborough County
FPID 439476-2-58-01/City Project No. 19-C-00019**



ITEM	DESCRIPTION	QUANTI	UNI	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL COMPUTED COST
ROADWAY						
0110 1 1	CLEARING & GRUBBING	1	LS		\$	\$
0285 701	OPTIONAL BASE, BASE GROUP - 01	358	SY		\$	\$
0285 707	OPTIONAL BASE, BASE GROUP - 07	1542	SY			
0327 70 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	12560	SY		\$	\$
0334 1 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	160	TN		\$	\$
0337 7 81	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC B, FC-12.5	1200	TN		\$	\$
0400 0 11	CONCRETE CLASS NS, GRAVITY WALL	3	CY		\$	\$
0104 10 3	SEDIMENT BARRIER	2230	LF		\$	\$
0104 18	INLET PROTECTION SYSTEM	7	EA		\$	\$
0110 4 10	REMOVAL OF EXISTING CONCRETE	610	SY		\$	\$
0120 1	REGULAR EXCAVATION	5500	CY		\$	\$
0160 4	TYPE B STABILIZATION	2550	SY		\$	\$
0120 6	EMBANKMENT	3000	CY		\$	\$
0515 2311	PEDESTRIAN/BICYCLE RAILING, ALUMINUM ONLY, 42" TYPE 1	10	LF		\$	\$
0520 1 7	CONCRETE CURB & GUTTER, TYPE E	1950	LF		\$	\$
0520 1 10	CONCRETE CURB & GUTTER, TYPE F	575	LF		\$	\$
520 2 4	CONCRETE CURB, TYPE D	115	LF		\$	\$
526 1A	RED BRICK PAVERS, FURNISH AND INSTALL	32	SY		\$	\$
526 1B	RED BRICK PAVERS, INSTALL	32	SY			
0520 70	CONCRETE TRAFFIC SEPARATOR, SPECIAL-VARIABLE WIDTH	740	SY		\$	\$
0527 2	DETECTABLE WARNINGS	45	SF		\$	\$
0522 1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	1550	SY		\$	\$
0570 1 2	PERFORMANCE TURF, SOD	7500	SY		\$	\$
					Subtotal	\$
SIGNALIZATION						
0630 2 12	CONDUIT, F&I, DIRECTIONAL BORE	505	LF		\$	\$
0632 7 2	SIGNAL CABLE, -REPAIR/REPLACE/OTHER, FURNISH & INSTALL	330	LF		\$	\$
0635 2 11	PULL & SPLICE BOX, F&I, 13"x 24" COVER SIZE	7	EA		\$	\$
0646 1 11	ALUMINUM SIGNALS POLE, PEDESTAL	4	EA		\$	\$
0650 1 14	VEHICULAR TRAFFIC SIGNAL, F&I ALUMINUM, 3 SECTION 1 WAY	8	AS		\$	\$
0670 5400	TRAFFIC CONTROLLER ASSEMBLY, MODIFY	2	AS		\$	\$
0650 1 70	VEHICULAR TRAFFIC SIGNAL, RELOCATE-INCLUDES REMOVAL AND REINSTALLATION	1	AS			
0630 2 11	CONDUIT, F&I, OPEN TRENCH	28	LF		\$	\$
					Subtotal	\$
SIGNING & PAVEMENT MARKING						
0523 1 3	PATTERNED PAVEMENT, VEHICULAR AREAS - GREEN BIKE LANE	94	SY		\$	\$
0654 2 21	RECTANGULAR RAPID FLASHING BEACON, FURNISH & INSTALL- SOLAR POWERED, COMPLETE SIGN ASSEMBLY- SINGLE DIRECTION	4	AS		\$	\$
0700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	23	AS		\$	\$
0700 1 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	6	AS		\$	\$
700 1 18	SINGLE POST SIGN, F&I GROUND MOUNT, IN-STREET FLEXIBLE POST SIGN	8	AS		\$	\$
0700 1 50	SINGLE POST SIGN, RELOCATE	3	AS		\$	\$
0700 1 60	SINGLE POST SIGN, REMOVE	9	AS		\$	\$

Green Spine – PH 3A Nuccio Pkwy from Nebraska Ave to 7th Ave
City of Tampa-Hillsborough County
FPID 439476-2-58-01/City Project No. 19-C-00019

ITEM	DESCRIPTION	QUANTI	UNI	UNIT PRICE IN WORDS	UNIT PRICE	TOTAL COMPUTED COST
0705 11 1	DELINEATOR, FLEXIBLE TUBULAR	1	EA		\$	\$
0705 11 3	DELINEATOR, FLEXIBLE HIGH VISIABILITY MEDIAN	11	EA		\$	\$
0710 90	PAINTED PAVEMENT MARKINGS - FINAL SURFACE	1	LS		\$	\$
0700 3502	SIGN PANEL, RELOCATE, 12-20 SF	2	EA			
0711 11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	752	LF		\$	\$
0711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	805	LF		\$	\$
0711 11141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	0.177	GM		\$	\$
0711 11160	THERMO., STD., WHITE MESSAGE OR SYMBOL	16	EA		\$	\$
0711 11170	THERMO., STD., WHITE ARROWS	30	EA		\$	\$
0711 11224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRONS	8	LF		\$	\$
0711 11241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	0.167	GM		\$	\$
0711 14125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	881	LF		\$	\$
0711 14160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	16	EA		\$	\$
0711 16101	THERMOPLASTIC, STANDARD, OTHER SURFACES, WHITE, SOLID, 6"	0.819	GM		\$	\$
0711 16102	THERMOPLASTIC, STANDARD, OTHER SURFACES, WHITE, SOLID, 8"	0.042	GM		\$	\$
0711 16133	THERMOPLASTIC, STANDARD OTHER SURFACES, WHITE, SKIP, 12" TO TOLL PLAZA OR 3-9 LANE DR	0.636	GM		\$	\$
0711 16201	THERMOPLASTIC, STANDARD, OTHER SURFACES, YELLOW, SOLID, 6"	1.172	GM		\$	\$
					Subtotal	\$
LANDSCAPE & PERIPHERALS						
0580 1 2	LANDSCAPE COMPLETE-LARGE PLANTS	1	LS		\$	\$
SP-13.03	IRRIGATION	1	LS		\$	\$
					Subtotal	\$
UTILITY PLANS						
9910	ADJUST VALVE BOX (HEIGHT)	2	EA		\$	\$
0425 5	MANHOLE, ADJUST	2	EA		\$	\$
					Subtotal	\$
					Project Subtotal	\$
ADDITIONAL COSTS						
101-1	MOBILIZATION	1	LS		\$	\$
102-1	MAINTENANCE OF TRAFFIC	1	LS		\$	\$
999-25	INITIAL CONTINGENCY	1	LS	Fifty Thousand Dollars and No Cents	\$ 50,000.00	\$ 50,000.00
					Project Total	\$

CITY OF TAMPA TRANSPORTATION AND STORMWATER SERVICES DEPARTMENT

COMPONENTS OF CONTRACT PLANS SET
ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS
SIGNAL PLANS
LANDSCAPE PLANS

CONTRACT PLANS

FINANCIAL PROJECT ID 439476-2-58-01
(FEDERAL FUNDS)

E/W GREEN SPINE CYCLE TRACK - PH 3A FROM
N NEBRASKA AVE. TO 7TH AVE

INDEX OF ROADWAY PLANS

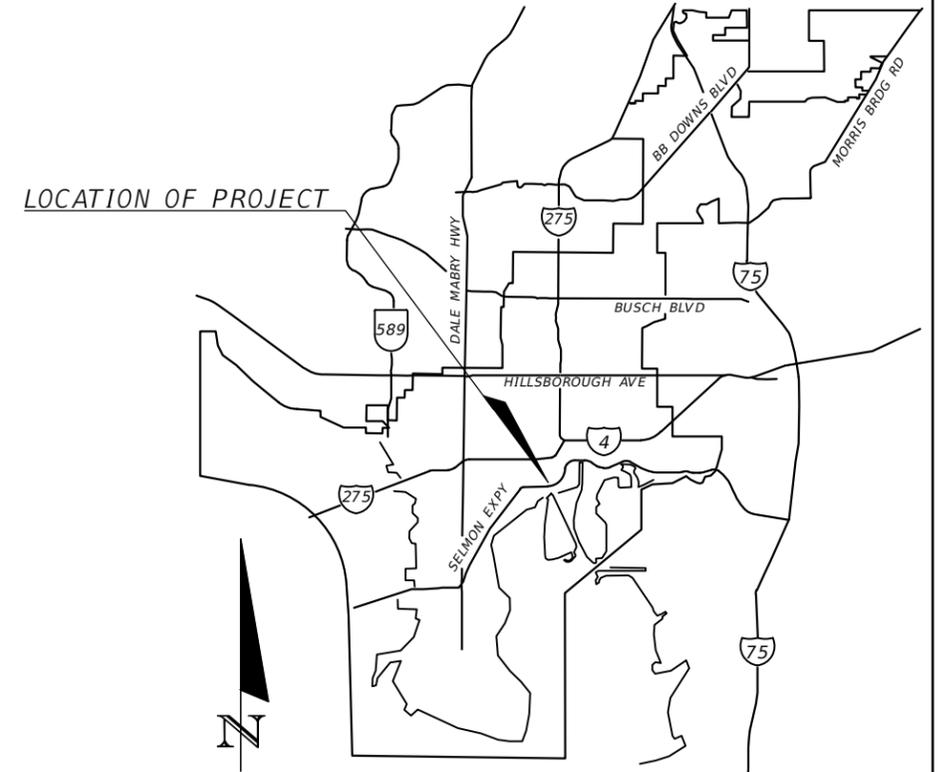
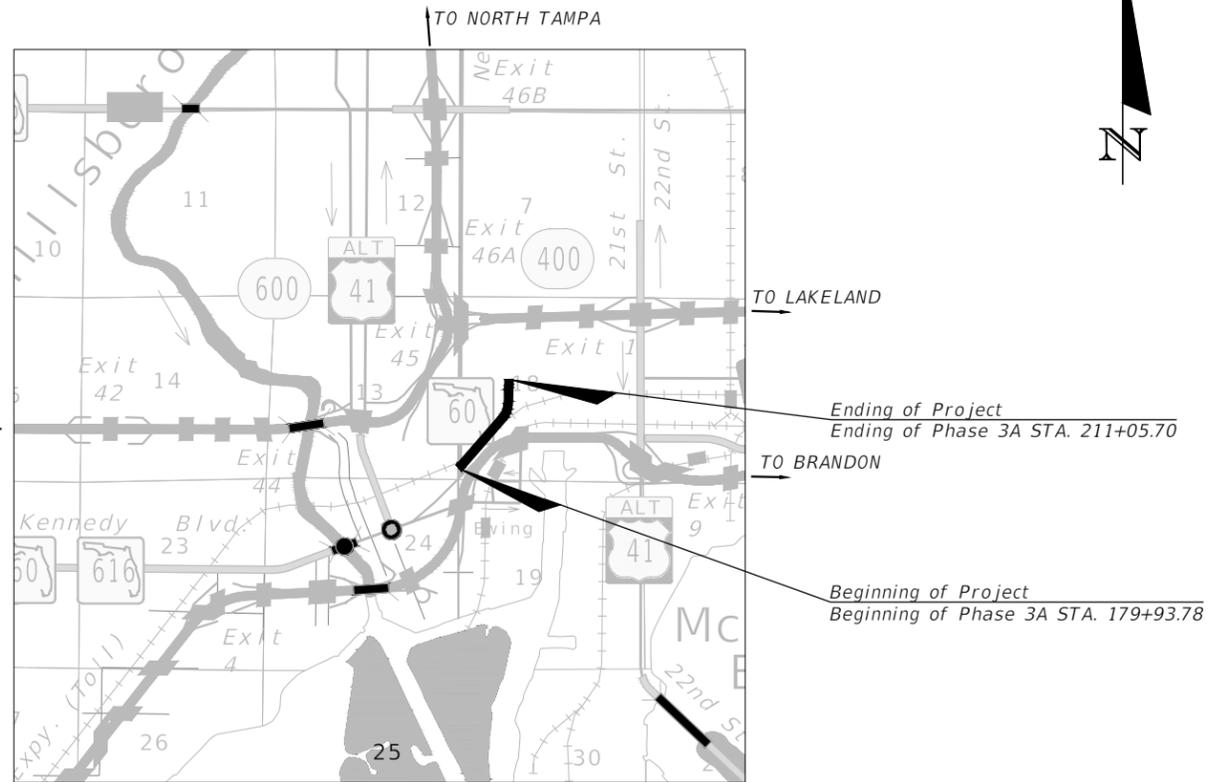
SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	SUMMARY OF PAY ITEMS
4-6	TYPICAL SECTIONS
7	GENERAL NOTES
8	CURVE DATA TABLE & BENCHMARK TABLE
9	PROJECT LAYOUT
10-12	ROADWAY PLANS
13	SPECIAL DETAILS
14	INTERSECTION DETAILS
15-16	TRAFFIC CONTROL PLAN
17	EROSION CONTROL PLAN
18-19	STORMWATER POLLUTION PREVENTION PLAN
20-22	UTILITY ADJUSTMENT SHEETS

REVISIONS:

⚠ Roadway Plans 3, 4, 5, 6, 7, 12, and 13 (Revised 6/16/20)

GOVERNING STANDARD PLANS:
FLORIDA DEPARTMENT OF TRANSPORTATION,
FY2019-20 DESIGN STANDARDS EBOOK (DSEB) AND
APPLICABLE DESIGN STANDARDS REVISIONS (DSRS)
AT THE FOLLOWING WEBSITE:
<http://www.fdot.gov/roadway/DesignStandards/Standards.shtm>

GOVERNING STANDARD SPECIFICATIONS:
CITY OF TAMPA AND FLORIDA DEPARTMENT OF
TRANSPORTATION, JANUARY 2020 DIVISION II AND III
AT THE FOLLOWING WEBSITE:
<http://www.fdot.gov/programmanagement/Implemented/SpecBooks>



KEY SHEET REVISIONS	
DATE	DESCRIPTION
6/16/2020	Revision 01 per Bid Addendum 1

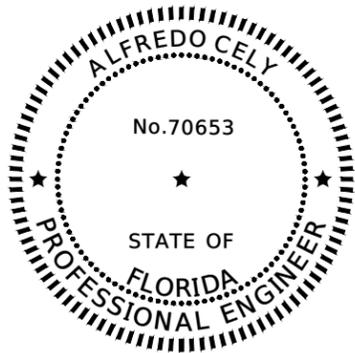
ENGINEER OF RECORD:

ALFREDO CELY, P.E.
P.E. NO.: 70653
COMPANY NAME: KISINGER CAMPO
& ASSOCIATES CORP.
201 N FRANKLIN STREET, SUITE
400
TAMPA, FL, 33602
(813) 871-5331
CONTRACT NO.: 17-D-00022
VENDOR NO.: 59-1677145
CERTIFICATE OF AUTHORIZATION
NO.: 02317

CITY OF TAMPA PROJECT MANAGER:
NINA S. MABILLEAU E.I.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
.....	2020	1

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Luis A Cely
2020.06.19 10:02:05 -04'00'
ON THE DATE ADJACENT TO THE SEAL

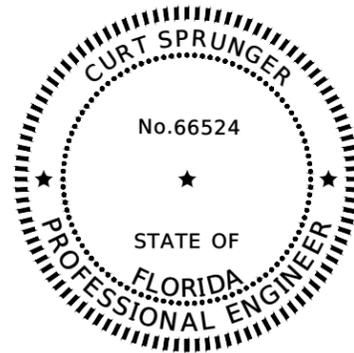
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201 N FRANKLIN ST, SUITE 400,
TAMPA, FL 33602
FLORIDA CERTIFICATE OF AUTHORIZATION
NO. 02317
ALFREDO CELY, P.E. NO. 70653

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

PLAN INDEX

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	SUMMARY OF PAY ITEMS
4-6	TYPICAL SECTIONS
7	GENERAL NOTES
8	CURVE DATA TABLE & BENCHMARK TABLE
9	PROJECT LAYOUT
10-12	ROADWAY PLANS
13	SPECIAL DETAILS
14	INTERSECTION DETAILS
15-16	TRAFFIC CONTROL PLAN
20-22	UTILITY ADJUSTMENT SHEETS



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Curtis Sprunger
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FLORIDA CERTIFICATE OF AUTHORIZATION
NO. 02317
CURT SPRUNGER, P.E. NO. 66524

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

PLAN INDEX

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
17	EROSION CONTROL PLAN
18-19	STORMWATER POLLUTION PREVENTION PLAN

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

KISINGER CAMPO & ASSOCIATES CORP.
201 N FRANKLIN ST, SUITE 400,
TAMPA, FL 33602
FLORIDA CERTIFICATE OF AUTHORIZATION
NO. 02317
ENGINEER OF RECORD: ALFREDO CELY, P.E.
P.E. NO: 70653

CITY OF TAMPA TRANSPORTATION AND STORMWATER SERVICES DEPARTMENT

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
OFF-SYS	HILLSBOROUGH	439476-2-58-01

SIGNATURE SHEET

SHEET NO.
2

PHASE 3A - NUCCIO PKWY FROM NEBRASKA AVE TO 7TH AVE

CITY OF TAMPA						
SUMMARY OF PAY ITEMS						
LEAD PROJECT	439476-1-58-01	DISTRICT: D7			COUNTY /SECTION N:	
PROJECT	43947615801	COUNTY: HILLSBOROUGH				
SUMMARY OF ROADWAY						
SPC	ALT	PAY ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	
		101 1	MOBILIZATION	LS	1	
		102 1	MAINTENANCE OF TRAFFIC	LS	1	
		104 10 3	SEDIMENT BARRIER	LF	2,230	
		104 18	INLET PROTECTION SYSTEM	EA	7	
		110 1 1	CLEARING AND GRUBBING	LS	1	
		110 4 10	REMOVAL OF EXIST CONC	SY	610	
		120 1	REGULAR EXCAVATION	CY	5,500	
		120 6	EMBANKMENT	CY	3,000	
		160 4	TYPE B STABILIZATION	SY	2,550	
		285 701	OPTIONAL BASE,BASE GROUP 01	SY	358	
		285 707	OPTIONAL BASE GROUP 07	SY	1,542	
		327 70 6	MILLING EXIST ASPH PAVT, 1.5" AVG DEPTH	SY	12,560	
		334 1 53	SUPERPAVE ASPH CONC, TRAF C, PG 76-22	TN	160	
		337 7 83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	TN	1,200	
		400 0 11	CONC CLASS NS, GRAVITY WALL	CY	3	
		425 5	MANHOLE, ADJUST	EA	2	
		515 2 311	PED/BICYCLE RAILING, ALUM,42" TYPE 1	LF	10	
		520 1 7	CONCRETE CURB & GUTTER, TYPE E	LF	1,950	
		520 1 10	CONCRETE CURB & GUTTER, TYPE F	LF	575	
		520 2 4	CONCRETE CURB, TYPE D	LF	115	
		520 70	CONCRETE TRAFFIC SEPARATOR, SP- VAR WIDT	SY	740	
		522 1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	SY	1,550	
		526 1A	RED BRICK PAVERS, FURNISH AND INSTALL	SY	32	
		526 1B	RED BRICK PAVERS, INSTALL	SY	32	
		527 2	DETECTABLE WARNINGS	SY	45	
		570 1 2	PERFORMANCE TURF, SOD	SY	7,500	
		9910	ADJUST VALVE BOX (HEIGHT)	EA	2	
		999 25	INITIAL CONTINGENCY AMOUNT, DO NOT BID	LS	1	
SUMMARY OF SIGNAL, SIGNING & PAVEMENT MARKINGS, SIGNALIZATION						
SPC	ALT	PAY ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	
		630 2 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	28	
		630 2 12	CONDUIT, F& I, DIRECTIONAL BORE	LF	505	
		632 7 2	SIGNAL CABLE, REPAIR/REPL-FUR & INSTALL	LF	330	

1

1

1

1

1

CITY OF TAMPA						
SUMMARY OF PAY ITEMS						
LEAD PROJECT	439476-1-58-01	DISTRICT: D7			COUNTY /SECTION N:	
PROJECT	43947615801	COUNTY: HILLSBOROUGH				
SUMMARY OF SIGNAL, SIGNING & PAVEMENT MARKINGS, SIGNALIZATION						
SPC	ALT	PAY ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	
		635 2 11	PULL & SPLICE BOX, F&I, 13" x 24"	EA	7	
		646 1 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	4	
		650 1 14	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	8	
		650 1 70	VEHICULAR TRAFFIC SIGNAL, RELOCATE-INCLUDES REMOVAL AND REINSTALLATION	AS	1	
		670 5 400	TRAFFIC CONTROLLER ASSEMBLY, MODIFY	AS	2	
		523 1 3	PETTERED PAVEMENT, INCLUDING GREEN BIKE LANES	SY	94	
		654 2 21	RECTANGULAR RAPID FLASHING BEACON, FURNISH & INSTALL- SOLAR POWERED, COMPLETE SIGN ASSEMBLY- SINGLE DIRECTION	AS	4	
		700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	23	
		700 1 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	6	
		700 1 18	SINGLE POST SIGN, F&I GROUND MOUNT, IN-STREET FLEXIBLE POST SIGN	AS	8	
		700 1 50	SINGLE POST SIGN, RELOCATE	AS	3	
		700 1 60	SINGLE POST SIGN, REMOVE	AS	9	
		700 3 502	SIGN PANEL, RELOCATE, UP TO 12-20 SF	AS	2	
		705 11 1	DELINEATOR, FLEXIBLE TUBULAR	EA	1	
		705 11 3	DELINEATOR, FLEXIBLE HIGH VISABILITY MEDIAN	EA	11	
		710 90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS	1	
		711 11 123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	752	
		711 11 125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	805	
		711 11 141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.177	
		711 11 160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	16	
		711 11 170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	30	
		711 11 224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	8	
		711 11 241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.167	
		711 14 125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	881	
		711 14 160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	16	
		711 16 101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	0.819	
		711 16 102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.042	
		711 16 133	THERMOPLASTIC, STANDARD-OTHER SURFACES WHITE, SKIP, 12"- APPROACH TO TOLL PLAZA OR 3-9 LANE DROP	GM	0.636	
		711 16 201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	1.172	
SUMMARY OF LANDSCAPE PLANS						
SPC	ALT	PAY ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	
		0580 1 2	LANDSCAPE COMPLETE- LARGE PLANTS	LS	1	
		SP-13.03	IRRIGATION	LS	1	

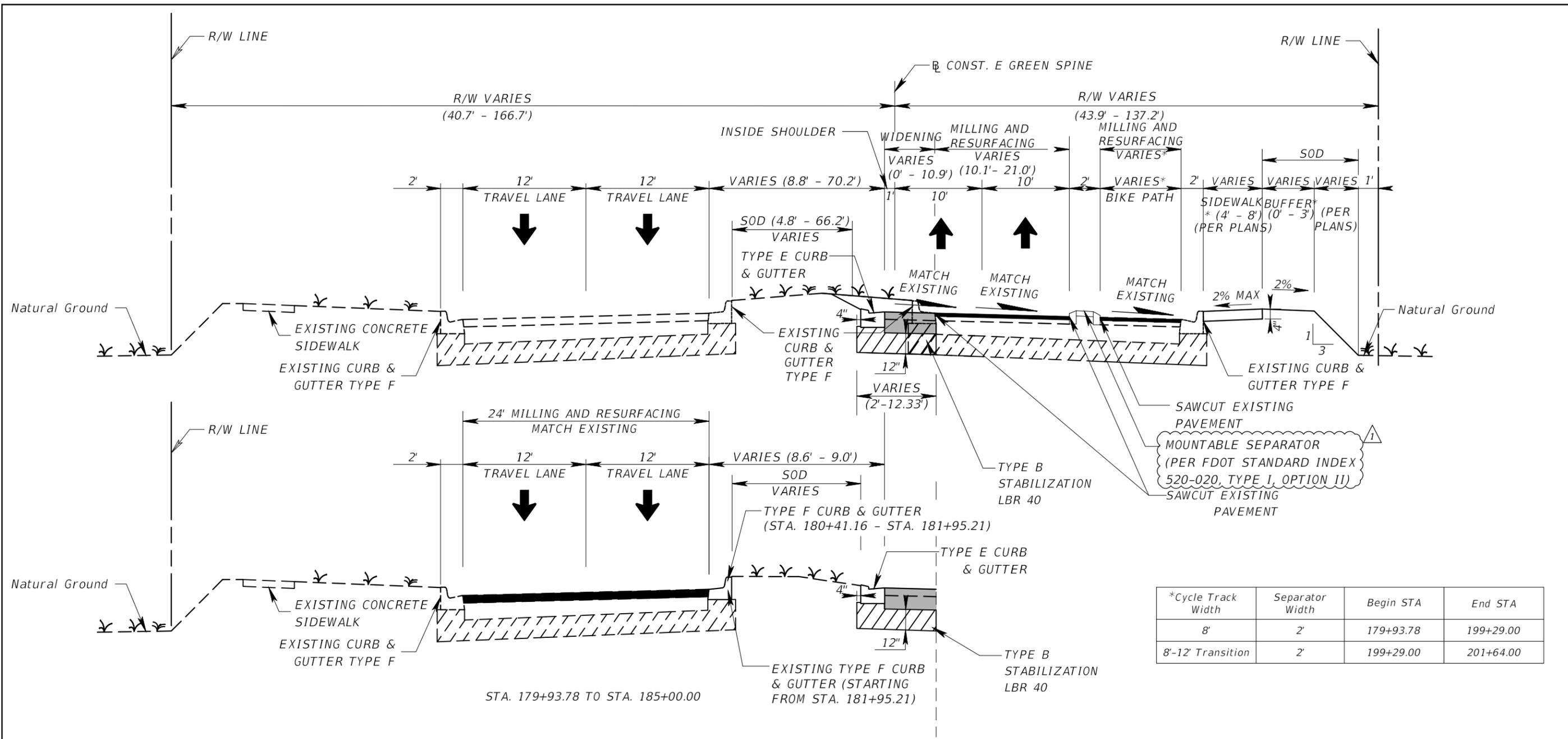
Pay Item Notes:

- 526-1A If the brick pavers are not available from the City, the Contractor will need to provide a sample and have it approved by the City before they are purchased by  the Contractor and installed.
- 0527-2 All detectable warnings are to be the standard ADA 'plastic' mat truncated domes (RED Colored) on concrete ADA ramps. Submit sample of detectable warning material with shop drawing to the City for approval prior to installation.
- 654-2-21 Paint pedestal, pole and back of sign assemblies black (Federal Standard No. 17038). Payment for painting these elements is to be included within this pay item.
- 646-1-11 Paint pedestal, pole and back of sign assemblies black (Federal Standard No. 17038). Payment for painting these elements is to be included within this pay item.
- 700-1-11 Paint pole and back of sign assemblies black (Federal Standard No. 17038). Payment for painting these elements is to be included within this pay item.
- 700-1-12 Paint pole and back of sign assemblies black (Federal Standard No. 17038). Payment for painting these elements is to be included within this pay item.
- 700-1-50 Paint pole and back of sign assemblies black (Federal Standard No. 17038). Payment for painting these elements is to be included within this pay item.

REVISIONS				KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 FLORIDA CERTIFICATE OF AUTHORIZATION NO. 02317 ENGINEER OF RECORD: ALFREDO CELY, P.E. P.E. NO: 70653	CITY OF TAMPA TRANSPORTATION AND STORMWATER SERVICES DEPARTMENT			SHEET NO. 3
DATE	DESCRIPTION	DATE	ROAD NO.		COUNTY	FINANCIAL PROJECT ID		
6/16/20	 REVISED QUANTITY				OFF-SYS	HILLSBOROUGH	439476-2-58-01	

SUMMARY OF PAY ITEMS

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TYPICAL SECTION I
PHASE 3A - NUCCIO PKWY. (NEBRASKA AVE. TO 7TH AVE.)
 STA. 179+93.78 TO STA. 201+85.96

SPECIAL EVENTS NOTE:

FOR THE NORTHBOUND LANES OF NUCCIO PARKWAY, FROM NEBRASKA AVENUE TO 3RD AVE, THERE IS A TOTAL DRIVABLE PAVEMENT WIDTH OF 22.5 FT THAT CAN BE USED DURING SPECIAL EVENTS. THE 22.5 FT WIDTH IS THE COMBINATION OF 21 FT OF ASPHALT PAVEMENT AND 1.5 FT OF TYPE "E" GUTTER.

IN ADDITION, THE CYCLE TRACK TRAFFIC SEPARATOR IS MOUNTABLE, WHICH CAN ALLOW VEHICLES TO RIDE ON THE CYCLE TRACK PAVEMENT DURING SPECIAL EVENTS.

MILL EXISTING ASPHALT PAVEMENT (1.5" AVG. DEPTH)
 FRICTION COURSE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)

INSIDE WIDENING

12" TYPE B STABILIZATION LBR 40
 OPTIONAL BASE GROUP 7 WITH
 STRUCTURAL COURSE TYPE SP (TRAFFIC C) (1.5") (PG 76-22)
 FRICTION COURSE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)

TRAFFIC DATA

CURRENT YEAR	= 2019 AADT = 6,300
ESTIMATED OPENING YEAR	= 2025 AADT = 7,000
ESTIMATED DESIGN YEAR	= 2045 AADT = 9,200
K=9% D=100% T=4.5% (24 HOUR)	
DESIGN HOUR T	= 2.25%
DESIGN SPEED	= 30 MPH

*Cycle Track Width	Separator Width	Begin STA	End STA
8'	2'	179+93.78	199+29.00
8'-12' Transition	2'	199+29.00	201+64.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
6/16/20	1 REVISED MOUNTABLE SEPARATOR		

KISINGER CAMPO & ASSOCIATES CORP.
 201 N FRANKLIN ST, SUITE 400,
 TAMPA, FL 33602
 FLORIDA CERTIFICATE OF AUTHORIZATION
 NO. 02317
 ENGINEER OF RECORD: ALFREDO CELY, P.E.
 P.E. NO: 70653

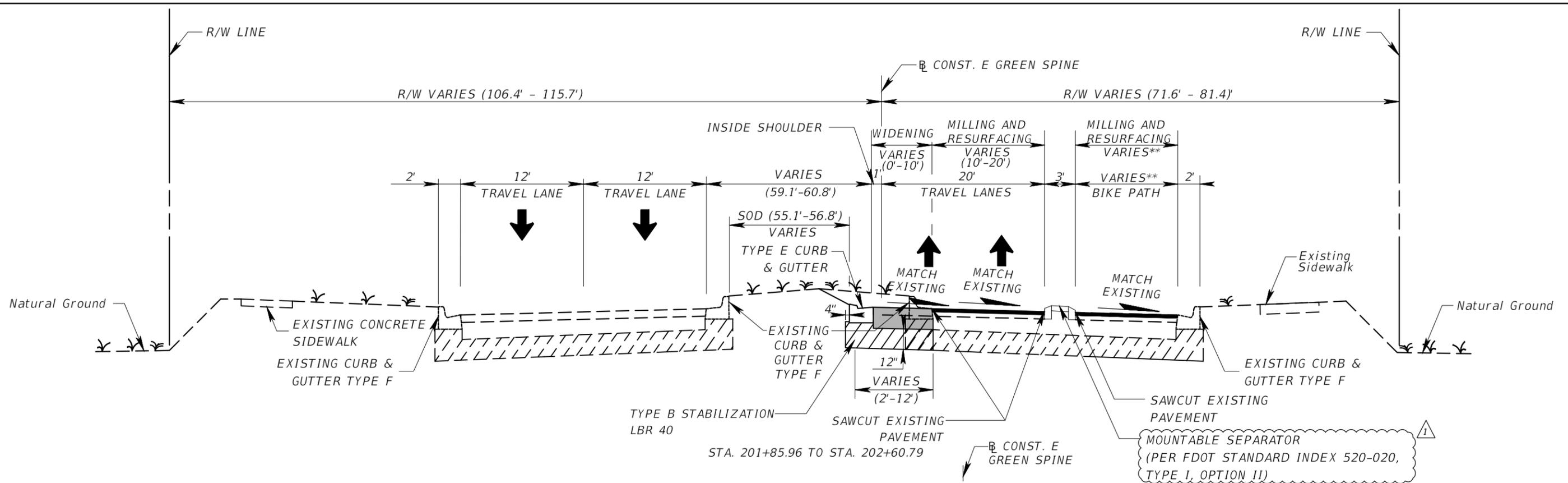
CITY OF TAMPA TRANSPORTATION AND
 STORMWATER SERVICES DEPARTMENT

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
OFF-SYS	HILLSBOROUGH	439476-2-58-01

TYPICAL SECTION - (1)

SHEET NO. 4

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MILL EXISTING ASPHALT PAVEMENT (1.5" AVG. DEPTH)
 FRICTION COURSE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)

INSIDE WIDENING

12" TYPE STABILIZATION LBR 40
 OPTIONAL BASE GROUP 7 WITH
 STRUCTURAL COURSE TYPE (TRAFFIC C) (1.5") (PG 76-22)
 FRICTION COURSE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)

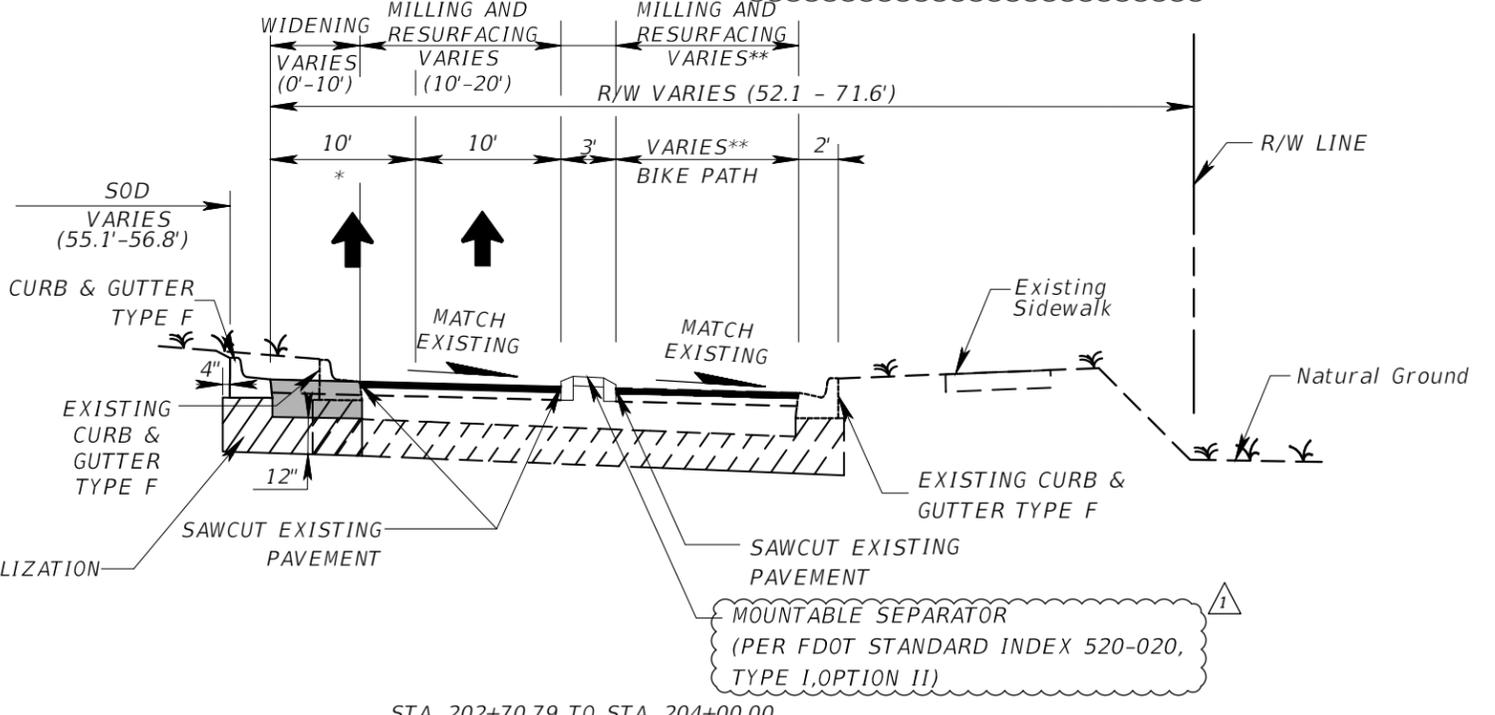
* - TRAFFIC LANE WIDTH TABLE

Sta.	Offset
202+60.79	10.00
203+61.32	10.00
204+00.00	11.13

SPECIAL EVENTS NOTE:
 FOR THE NORTHBOUND LANES OF NUCCIO PARKWAY, FROM NEBRASKA AVENUE TO 3RD AVE, THERE IS A TOTAL DRIVABLE PAVEMENT WIDTH OF 22.5 FT THAT CAN BE USED DURING SPECIAL EVENTS. THE 22.5 FT WIDTH IS THE COMBINATION OF 21 FT OF ASPHALT PAVEMENT AND 1.5FT OF TYPE "E" GUTTER.

IN ADDITION, THE CYCLE TRACK TRAFFIC SEPARATOR IS MOUNTABLE, WHICH CAN ALLOW VEHICLES TO RIDE ON THE CYCLE TRACK PAVEMENT DURING SPECIAL EVENTS.

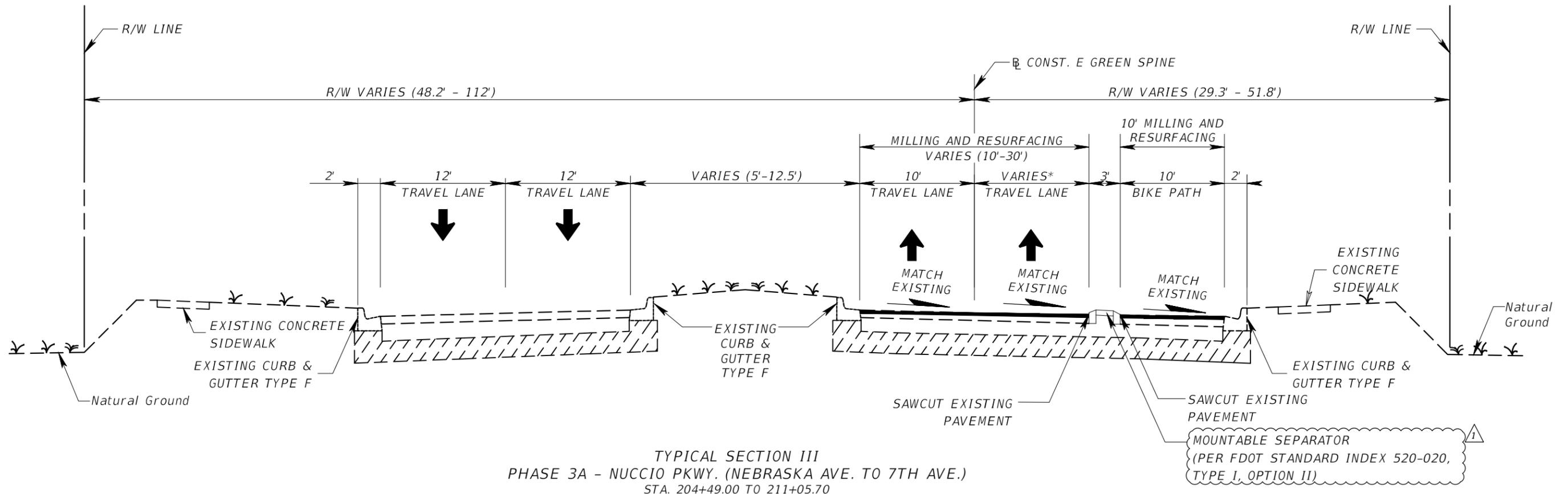
**Cycle Track Width	Separator Width	Begin STA	End STA
12'-10' Transition	3'	202+93.00	204+49.00



TRAFFIC DATA

CURRENT YEAR	= 2019 AADT = 6,300
ESTIMATED OPENING YEAR	= 2025 AADT = 7,000
ESTIMATED DESIGN YEAR	= 2045 AADT = 9,200
K=9% D=100% T=4.5% (24 HOUR)	
DESIGN HOUR T	= 2.25%
DESIGN SPEED	= 30 MPH

REVISIONS				KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 FLORIDA CERTIFICATE OF AUTHORIZATION NO. 02317 ENGINEER OF RECORD: ALFREDO CELY, P.E. P.E. NO: 70653	CITY OF TAMPA TRANSPORTATION AND STORMWATER SERVICES DEPARTMENT			SHEET NO. 5
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
6/16/20	1 REVISIED MOUNTABLE SEPARATOR				OFF-SYS	HILLSBOROUGH	439476-2-58-01	



* - TRAFFIC SEPARATOR
 BASELINE OFFSET TABLE

Sta.	Offset
204+00.00	10.00
208+87.00	10.00
208+93.00	10.20
209+43.00	15.10
209+48.00	16.00
209+66.00	19.10
209+72.00	20.00
210+20.00	20.00

MILL EXISTING ASPHALT PAVEMENT (1.5" AVG. DEPTH)
 FRICTION COURSE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)

TRAFFIC DATA

CURRENT YEAR	= 2019 AADT = 6,300
ESTIMATED OPENING YEAR	= 2025 AADT = 7,000
ESTIMATED DESIGN YEAR	= 2045 AADT = 9,200
K=9% D=100% T=4.5% (24 HOUR)	
DESIGN HOUR T	= 2.25%
DESIGN SPEED	= 30 MPH

REVISIONS				KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 FLORIDA CERTIFICATE OF AUTHORIZATION NO. 02317 ENGINEER OF RECORD: ALFREDO CELY, P.E. P.E. NO: 70653	CITY OF TAMPA TRANSPORTATION AND STORMWATER SERVICES DEPARTMENT			TYPICAL SECTION - (3)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
6/16/20	1 REVISIED MOUNTABLE SEPARATOR				OFF-SYS	HILLSBOROUGH	439476-2-58-01		6

GENERAL NOTES

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
2. ALL SURVEY INFORMATION WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:
CLARENCE WADE, III, PLS
P.L.S. NO.: 4383
CITY OF TAMPA, TRANSPORTATION & STORMWATER SERVICES / SURVEY SECTION
3. EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
4. IF ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, IMMEDIATELY NOTIFY THE ENGINEER IN CONJUNCTION WITH THE CITY SURVEYOR, CLARENCE "LUCKY" WADE (813) 635-3430.
5. PROPOSED CONCRETE SIDEWALK TO BE 4" CONCRETE. SIDEWALK CROSSING DRIVEWAYS TO BE 6" CONCRETE.
6. AREAS DISTURBED OUTSIDE THE PAVEMENT SHALL BE RESTORED TO THEIR ORIGINAL NEW CONDITION. GRASSED AREAS DISTURBED SHALL BE RESTORED WITH PERFORMANCE SOD.
7. MAINTAIN ONE COMPLETE SET OF CONTRACT DOCUMENTS AT THE SITE, THESE DOCUMENTS SHALL INCLUDE BUT NOT BE LIMITED TO CONTRACT DOCUMENTS AND SPECIFICATIONS, AND ANY TECHNICAL OR REFERENCE DOCUMENTS THAT MAY BE RELATIVE. AS THE WORK PROGRESSES RECORD ON ONE SET OF REPRODUCIBLE DRAWINGS ALL CHANGES AND DEVIATIONS FROM THE ORIGINAL PLANS. RECORD THE EXACT LOCATION OF ALL CHANGES IN VERTICAL AND HORIZONTAL ALIGNMENT BY OFFSETS AND TIES TO PERMANENT IMPROVEMENTS SUCH AS STRUCTURES AND CURBS. ALL DEVIATIONS FROM THESE PLANS SHALL BE APPROVED BY THE ENGINEER.
8. ALL WORK AND MATERIALS WHICH DO NOT CONFORM TO THE CITY'S SPECIFICATIONS ARE SUBJECT TO REMOVAL AND REPLACEMENT WITH APPROVED MATERIALS FOR NO ADDITIONAL PAYMENT.
9. ANY WORK PERFORMED WITHOUT THE KNOWLEDGE OF THE CITY IS SUBJECT TO RE-EXCAVATION, REMOVAL AND REPLACEMENT OF SAME TO BE DONE FOR NO ADDITIONAL PAYMENT.
10. PROVIDE SUFFICIENT PERSONNEL AND EQUIPMENT ON THE JOB AT ALL TIMES DURING CONSTRUCTION TO SATISFY THE SPECIFICATIONS AND COMPLETE WORK.
11. VERIFY ALL QUANTITIES SHOWN ON THE PLANS. IF ANY DISCREPANCIES IN QUANTITIES ARE FOUND, NOTIFY THE PROJECT ENGINEER AND THE CITY.
12. ALL REGULATORY AND PERMITTING AGENCIES' REQUIREMENTS SHALL BE COMPLIED WITH.
13. APPROPRIATE TURBIDITY CONTROL DEVICES (E.G. SILT FENCES, SYNTHETIC BALES) WILL BE UTILIZED DURING ALL PHASES OF INSTALLATION AND GRADING. CONTRACTOR IS RESPONSIBLE FOR SUBMITTING THE NOTICE OF INTENT AND NOTICE OF TERMINATION TO THE EPA IN COMPLIANCE WITH THE CITY NPDES PERMIT. CONTRACTOR IS RESPONSIBLE FOR DEVELOPING AND MAINTAINING AN EFFECTIVE STORM WATER POLLUTION PREVENTION PLAN.
14. LOCATIONS, ELEVATIONS, AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS, BUT DO NOT PURPORT TO BE ABSOLUTELY CORRECT. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY AND BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES AFFECTING HIS WORK. ANYTHING NOT SHOWN ON THESE DRAWINGS SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND SHALL NOT CONSTITUTE AN EXTRA, UNLESS APPROVED BY THE ENGINEER.
15. CONTACT THE ENGINEER AND CITY IMMEDIATELY CONCERNING ANY CONFLICTS WITH THE CITY'S UTILITIES/STRUCTURES ARISING DURING CONSTRUCTION OF ANY FACILITIES SHOWN ON THESE DRAWINGS.
16. VERIFY ALL UTILITIES AND PROVIDE AT LEAST 48 HOURS NOTICE TO THE INDIVIDUAL UTILITY AGENCY OWNERS AND CITY PRIOR TO CONSTRUCTION.
17. REPLACE ALL PAVEMENT, CURBS, DRIVEWAYS, SIDEWALKS, FENCES, ETC., WITH THE SAME TYPE OF MATERIAL THAT WAS REMOVED DURING CONSTRUCTION OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL RESTORE ALL AREAS AFFECTED BY THE CONSTRUCTION TO IT'S ORIGINAL CONDITION, OR BETTER.
18. THE INFORMATION PROVIDED IN THESE PLANS IS SOLELY TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF THE CONDITIONS WHICH MAY BE ENCOUNTERED DURING THE COURSE OF WORK. ALL CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT WHATEVER INVESTIGATIONS THEY MAY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSION REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED, AND UPON WHICH THEIR BIDS WILL BE BASED.
19. ALL FRAMES, COVERS, VALVE BOXES, METER BOXES, FIRE HYDRANTS AND MANHOLES SHALL BE ADJUSTED TO FINISHED GRADE UPON COMPLETION OF PAVING OR RELATED CONSTRUCTION. ALL VALVE PADS SHALL BE POURED IN PLACE. NO PRE-FORMED VALVE PADS ALLOWED.

20. EXISTING UTILITIES NOT BEING RELOCATED, ARE TO REMAIN IN SERVICE.
21. THE RAILROAD TRACKS POSITION WAS TRACED FROM AERIALS AND IS APPROXIMATE.
22. CONTRACTOR MUST MAINTAIN ALL VEHICLE DETECTION THROUGHOUT THE ENTIRETY OF THE PROJECT AND UNTIL THE REPLACED DETECTION DEVICES HAVE PASSED INSPECTION 

CONSTRUCTION NOTES

1. USE APPROPRIATE MEASURES TO PREVENT EROSION AND TRANSPORT OF SEDIMENT MATERIAL TO INLETS, SURFACE DRAINS, LAKES, AND WETLANDS. THE CONTRACTOR SHALL USE INLET PROTECTION SYSTEMS AND SEDIMENT BARRIERS OR OTHER APPROPRIATE MEASURES TO PREVENT ADVERSE IMPACTS TO EXISTING SURFACE WATER QUALITY.
2. CHECK ALL EROSION AND SILTATION CONTROL DEVICES AFTER EACH RAINFALL AND REPAIR OR REPLACE THEM AS NEEDED..
3. CHECK ALL FUGITIVE DUST GENERATED BY CONSTRUCTION ACTIVITIES IN THE PROJECT BY WATERING OR OTHER METHODS AS REQUIRED.
4. ALL UNSUITABLE MATERIAL ENCOUNTERED DURING CONSTRUCTION, AS DETERMINED BY THE CITY CONSTRUCTION INSPECTOR, SHALL BE REMOVED AND REPLACED WITH CLEAN FILL.

CONTAMINATION NOTES

BASED ON THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION'S CONTAMINATION LOCATOR MAP, THE FOLLOWING DOCUMENTED CONTAMINATIONS MAY POTENTIALLY ADVERSELY IMPACT THE PROJECT:

1. STEVE'S RADIATORS LOCATED AT 1702 W. CASS STREET - FOLIO NO. 181298.0000 (FDEP FACILITY ID. #9102162 - ACTIVE PETROLEUM CLEANUP)
2. FORMER FLORIDA BREWERY SITE LOCATED AT 1234 E. 5TH/ AVENUE - FOLIO NO. 198684.0000 (FDEP FACILITY ID #9401813 - PENDING PETROLEUM CLEANUP)
3. FORMER SOUTHERN HYDRAULIC SERVICES LOCATED AT 1502 E. CASS STREET - FOLIO NO. 187517.0000 (FACILITY ID #9100548 - ACTIVE PETROLEUM CLEANUP)

STORMWATER NOTES

1. PROPOSED SIDEWALK SHALL NOT IMPEDE HISTORICAL DRAINAGE FLOW PATTERNS.
2. SIGNED AND SEALED AS-BUILT DRAWINGS WITH SURVEYED ELEVATION DATA SHALL BE SUBMITTED TO THE CITY OF TAMPA STORMWATER ENGINEERING SECTION (ATTENTION BARBARA GRAVE).

REVISIONS				KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 FLORIDA CERTIFICATE OF AUTHORIZATION NO. 02317 ENGINEER OF RECORD: ALFREDO CELY, P.E. P.E. NO: 70653	CITY OF TAMPA TRANSPORTATION AND STORMWATER SERVICES DEPARTMENT			SHEET NO. 7
DATE	DESCRIPTION	DATE	ROAD NO.		COUNTY	FINANCIAL PROJECT ID		
6/18/20	 REVISED NOTES				OFF-SYS	HILLSBOROUGH	439476-2-58-01	

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CURVE DATA TABLE

Number	PC STA.	PI STA.	PT STA.	T	D	Δ	SIDE	L	R	PC NORTH.	PC EAST.	PI NORTH.	PI EAST.	PT NORTH.	PT EAST.
C1	180+85.24	181+09.48	181+33.69	24.24	010° 03' 07"	004° 52' 11"	LT.	48.447	570.000	1316052.0484	510567.4040	1316068.9050	510584.8204	1316087.1792	510600.7430
C2	199+25.74	200+97.61	202+60.79	171.87	009° 23' 34"	031° 28' 13"	LT.	335.049	610.000	1317438.3005	511777.9906	1317567.8801	511890.8949	1317737.3425	511919.5444
C3	203+61.32	204+02.99	204+44.48	41.67	011° 01' 06"	009° 09' 45"	LT.	83.156	520.000	1317824.9454	511944.4965	1317866.0291	511951.4421	1317907.6945	511951.7572
C4	207+86.17	208+22.34	208+58.37	36.17	012° 03' 44"	008° 42' 33"	RT.	72.202	475.000	1318249.3720	511954.3413	1318285.5417	511954.6148	1318321.2529	511960.3620
C5	208+86.89	209+16.71	209+46.38	29.81	016° 22' 13"	009° 44' 17"	LT.	59.486	350.000	1318349.4144	511964.8942	1318378.8503	511969.6315	1318408.6633	511969.3216

BENCHMARKS

<u>Benchmark Name</u>	<u>Sta.</u>	<u>Offset</u>	<u>Side</u>	<u>East</u>	<u>North</u>	<u>Elev.</u>	<u>Description</u>
BM501	179+75.85	38.38	Rt.	510 515.487	1 315 948.387	20.43	Nail & Disc stamped "City of Tampa Trans. Div. Survey Control"
BM502	180+71.67	64.27	Lt.	510 512.953	1 316 088.796	20.68	Mag Nail & Disc "City of Tampa TS&S Survey Control"
BM503	184+60.82	31.79	Rt.	510 839.616	1 316 312.934	21.28	Mag Nail & Disc "City of Tampa TS&S Survey Control"
BM504	189+08.25	66.70	Lt.	511 059.288	1 316 714.975	20.90	Mag Nail & Disc "City of Tampa TS&S Survey Control"
BM505	193+77.33	32.04	Rt.	511 441.881	1 317 003.783	22.09	Mag Nail & Disc "City of Tampa TS&S Survey Control"
BM506	198+76.98	76.47	Lt.	511 688.305	1 317 451.777	22.93	Mag Nail & Disc "City of Tampa TS&S Survey Control"
BM507	201+56.99	46.61	Rt.	511 937.617	1 317 621.520	21.14	Mag Nail & Disc "City of Tampa TS&S Survey Control"
BM508	204+16.59	140.27	Lt.	511 810.789	1 317 888.405	24.90	Mag Nail & Disc "City of Tampa TS&S Survey Control"
BM509	207+73.49	34.11	Rt.	511 988.352	1 318 236.436	21.73	Mag Nail & Disc "City of Tampa TS&S Survey Control"
BM510	211+04.51	47.98	Lt.	511 919.966	1 318 566.986	23.69	Mag Nail & Disc "City of Tampa TS&S Survey Control"
BM511	213+00.09	34.74	Rt.	512 003.516	1 318 762.216	25.33	Nail & Disc stamped "City of Tampa Trans. Div. Survey Control"

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

KISINGER CAMPO & ASSOCIATES CORP.
 201 N FRANKLIN ST, SUITE 400,
 TAMPA, FL 33602
 FLORIDA CERTIFICATE OF AUTHORIZATION
 NO. 02317
 ENGINEER OF RECORD: ALFREDO CELY, P.E.
 P.E. NO: 70653

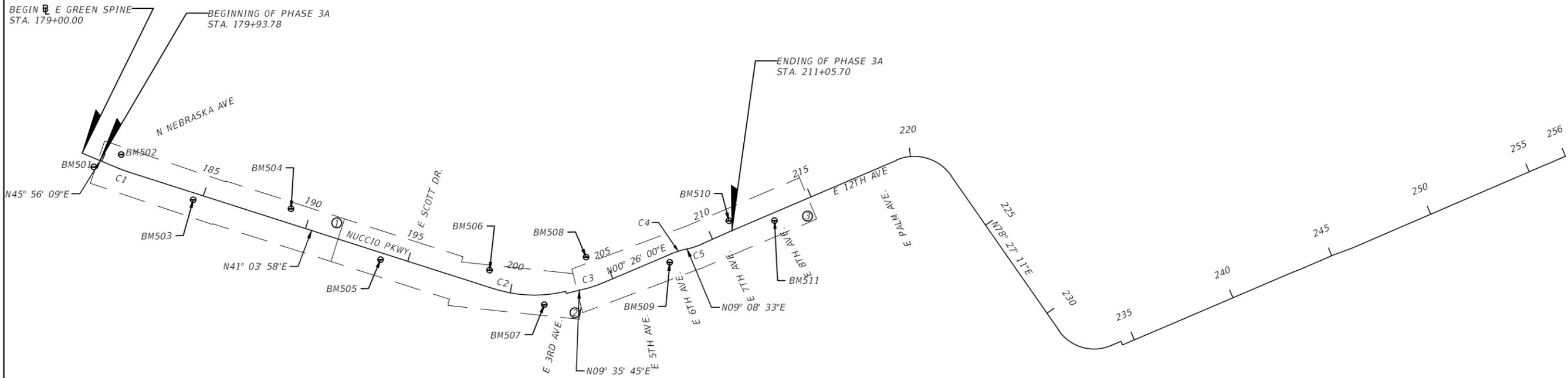
CITY OF TAMPA TRANSPORTATION AND
 STORMWATER SERVICES DEPARTMENT

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
OFF-SYS	HILLSBOROUGH	439476-2-58-01

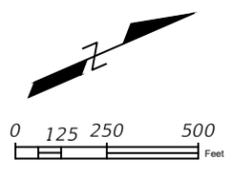
***CURVE DATA TABLE &
 BENCHMARKS TABLE***

SHEET NO.

8

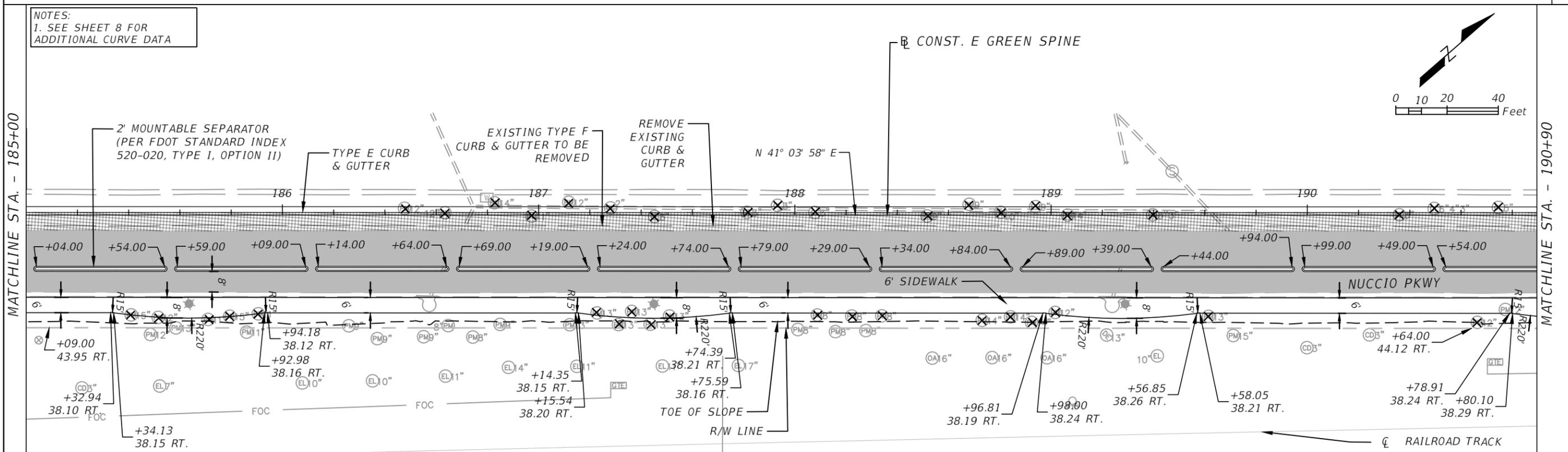
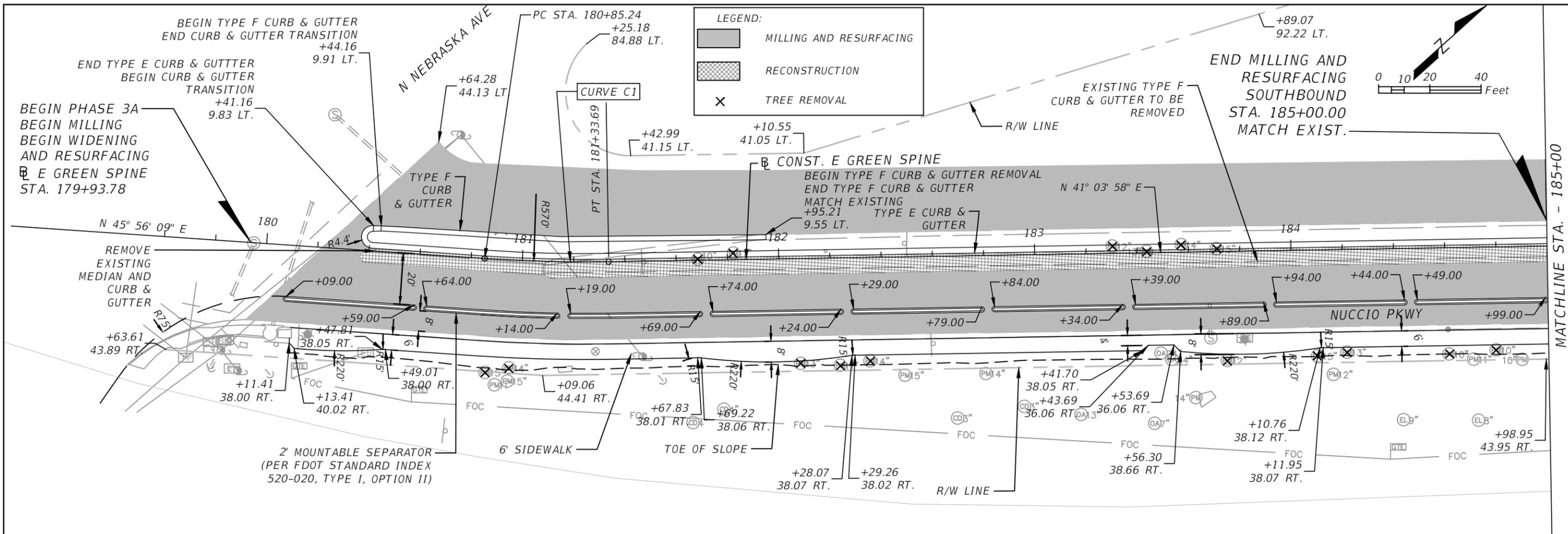


NOTE:
 1. SEE CURVE AND COORDINATE DATA SHEET FOR CURVE INFORMATION



REVISIONS				KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 FLORIDA CERTIFICATE OF AUTHORIZATION NO. 02317 ENGINEER OF RECORD: ALFREDO CELY, P.E. P.E. NO: 70653	CITY OF TAMPA TRANSPORTATION AND STORMWATER SERVICES DEPARTMENT			PROJECT LAYOUT	SHEET NO. 9
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					OFF-SYS	HILLSBOROUGH	439476-2-58-01		

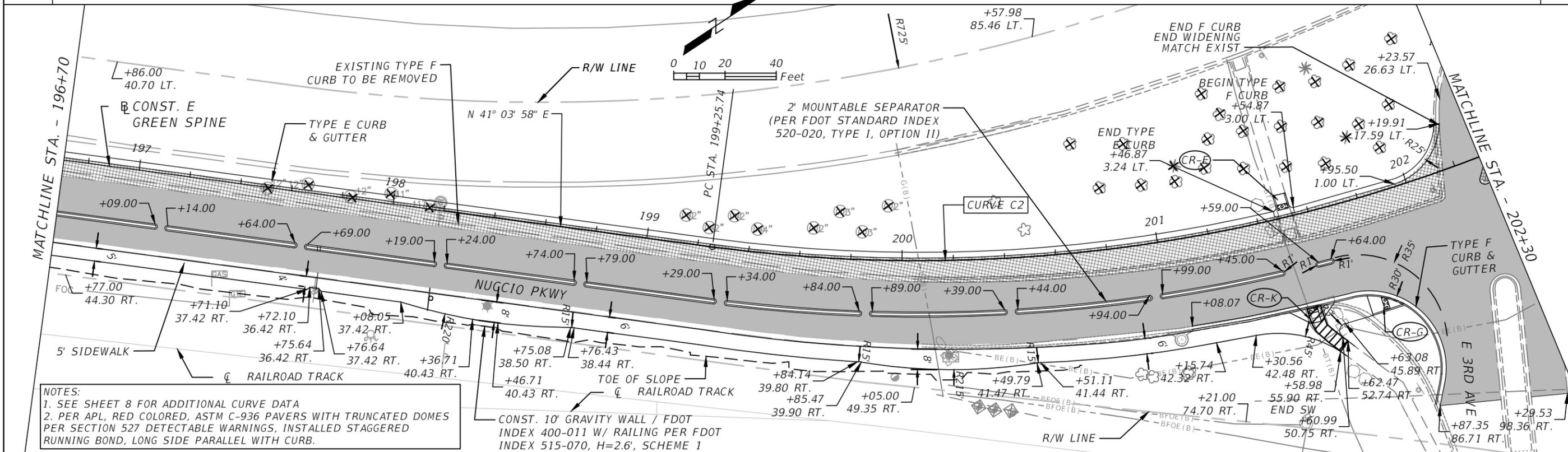
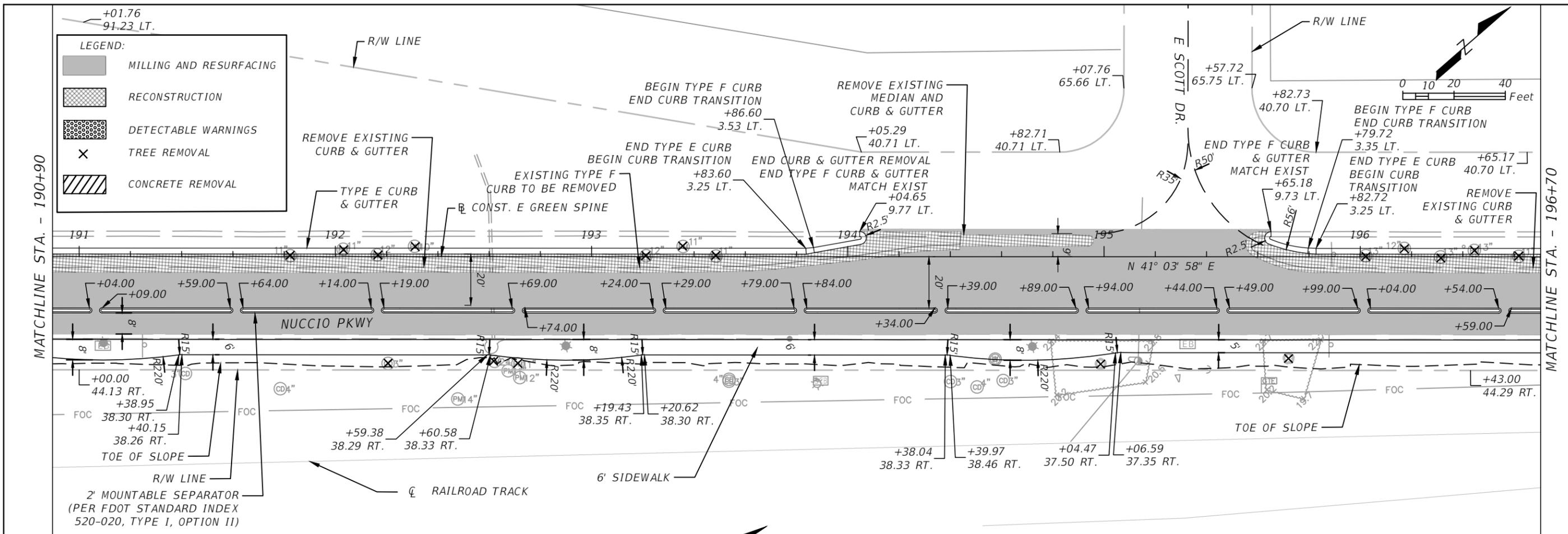
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NOTES:
1. SEE SHEET 8 FOR ADDITIONAL CURVE DATA

REVISIONS				KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 FLORIDA CERTIFICATE OF AUTHORIZATION NO. 02317 ENGINEER OF RECORD: ALFREDO CELY, P.E. P.E. NO: 70653	CITY OF TAMPA TRANSPORTATION AND STORMWATER SERVICES DEPARTMENT			ROADWAY PLANS - (1)	SHEET NO. 10
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					OFF-SYS	HILLSBOROUGH	439476-2-58-01		

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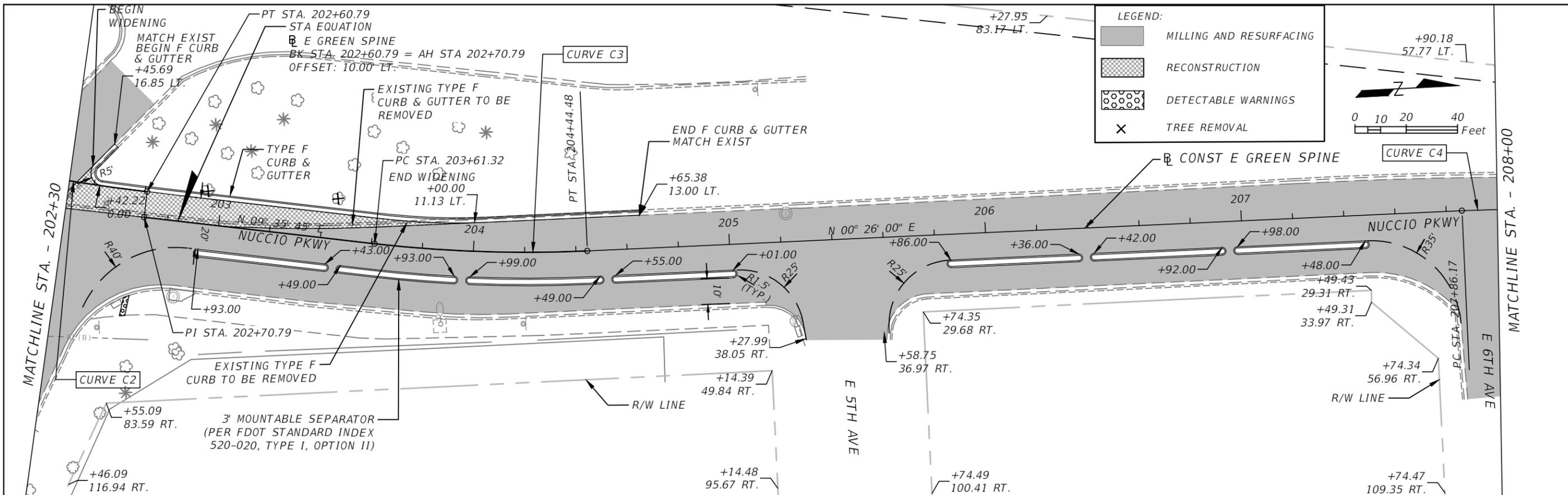


NOTES:
 1. SEE SHEET 8 FOR ADDITIONAL CURVE DATA
 2. PER APL, RED COLORED, ASTM C-936 PAVERS WITH TRUNCATED DOMES PER SECTION 527 DETECTABLE WARNINGS, INSTALLED STAGGERED RUNNING BOND, LONG SIDE PARALLEL WITH CURB.

REVISIONS				KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 FLORIDA CERTIFICATE OF AUTHORIZATION NO. 02317 ENGINEER OF RECORD: ALFREDO CELY, P.E. P.E. NO: 70653	CITY OF TAMPA TRANSPORTATION AND STORMWATER SERVICES DEPARTMENT			SHEET NO. 11
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				OFF-SYS	HILLSBOROUGH	439476-2-58-01		

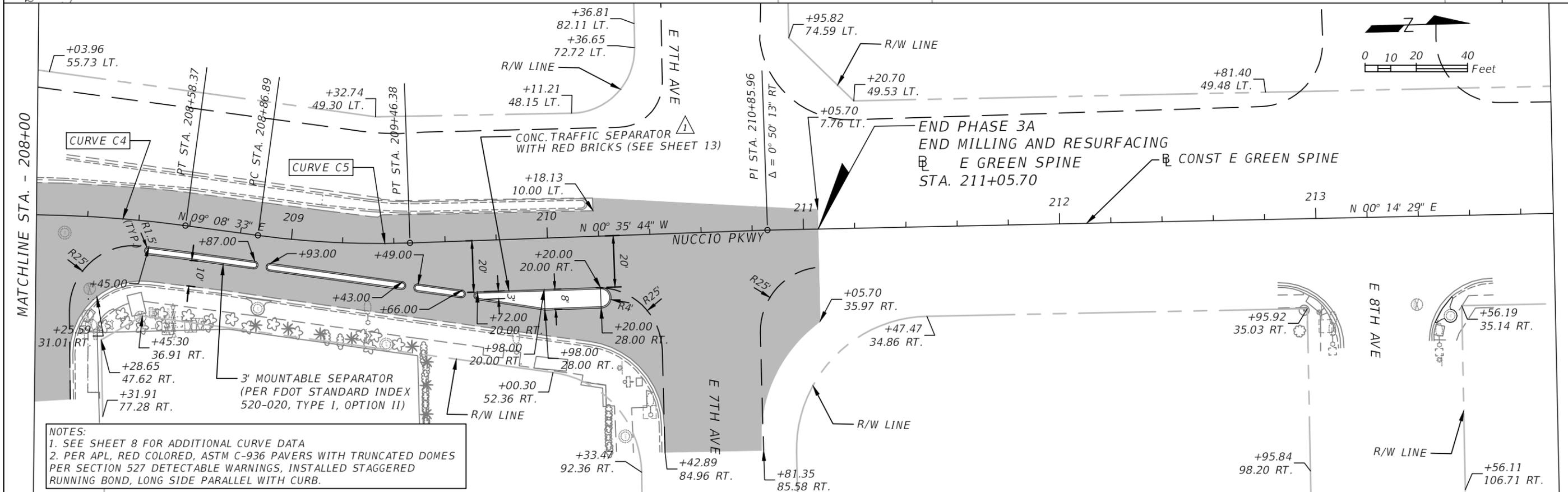
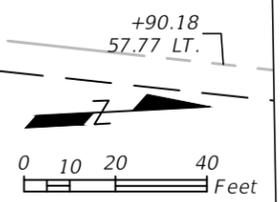
ROADWAY PLANS - (2)

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LEGEND:

- MILLING AND RESURFACING
- RECONSTRUCTION
- DETECTABLE WARNINGS
- TREE REMOVAL



NOTES:
 1. SEE SHEET 8 FOR ADDITIONAL CURVE DATA
 2. PER APL, RED COLORED, ASTM C-936 PAVERS WITH TRUNCATED DOMES PER SECTION 527 DETECTABLE WARNINGS, INSTALLED STAGGERED RUNNING BOND, LONG SIDE PARALLEL WITH CURB.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
6/16/20	REVISED MOUNTABLE SEPARATOR		

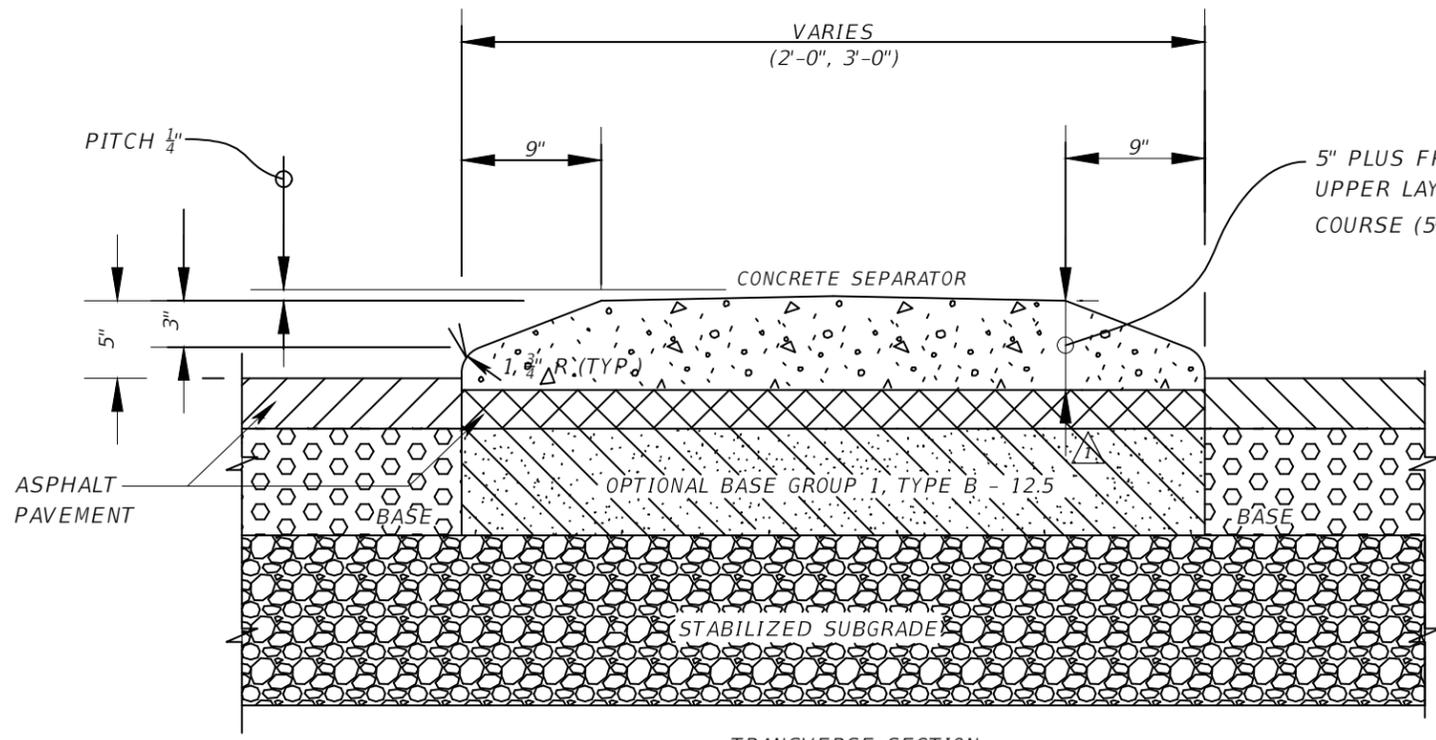
KISINGER CAMPO & ASSOCIATES CORP.
 201 N FRANKLIN ST, SUITE 400,
 TAMPA, FL 33602
 FLORIDA CERTIFICATE OF AUTHORIZATION
 NO. 02317
 ENGINEER OF RECORD: ALFREDO CELY, P.E.
 P.E. NO: 70653

CITY OF TAMPA TRANSPORTATION AND STORMWATER SERVICES DEPARTMENT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
OFF-SYS	HILLSBOROUGH	439476-2-58-01

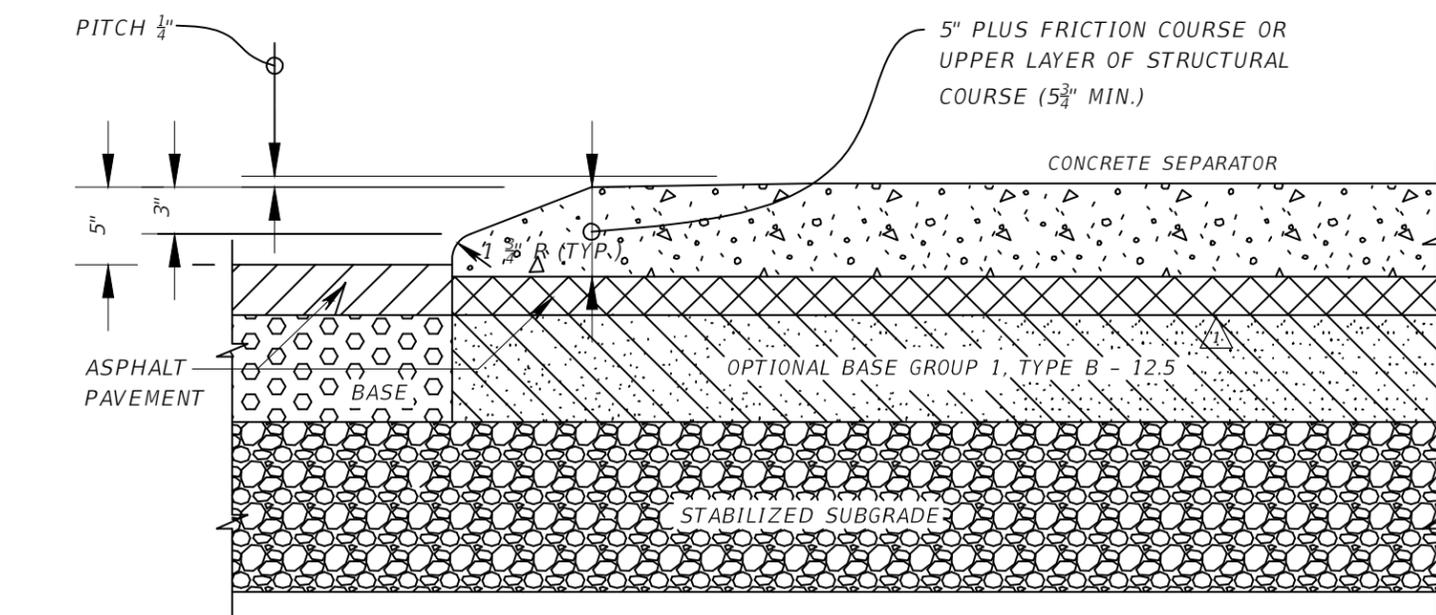
ROADWAY PLANS - (3)

SHEET NO.
12

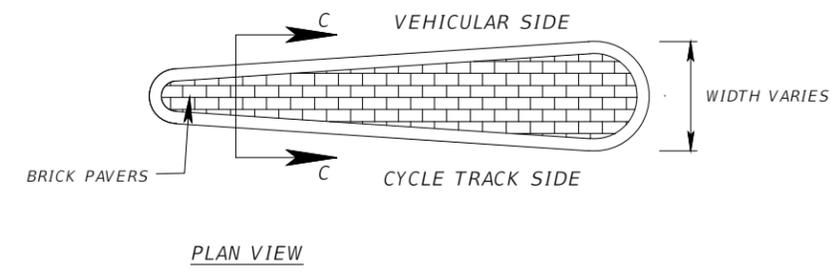
THE OFFICIAL RECORD OF THIS DRAWING IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-25.004, F.A.C.



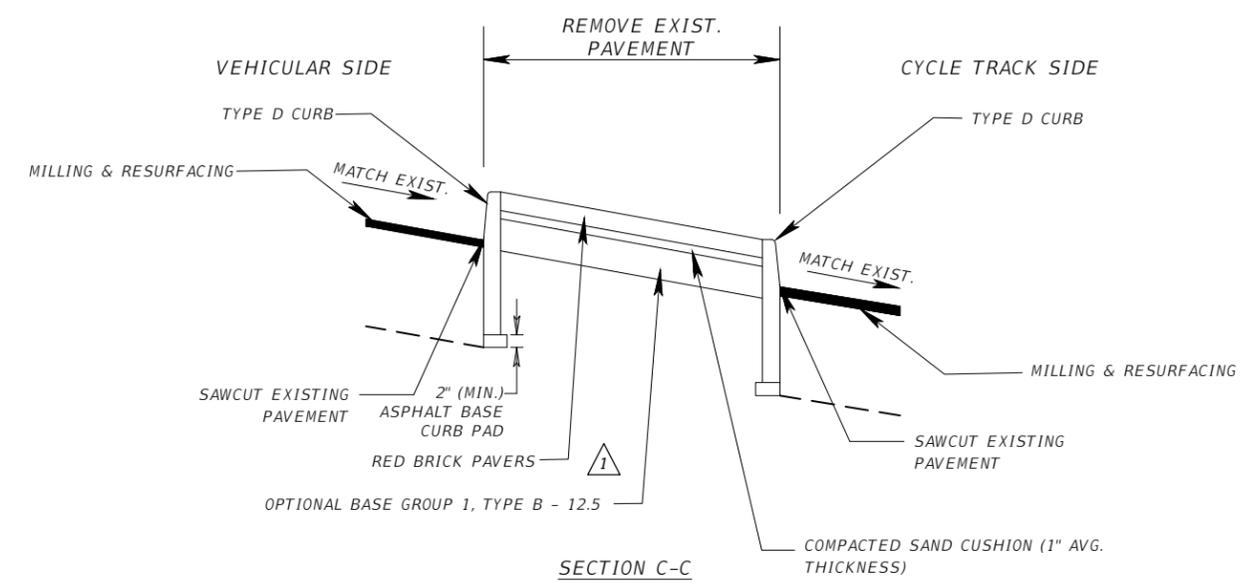
TRANSVERSE SECTION
MOUNTABLE TRAFFIC SEPARATOR DETAIL
NOT TO SCALE



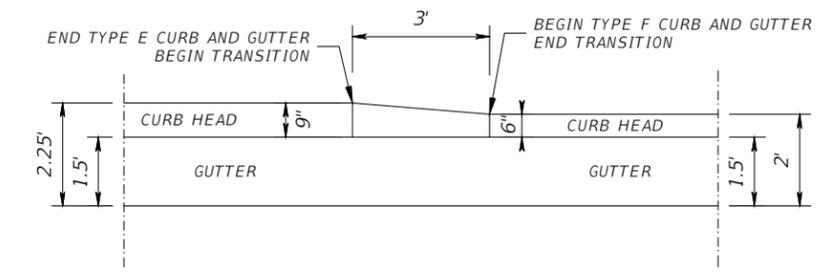
LONGITUDINAL SECTION (NOSE)
MOUNTABLE TRAFFIC SEPARATOR DETAIL
NOT TO SCALE



PLAN VIEW



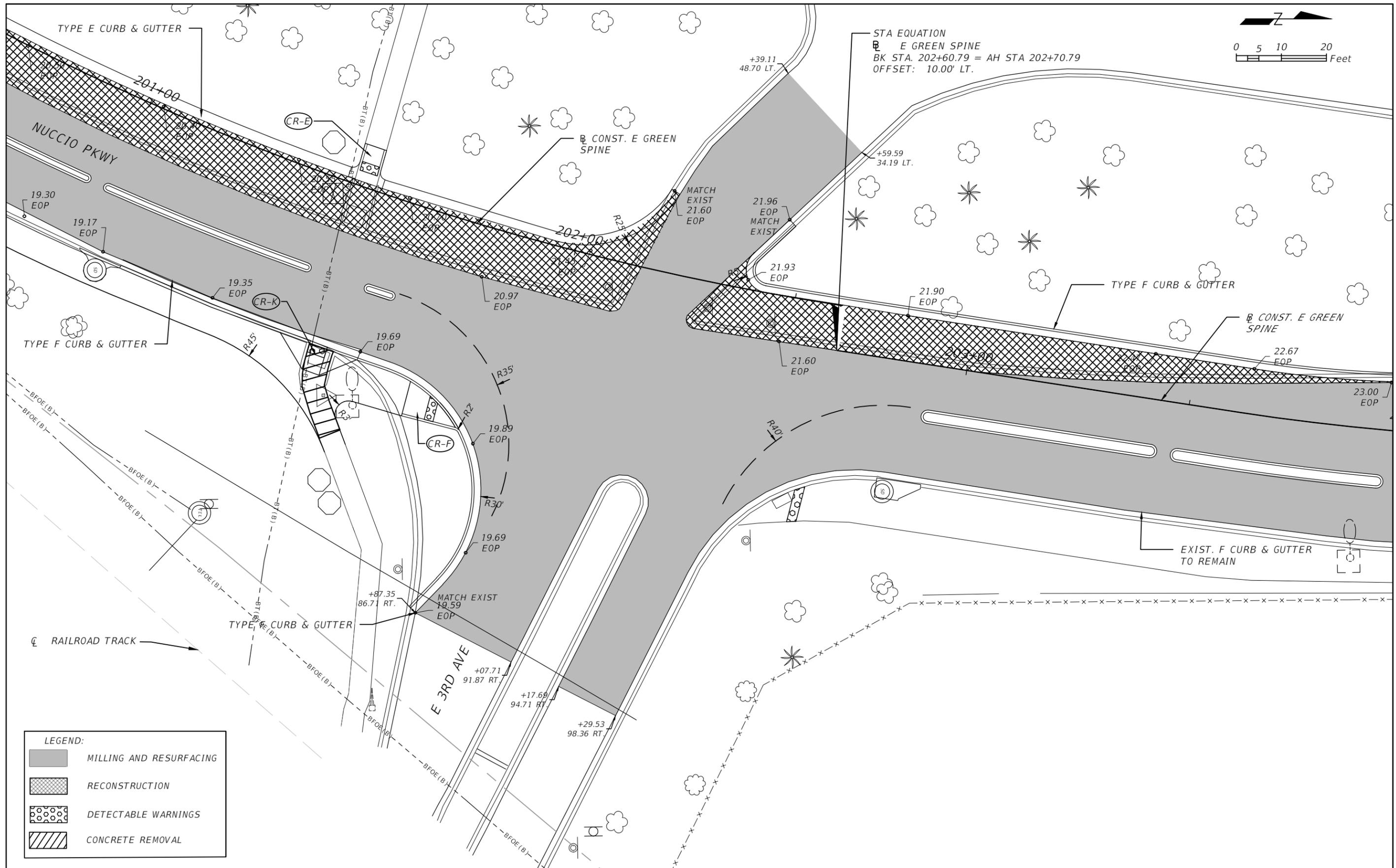
SECTION C-C
CONCRETE TRAFFIC SEPARATOR WITH RED BRICKS
NOT TO SCALE



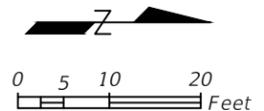
TYPE E TO TYPE F CURB AND
GUTTER TRANSITION
NOT TO SCALE

REVISIONS				KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 FLORIDA CERTIFICATE OF AUTHORIZATION NO. 02317 ENGINEER OF RECORD: ALFREDO CELY, P.E. P.E. NO: 70653	CITY OF TAMPA TRANSPORTATION AND STORMWATER SERVICES DEPARTMENT			SHEET NO. 13
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
6/16/20	1 REVISED MOUNTABLE SEPARATOR			OFF-SYS	HILLSBOROUGH	439476-2-58-01		

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STA EQUATION
 E GREEN SPINE
 BK STA. 202+60.79 = AH STA 202+70.79
 OFFSET: 10.00' LT.



LEGEND:

	MILLING AND RESURFACING
	RECONSTRUCTION
	DETECTABLE WARNINGS
	CONCRETE REMOVAL

REVISIONS	
DATE	DESCRIPTION

KISINGER CAMPO & ASSOCIATES CORP.
 201 N FRANKLIN ST, SUITE 400,
 TAMPA, FL 33602
 FLORIDA CERTIFICATE OF AUTHORIZATION
 NO. 02317
 ENGINEER OF RECORD: ALFREDO CELY, P.E.
 P.E. NO: 70653

CITY OF TAMPA TRANSPORTATION AND STORMWATER SERVICES DEPARTMENT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
OFF-SYS	HILLSBOROUGH	439476-2-58-01

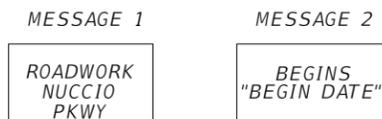
INTERSECTION DETAILS

SHEET NO.
14

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TEMPORARY TRAFFIC CONTROL PLAN NOTES

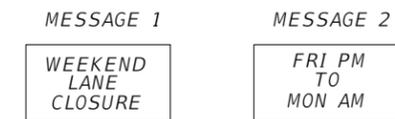
1. THE SUPERVISOR OR FOREMAN CONTROLLING THE WORK ON THE PROJECT MUST HAVE A WORK ZONE TRAFFIC CONTROL SAFETY CERTIFICATION OR TRAFFIC SUPERVISOR CERTIFICATION FROM THE FLORIDA DEPARTMENT OF TRANSPORTATION. THE CERTIFIED SUPERVISOR SHALL BE ON THE PROJECT SITE AT ALL TIMES DURING CONSTRUCTION ACTIVITIES.
2. ALL EXISTING WARNING, GUIDE, AND REGULATORY SIGNS SHALL BE MAINTAINED AT ALL TIMES. SIGNS SHALL BE RELOCATED, REMOVED, OR COVERED FOR EACH TRAFFIC PATTERN PHASE, AS APPROVED BY THE ENGINEER.
3. ALL LANE TAPERS AND MAINTAINED LANE LINES ADJACENT TO CONSTRUCTION AREAS SHALL BE DELINEATED WITH TYPE 1 OR 2 BARRICADES, VERTICAL PANELS, TEMPORARY DRUMS OR TEMPORARY LOW PROFILE BARRIER AS APPROVED BY THE ENGINEER.
4. THE EXISTING SPEED LIMIT OF 40 MPH SHALL BE MAINTAINED AT ALL TIMES, UNLESS OTHERWISE NOTED IN THE PLANS.
5. AT THE DISCRETION OF THE THE ENGINEER, ANY TEMPORARY LANE CLOSURE CAUSING EXTENDED TRAFFIC CONGESTION (5 MINUTE DELAY) SHALL BE OPENED UNTIL TRAFFIC HAS RETURNED TO AN ACCEPTABLE FLOW AS DETERMINED BY THE ENGINEER.
6. PROVIDE A TEMPORARY TRAFFIC CONTROL PLAN, PREPARED BY A FDOT ADVANCED TRAFFIC CONTROL CERTIFIED PROFESSIONAL.
7. THE CITY OF TAMPA PARKING DIVISION SHALL BE NOTIFIED A MINIMUM OF 7 DAYS IN ADVANCE OF ANY PARKING SPACE CLOSURE. PHONE: (813) 274-8179
8. THE HILLSBOROUGH AREA REGIONAL TRANSIT AUTHORITY (HART) PROJECT MANAGER SHALL BE NOTIFIED A MINIMUM OF 7 DAYS IN ADVANCE OF PERFORMING ANY LANE CLOSURE OR DETOUR AS WELL AS ANY WORK AFFECTING HART BUS STOPS. PHONE: (813) 384-6438
EMAIL: RODRIGUEZD@GOHART.ORG
9. WHEN CONSTRUCTING FULL DEPTH PAVEMENT, MAINTAIN AN ACTIVE WORK ZONE AROUND DROP OFF HAZARDS UNTIL STRUCTURAL COURSE IS PLACED, OR USE TRAFFIC WALL AT NO ADDITIONAL COST.
10. THE CONSTRUCTOR IS ALLOWED TO CLOSE LANES AT ALL TIMES EXCEPT FOR GASPARILLA SPECIAL EVENTS. CONTRACTOR TO COORDINATE WITH THE CITY AT PRE CONSTRUCTION MEETINGS FOR SPECIFIC SPECIAL EVENTS DATES. NO LANE CLOSURE FROM 6:00 AM TO 11:00 AM AND FROM 2:30 PM TO 8:00 PM WITHIN 600' OF A SIGNALIZED INTERSECTION.
11. PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGNS (PCMS) SHALL BE PLACED 500 FT. IN ADVANCE OF THE WORK ZONE FOR A PERIOD OF SEVEN DAYS PRIOR TO THE FIRST DAY OF ROADWAY CONSTRUCTION. MESSAGES SHOULD READ:



TWO WEEKS PRIOR TO WEEKDAY LANE CLOSURES, THE MESSAGE FOR THE PCMS SHALL READ (UNLESS OTHERWISE DIRECTED BY THE ENGINEER):



TWO WEEKS PRIOR TO WEEKEND LANE CLOSURES, THE MESSAGE FOR THE PCMS SHALL READ (UNLESS OTHERWISE DIRECTED BY THE ENGINEER):



PHASE I NOTES:

THE INTENT OF THIS PHASE IS TO CONSTRUCT WIDENING, DRAINAGE, SIGNALIZATION AND ROADSIDE IMPROVEMENTS ALONG NUCCIO PKWY.

1. PLACE ADVANCE WARNING TRAFFIC CONTROL DEVICES AS SHOWN IN THE ADVANCED WARNING LAYOUT DETAIL AND AS SHOWN IN STANDARD PLANS INDEX 102-600.
2. USE STANDARD PLANS 102-613, 102-615, 102-660 TO CONSTRUCT THE PROPOSED DRAINAGE, CURB, SIDEWALK, DRIVEWAYS AND SIGNALIZATION. EXCEPT THE PROPOSED CYCLE TRACK SEPARATOR AND BICYCLE SIGNALS TO BE PLACED ON THE SEPARATOR.

PHASE II NOTES:

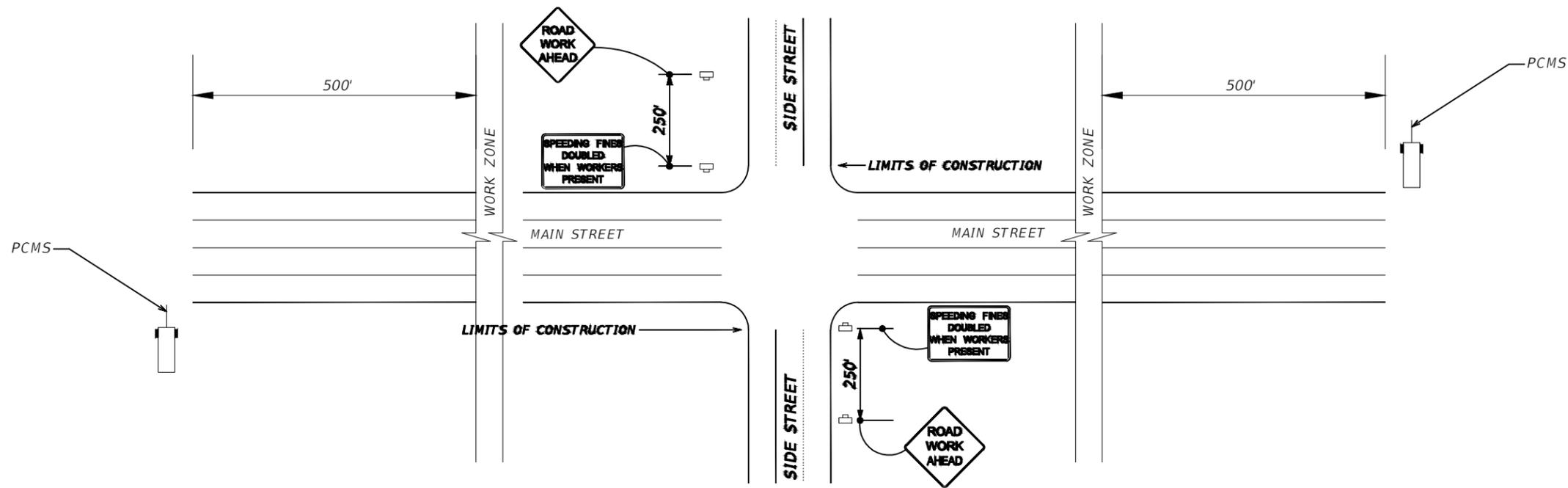
THE INTENT OF THIS PHASE IS TO MILL AND RESURFACE AND WIDEN THE ROADWAY AND CONSTRUCT THE CYCLE TRACK SEPARATOR.

1. USE STANDARD PLANS 102-613, 102-614, 102-615, 102-616 AND 102-617 TO MILL AND RESURFACE (EXCLUDING THE TOP LIFT OF FRICTION COURSE) THE PAVEMENT BETWEEN THE NORTHERN CURB LINE AND THE NORTHERN EDGE OF THE PROPOSED CYCLE TRACK SEPARATOR. THE PAVING OPERATION SHALL BE PERFORMED PER THE FINAL LANE CONFIGURATION. LEVEL THE JOINTS BETWEEN ALL UNMILLED PAVEMENT AND THE RESURFACED PAVEMENT TO ELIMINATE THE DIFFERENCE IN ELEVATION.
2. PLACE TEMPORARY LANE PAVEMENT MARKINGS IN THE EXISTING CONFIGURATION. PLACE CROSSWALK AND STOP BAR MARKINGS IN THE FINAL CONFIGURATION.

PERFORM THE FOLLOWING WORK IN TWO-BLOCK SEGMENTS AT A TIME:
3. PERMANENTLY CLOSE THE EXISTING OUTSIDE TRAVEL LANE AND ADJACENT PARKING LANE. PLACE TEMPORARY 6" WHITE PAVEMENT MARKINGS ALONG THE NORTHERN EDGE OF THE EXISTING CENTER LANE.
4. USE STANDARD PLANS 102-613, 102-614, 102-615, 102-616 AND 102-617 TO MILL THE PAVEMENT BETWEEN THE SOUTHERN CURB LINE AND THE EDGE OF THE PROPOSED CYCLE TRACK SEPARATOR. LEVEL THE JOINTS BETWEEN ALL UNMILLED PAVEMENT AND THE RESURFACED PAVEMENT TO ELIMINATE THE DIFFERENCE IN ELEVATION.
5. USE STANDARD PLAN 102-612 TO SAWCUT AND REMOVE THE EXISTING PAVEMENT AND ANY BRICK BASE IN THE AREA OF THE CYCLE TRACK SEPARATOR. CONSTRUCT THE PROPOSED SEPARATOR CURB LINE AND PLACE THE PROPOSED BICYCLE SIGNAL HEADS.
6. RESURFACE THE MILLED PAVEMENT USING STANDARD PLANS 102-613, 102-614, 102-615, 102-616 AND 102-617.
7. PLACE TEMPORARY CROSSWALK AND STOPBAR PAVEMENT MARKINGS IN THE FINAL CONFIGURATION.
8. USE STANDARD PLANS 102-613, 102-614, 102-615, 102-616 AND 102-617 TO PLACE THE FINAL LAYER OF FRICTION COURSE.
9. PLACE FINAL PAVEMENT MARKINGS (THERMO).
10. UNCOVER BICYCLE SIGNAL HEADS AND SHIFT BICYCLE TRAFFIC TO CYCLE TRACK.
11. UPON COMPLETION OF ALL OTHER CONSTRUCTION, REMOVE EXISTING PAVEMENT MARKINGS AS CALLED OUT ON PLANS AND INSTALL FINAL PAVEMENT MARKINGS AND SIGNS AND REMOVE TEMPORARY TRAFFIC CONTROL DEVICES.

REVISIONS				KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 FLORIDA CERTIFICATE OF AUTHORIZATION NO. 02317 ENGINEER OF RECORD: ALFREDO CELY, P.E. P.E. NO: 70653	CITY OF TAMPA TRANSPORTATION AND STORMWATER SERVICES DEPARTMENT			TRAFFIC CONTROL PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		15
					OFF-SYS	HILLSBOROUGH	439476-2-58-01		

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**TYPICAL SIDE STREET
NTS**

→ **LANE IDENTIFICATION AND DIRECTION OF TRAFFIC**
 □ **WORK ZONE SIGN**
 □ **PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGNS (SEE TTC GENERAL NOTES FOR MORE INFORMATION)**

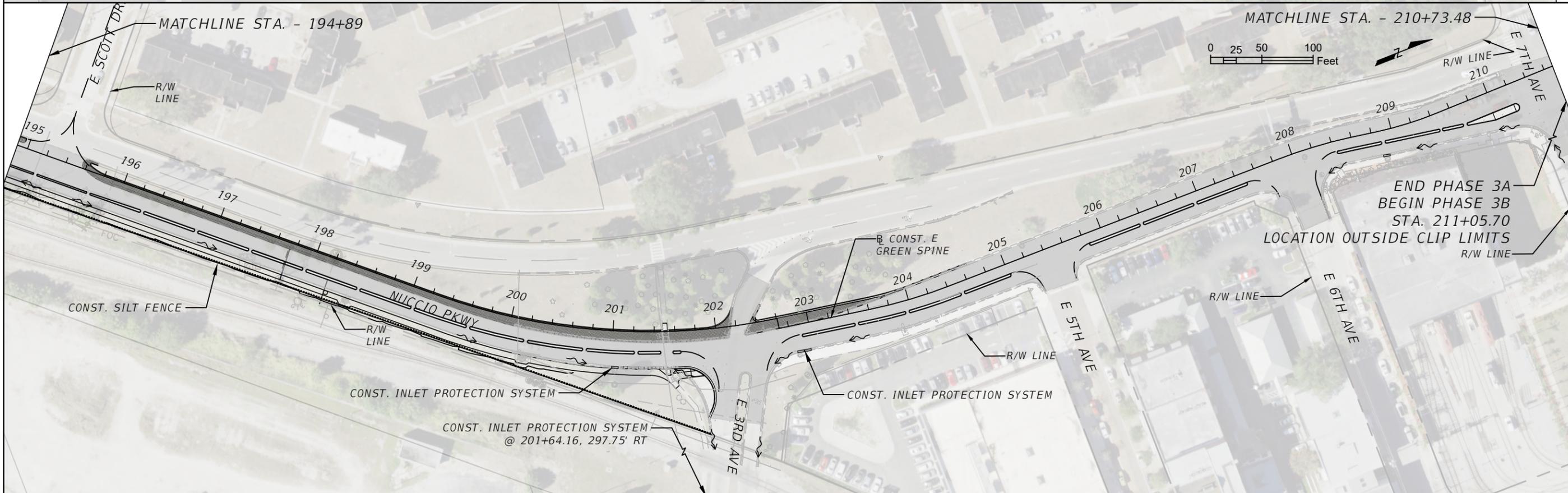
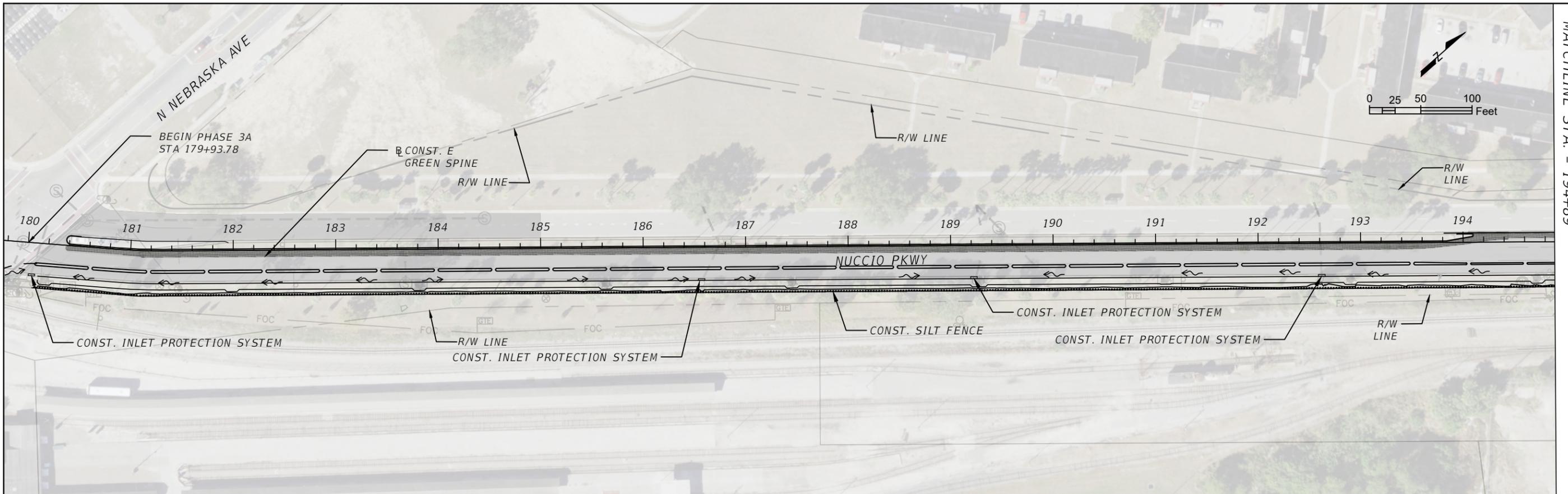
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KISINGER CAMPO & ASSOCIATES CORP.
 201 N FRANKLIN ST, SUITE 400,
 TAMPA, FL 33602
 FLORIDA CERTIFICATE OF AUTHORIZATION
 NO. 02317
 ENGINEER OF RECORD: ALFREDO CELY, P.E.
 P.E. NO: 70653

CITY OF TAMPA TRANSPORTATION AND STORMWATER SERVICES DEPARTMENT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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**TTC PLAN
 ADVANCED WARNING
 LAYOUT**

SHEET NO.
 16



MATCHLINE STA. - 194+89

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 201 N FRANKLIN ST, SUITE 400,
 TAMPA, FL 33602
 FLORIDA CERTIFICATE OF AUTHORIZATION
 NO. 02317
 ENGINEER OF RECORD: CURT SPRUNGER ,P.E.
 P.E. NO: 66524

CITY OF TAMPA TRANSPORTATION AND STORMWATER SERVICES DEPARTMENT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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EROSION CONTROL PLAN

SHEET NO.
17

I. SITE DESCRIPTION:

(1) NATURE OF CONSTRUCTION ACTIVITY:

ACTIVITIES ON THIS PROJECT INCLUDE BUT ARE NOT LIMITED TO CONSTRUCTION OF A BI-DIRECTIONAL CYCLE TRACK FROM NEBRASKA AVENUE TO E 7TH AVENUE. THE PROJECT LIMITS ARE ALONG THE EAST SIDE OF NUCCIO PARKWAY FROM NEBRASKA AVENUE TO 7TH AVENUE. THE CITY WILL CONSTRUCT A NEW BI-DIRECTIONAL CYCLE TRACK WITHIN THE PROJECT LIMITS. EXISTING ROADWAYS WILL BE SHARED WITH THE PROPOSED CYCLE TRACK. THE CYCLE TRACK WILL BE 8 TO 12 FEET WIDE SEPARATED FROM THE ROADWAY BY A TRAFFIC SEPARATOR. THE PROJECT IS IN HILLSBOROUGH COUNTY.

(2) INTENDED SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

- (a) IN THE CONTRACTOR'S SITE SPECIFIC EROSION AND SEDIMENT CONTROL PLAN, PREPARE A DETAILED CONSTRUCTION SCHEDULE TO INDICATE DATES OF MAJOR GRADING ACTIVITIES AND DETERMINE SEQUENCES OF TEMPORARY AND PERMANENT SOIL DISTURBING ACTIVITIES ON ALL PORTIONS OF THE PROJECT.
- (b) MODIFY THE PLAN OR MATERIALS TO ADAPT TO SEASONAL VARIATIONS, CONSTRUCTION ACTIVITY VARIATIONS, OR AS DIRECTED BY THE ENGINEER.
- (c) APPLICABLE EROSION AND SEDIMENT CONTROL DEVICES AND IMPLEMENTATION PROCEDURES ARE SUPPLIED IN THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEW MANUAL (E&SC MANUAL) LATEST EDITION.
- (d) PROVIDE IF ANY MODIFICATIONS OR ADDITIONAL CONTROLS ARE REQUIRED AND OBTAIN DEPLOYMENT SCHEDULES FOR THE IMPLEMENTATION OF ALL ADDITIONAL EROSION AND SEDIMENT CONTROL DEVICES FROM THE CONTRACTOR.

(3) LIST OF INTENDED ACTIVITIES

- (a) ALL EROSION AND SEDIMENT CONTROL DEVICES FOR EACH PHASE OF WORK ARE TO BE INSTALLED PRIOR TO BEGINNING WORK ON THAT PHASE.
- (b) COVER OR STABILIZE DISTURBED AREAS AS SOON AS POSSIBLE.
- (c) DO NOT DISTURB AN AREA UNTIL IT IS NECESSARY FOR CONSTRUCTION TO PROCEED.
- (d) TIME CONSTRUCTION ACTIVITIES TO LIMIT IMPACT FROM SEASONAL CLIMATE CHANGES OR WEATHER EVENTS.
- (e) DO NOT REMOVE PERIMETER CONTROLS UNTIL ALL UPSTREAM AREAS ARE FULLY STABILIZED AND PERMANENT VEGETATION IS ESTABLISHED.
- (f) PROVIDE POLLUTION CONTROL BY IMPLEMENTING DUST CONTROL DURING ALL PHASES OF CONSTRUCTION.

(4) PROJECT AREAS:

THE ESTIMATED TOTAL PROJECT AREA IS 4 ACRES. THE ESTIMATED AREA TO BE DISTURBED DURING CONSTRUCTION ACTIVITIES IS 1.5 ACRES.

(5) RUNOFF COEFFICIENTS BEFORE Cw (B), DURING Cw (D) AND AFTER Cw (A) CONSTRUCTION:

RUNOFF COEFFICIENT FOR GRASSED SHOULDERS ADJACENT TO ROADWAY: C=0.35
 IMPERVIOUS ROADWAYS AND PAVED SHOULDER: C=0.95
 DISTURBED AREAS, EXPOSED SOIL, ETC., DURING CONSTRUCTION: C=0.40

WEIGHTED RUNOFF COEFFICIENT:

BEFORE: Cw (B) = 0.67
 DURING: Cw (D) = VARIES BETWEEN 0.67 AND 0.82
 AFTER: Cw (A) = 0.67

THE RUNOFF COEFFICIENT DURING CONSTRUCTION, Cw (D), IS CALCULATED ASSUMING THAT THE MAXIMUM ALLOWABLE AREA OF SOIL IS DISTURBED DURING CONSTRUCTION AND THE REMAINING AMOUNT IS THE EXISTING IMPERVIOUS AND GRASSED SHOULDER AREAS.

(6) DESCRIPTION OF SOIL:

MAJOR SOIL GROUPS IN THE PROJECT LIMITS INCLUDE:

1. 77.5% URBAN LAND, 0 TO 2 PERCENT SLOPES (56)
2. 11.1% MYAKKA-URBAN LAND COMPLEX (32)
3. 4.9% IMMOKALEE-URBAN LAND COMPLEX (22)
4. 3.4% WATER (99)
5. 3.1% TAVARES-URBAN LAND COMPLEX, 0 TO 5 PERCENT SLOPES (55)

REFERENCE: USDA SOIL SURVEY OF HILLSBOROUGH COUNTY FLORIDA

(7) ESTIMATED DRAINAGE FLOW DIRECTION AND AVERAGE SLOPE OF DRAINAGE AREA FOR EACH OUTFALL:

(a) SITE MAP: INCLUDED WITH THESE SHEETS.
 DRAINAGE MAPS OR MAPS WITH APPROPRIATE CONTOURS: INCLUDED IN DRAINAGE DOCUMENTS.

(8) RECEIVING WATERS: OLD TAMPA BAY

THIS FACILITY DOES DISCHARGE TO WATERS LISTED ON THE EPA APPROVED FDEP VERIFIED LIST OR ADOPTED TMDL FOR IMPAIRMENT DUE TO TOAL SUSPENDED SOLID, TURBIDITY, NUTRIENTS, DISSOLVED OXYGEN OR FECAL COLIFORM.

(9) OUTFALL LOCATIONS:

RECEIVING WATER BODY	DRAINAGE AREA (AC)	LATITUDE	LONGITUDE
OLD TAMPA BAY	17.3	27°57'17.41"N	82°26'36.52"W

(10) WETLAND AND/OR SURFACE WATER IMPACTS ARE LIMITED TO THE AREAS DESCRIBED IN THE APPROVED PERMITS FOR THE PROJECT.

(11) DESCRIPTION OF STORMWATER MANAGEMENT: (EXISTING/PROPOSED)

- (a) EXISTING DRAINAGE FLOWS ARE TYPICALLY STORM SEWER SYSTEM. THE PROPOSED ROADWAY IMPROVEMENTS SHALL NOT MODIFY OR AFFECT THE EXISTING OFFSITE FLOW PATTERNS UNLESS SPECIFICALLY AUTHORIZED BY THE PERMITS.
- (b) OFFSITE RUNOFF SHOULD BE DIVERTED AWAY OR THROUGH THE CONSTRUCTION AREA, IF POSSIBLE. THIS ADDITIONAL FLOW, IF NOT DIVERTED, CAN ADD VOLUME AND SIZE TO STRUCTURAL PRACTICES, REQUIRING MORE FREQUENT MAINTENANCE AND LIMITING EFFECTIVENESS OF EROSION AND SEDIMENT CONTROLS.
- (c) LOCATION OF PERMANENT CONTROLS: THE STORMWATER SEWER SYSTEM IS THE PRIMARY PERMANENT STORMWATER MANAGEMENT CONTROL. THESE ARE SHOWN ON THE ROADWAY PLANS.
- (d) STORMWATER RUNOFF SHALL BE CONVEYED TO EITHER TEMPORARY SEDIMENT BASINS, CONTAINMENT SYSTEMS AND/OR TO PERMANENT STORMWATER MANAGEMENT FACILITIES (TREATMENT AND ATTENUATION PONDS). THE PROPOSED SEDIMENT BASINS, CONTAINMENT SYSTEMS AND/OR STORMWATER MANAGEMENT FACILITIES SHALL BE CONSTRUCTED DURING THE INITIAL PHASE OF CONSTRUCTION AND USED DURING CONSTRUCTION OF THE ROADWAY.
- (e) PREVENT UNAUTHORIZED MATERIALS FROM ENTERING WETLANDS, WATERWAYS, OTHER SURFACE WATERS OR WATERS OF THE U.S.

(12) STATE AND FEDERAL REGULATIONS:

SWFWMD PERMIT EXEMPTION FILE # 785609

II. CONTROLS:

SEDIMENT AND EROSION CONTROLS

(1) WATER QUALITY MONITORING:

- (a) WATER QUALITY MONITORING SHALL BE CONDUCTED IN ACCORDANCE WITH THE SPECIAL CONDITIONS OF ANY ENVIRONMENTAL PERMIT OR BY THE CONTRACTOR UPON THE OBSERVATION THAT WATER QUALITY STANDARDS MAY BE VIOLATED BY THE CONTRACTOR'S ACTIVITIES. MONITORING LOCATIONS MAY BE SPECIFIED IN THE ENVIRONMENTAL PERMIT OR MAY BE DESIGNATED BY THE CONTRACTOR AND APPROVED BY THE PROJECT ADMINISTRATOR.
- (b) MONITOR ANY ACTIVITIES FOR VIOLATION OF WATER QUALITY STANDARDS AS THEY RELATE TO TURBIDITY (NO GREATER THAN 29 NTU'S ABOVE BACKGROUND OR GREATER THAN 0 NTU'S ABOVE BACKGROUND FOR DIRECT DISCHARGES TO OFW'S).
- (c) IF WATER QUALITY STANDARDS ARE VIOLATED, CONSTRUCTION SHALL BE STOPPED IMMEDIATELY, THE ENVIRONMENTAL PERMIT CONDITIONS FOLLOWED AND EROSION AND SEDIMENT CONTROL DEVICES REEVALUATED AND APPROVED BY THE ENGINEER PRIOR TO ANY CONTINUATION OF ACTIVITY. MONITORING ACTIVITIES AND TURBIDITY READINGS SHALL BE RECORDED ON THE CONSTRUCTION INSPECTION REPORT AND CONTINUED UNTIL TURBIDITY READINGS FALL BELOW AN ACCEPTABLE LEVEL (LESS THAN 29 NTU'S ABOVE BACKGROUND OR LESS THAN 0 NTU'S ABOVE BACKGROUND FOR DIRECT DISCHARGES TO OFW'S).
- (d) WATER QUALITY MONITORING MAY BE CONDUCTED DURING ANY PHASE OF CONSTRUCTION AS DIRECTED BY THE PROJECT ENGINEER.

(2) STABILIZATION PRACTICES:

- (a) STABILIZATION MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO MAINTAINING, ESTABLISHING AND USING VEGETATION, APPLYING MULCHES, SODDING, SEEDING, BMP'S AND THE USE OF ROLLED EROSION CONTROL PRODUCTS. WHEN CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, SIDE SLOPES SHALL BE STABILIZED WITH PERFORMANCE SODDING OR SEEDING OR ANY OTHER APPROVED METHOD OF STABILIZATION INCLUDED IN THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEW MANUAL (E&SC MANUAL), LATEST EDITION.
- (b) STABILIZATION SHALL TAKE PLACE AS SOON AS PRACTICAL IN PORTIONS OF THE PROJECT WHERE CONSTRUCTION ACTIVITIES HAVE CEASED, BUT NO LATER THAN 7 DAYS AFTER ANY CONSTRUCTION ACTIVITY CEASES EITHER TEMPORARILY OR PERMANENTLY.
- (c) ANY TEMPORARY MATERIAL USED FOR POLLUTION OR EROSION AND SEDIMENT CONTROL DURING CONSTRUCTION SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT AND FINAL STABILIZATION OF THE PROJECT HAS BEEN ACHIEVED.

REVISIONS				KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 FLORIDA CERTIFICATE OF AUTHORIZATION NO. 02317 ENGINEER OF RECORD: CURT SPRUNGER ,P.E. P.E. NO: 66524	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN (1)	SHEET NO. 18
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(3) STRUCTURAL PRACTICES FOR EROSION AND SEDIMENT CONTROL

(a) ROLLED EROSION CONTROL PRODUCTS (ARTIFICIAL COVERINGS)

PURPOSE: TO PROTECT DISTURBED SLOPE SURFACES AGAINST EROSION DUE TO RAINFALL OR FLOWING WATER.

- (1) USED FOR PAUSES IN CONSTRUCTION DUE TO INCLEMENT WEATHER OR OTHER CIRCUMSTANCES. COULD INCLUDE NATURAL OR SYNTHETIC FIBER MATS, PLASTIC SHEETING OR NETS.
- (2) USED FOR EROSION CONTROL THAT FACILITATES PLANT GROWTH WHILE PERMANENT GRASS IS ESTABLISHED. COULD INCLUDE BIODEGRADABLE EROSION CONTROL BLANKETS INSTALLED ON A SEEDED AREA, ON FILL SLOPES OR IN DITCHES.
- (3) USED TO STABILIZE DRAINAGE CHANNELS. CONSULT E&SC MANUAL TO DETERMINE CORRECT PRODUCT TYPE FOR CHANNEL STABILIZATION.

(b) SEDIMENT BARRIERS (TEMPORARY CONSTRUCTION SITE BMP'S)

PURPOSE: SEDIMENT BARRIERS EITHER OBSTRUCT FLOW OR PREVENT THE PASSAGE OF WATER WHILE CONSTRUCTION ACTIVITIES OCCUR. SMALLER SEDIMENT BARRIERS MAY FUNCTION AS A SMALL SEDIMENT CONTAINMENT SYSTEM OR AS A METHOD TO REDUCE FLOW VELOCITY.

- (1) THESE CONSTRUCTION BMP'S CAN INCLUDE SYNTHETIC BALES, STAKED SILT FENCE, TURBIDITY BARRIER, STORM SEWER INLET BARRIERS, ROCK BARRIERS, GEOSYNTHETIC BARRIERS, ETC.
- (2) APPROPRIATE LOCATIONS INCLUDE SITE PERIMETER, BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION, BELOW THE TOE OF EXPOSED AND ERODIBLE SLOPES, ALONG THE TOE OF STREAM AND CHANNEL BANKS, AROUND DRAINS AND INLETS LOCATED IN LOWPOINTS OR THE DOWNSTREAM EDGE OF AREAS UNDERGOING VERTICAL OR BOX CULVERT CONSTRUCTION ACTIVITIES.
- (3) INAPPROPRIATE LOCATIONS FOR THESE SAME MEASURES INCLUDE PARALLEL TO A HILLSIDE CONTOUR, IN CHANNELS WITH CONCENTRATED FLOW (UNLESS PROPERLY REINFORCED), UPSTREAM OR DOWNSTREAM OF CULVERTS WITH CONCENTRATED FLOW, IN FRONT OF OR AROUND INLETS ON A GRADE WITH CONCENTRATED FLOW OR IN FLOWING STREAMS.

(c) INLET PROTECTION SYSTEM

PURPOSE: ANY OF A NUMBER OF SEDIMENT BARRIERS THAT EITHER PREVENT SEDIMENT FROM ENTERING AN INLET OR TRAP THE SEDIMENTS ONCE THEY ENTER THE INLET.

- (1) TYPICAL APPLICATIONS INCLUDE ROCK BARRIERS, FRAME AND FILTER BARRIERS, CURB INLET "SUMP" BARRIER, CURB INLET DIVERSION BERM, CURB AND GUTTER SEDIMENT CONTAINMENT SYSTEM OR CURB INLET INSET.
- (2) SHOULD BE INSTALLED ONLY WHEN CONSTRUCTION ACTIVITIES ARE ON-GOING AND ONLY WHERE SUMP CONDITIONS EXIST.

III. MAINTENANCE:

MAINTAIN AND REPAIR ALL EROSION AND SEDIMENT CONTROL DEVICES AND REMOVE - EROSION AND SEDIMENT CONTROL DEVICES WHEN NOTICE OF TERMINATION IS MAILED AND PROPERLY DISPOSE OF SEDIMENT BUILDUP THROUGH THE LIFE OF THE INSTALLED EROSION AND SEDIMENT CONTROL DEVICES.

- (1) SYNTHETIC BALES SHALL BE MAINTAINED TO ENSURE THEIR USEFULNESS AND NOT BLOCK OR IMPEDE STORMWATER FLOW OR DRAINAGE.
- (2) SOIL TRACKING PREVENTION DEVICES SHALL BE MAINTAINED TO PREVENT CLOGGING OF ROCK BEDDING WHICH MAY IMPEDE THE USEFULNESS OF THE STRUCTURE.

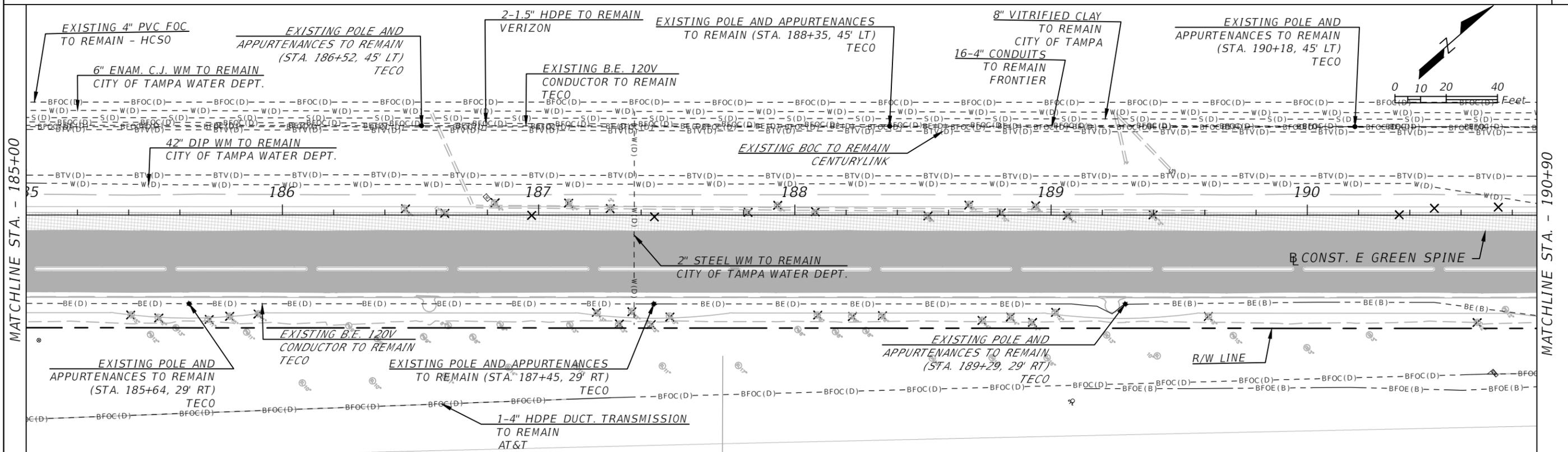
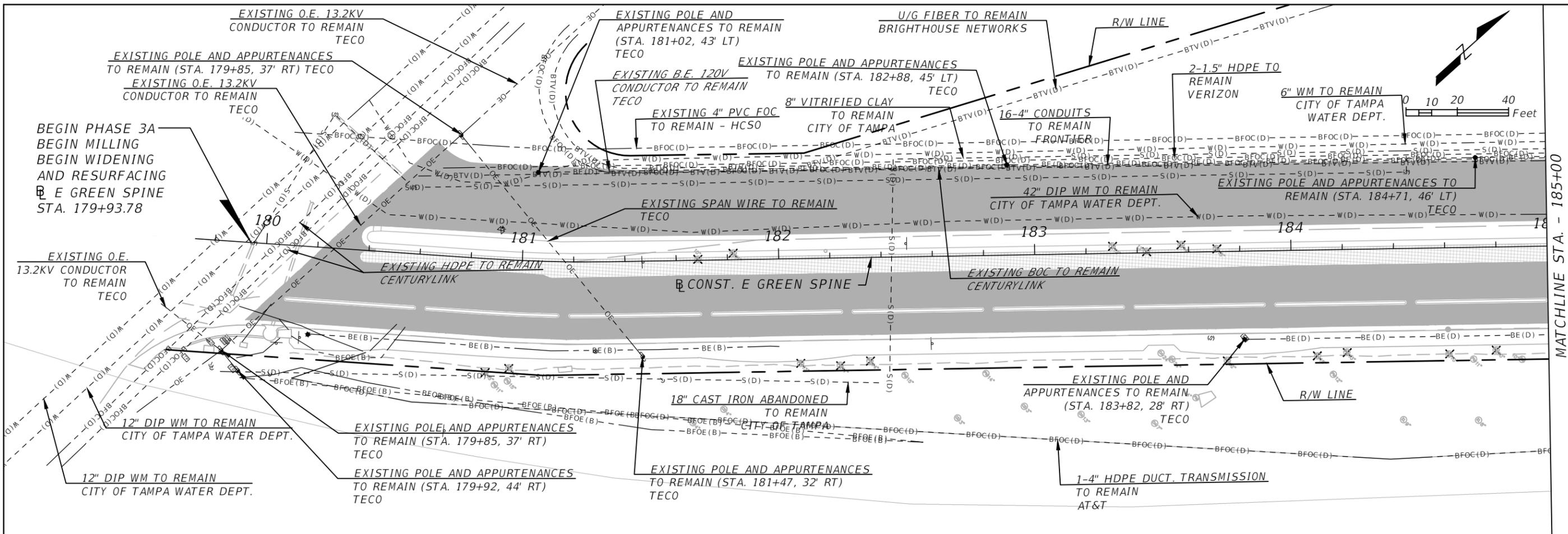
IV. INSPECTION:

- (1) ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSPECTED DAILY BY CONTRACTOR'S PERSONNEL WHO ARE F.D.E.P. CERTIFIED STORMWATER MANAGEMENT INSPECTORS.

V. TRACKING AND REPORTING:

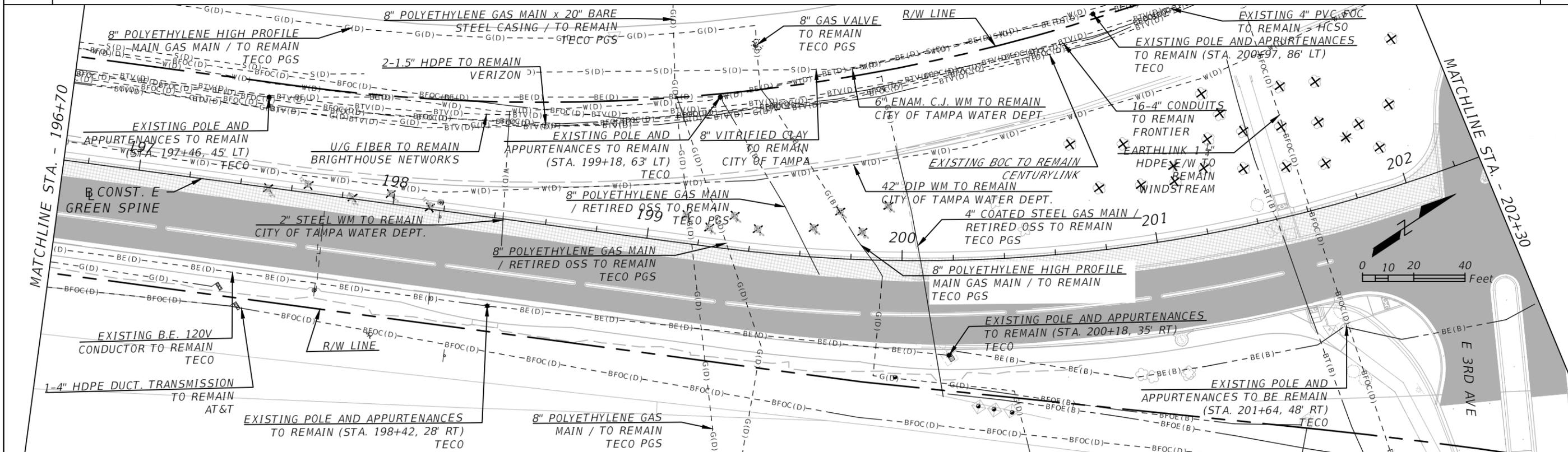
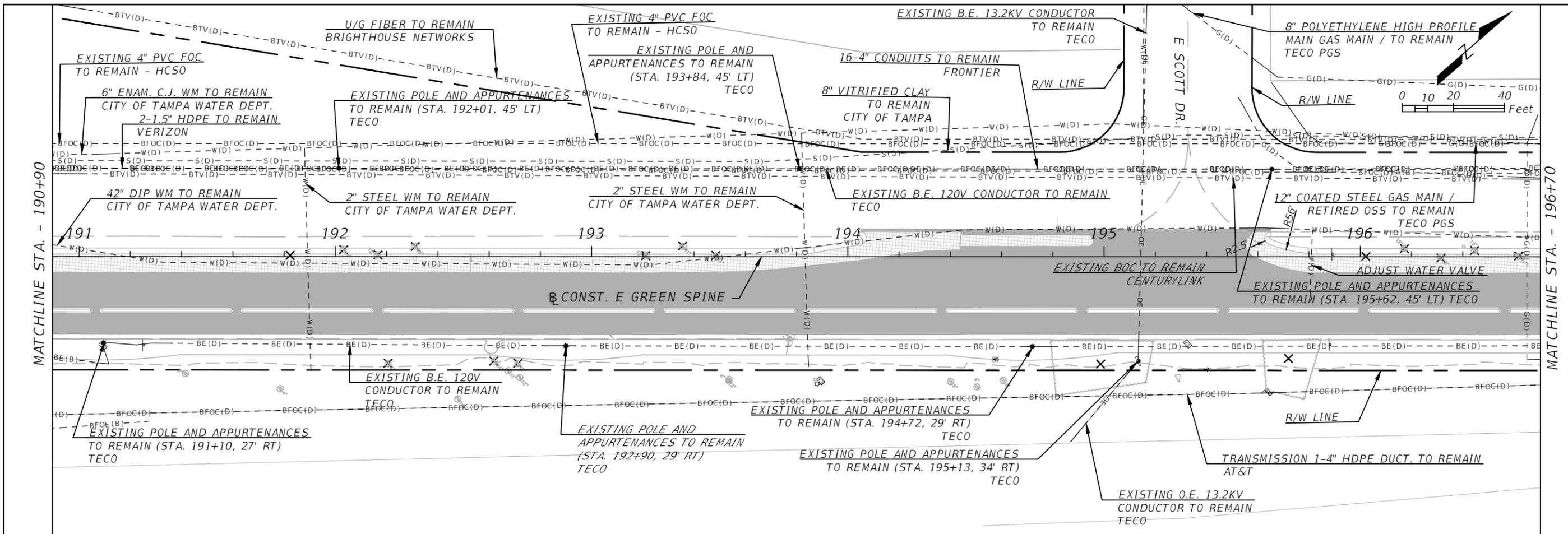
- (1) SUBMIT A WEEKLY REPORT TO THE DEPARTMENT DOCUMENTING THE DAILY INSPECTIONS AND MAINTENANCE OR REPAIRS TO THE EROSION AND SEDIMENT CONTROL DEVICES. MAINTAIN ALL REQUIRED REPORTS AND COMPLETE ALL SWPPP INSPECTION FORMS.
- (2) PREPARATION OF ALL THE CONTRACTOR'S REPORTS OF INSPECTION, MAINTENANCE AND REPAIRS REQUIRED FOR THE CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION, SHALL BE INCLUDED IN THE INDIVIDUAL COSTS OF THE EROSION AND SEDIMENT CONTROL DEVICES OR LUMP SUM COST OF THE PROJECT.
- (3) USE THE SWPPP CONSTRUCTION INSPECTION REPORT FORM # 650-040-03, FOR DAILY INSPECTIONS.

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KISINGER CAMPO & ASSOCIATES CORP.
 201 N FRANKLIN ST, SUITE 400,
 TAMPA, FL 33602
 FLORIDA CERTIFICATE OF AUTHORIZATION
 NO. 02317
 ENGINEER OF RECORD: ALFREDO CELY, P.E.
 P.E. NO: 70653

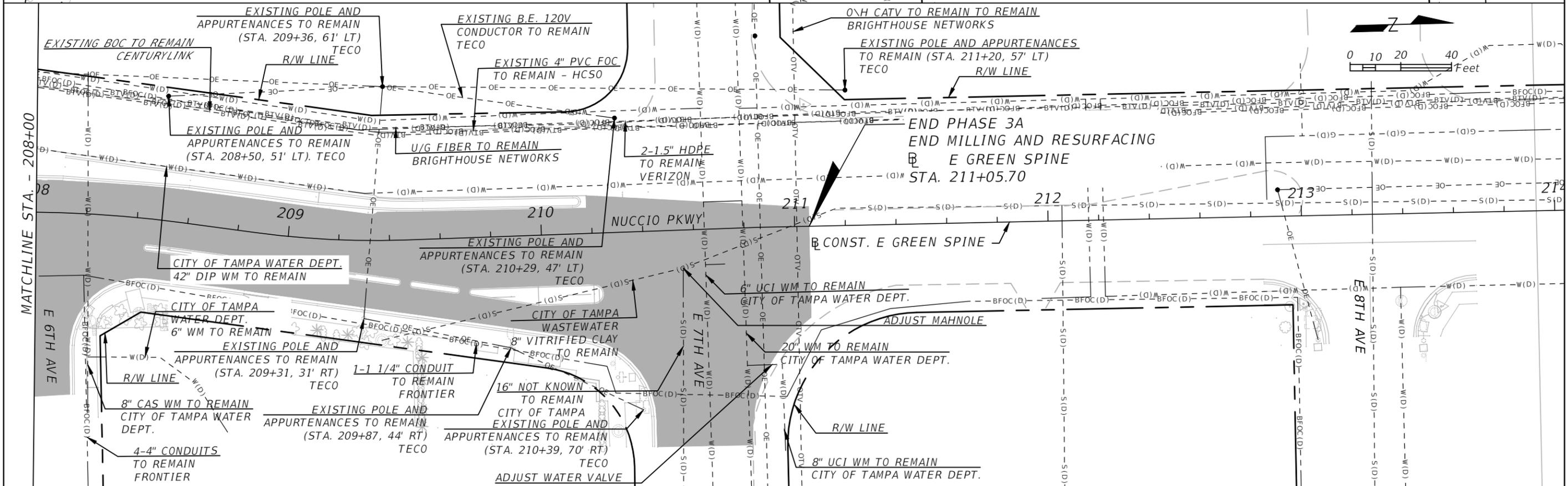
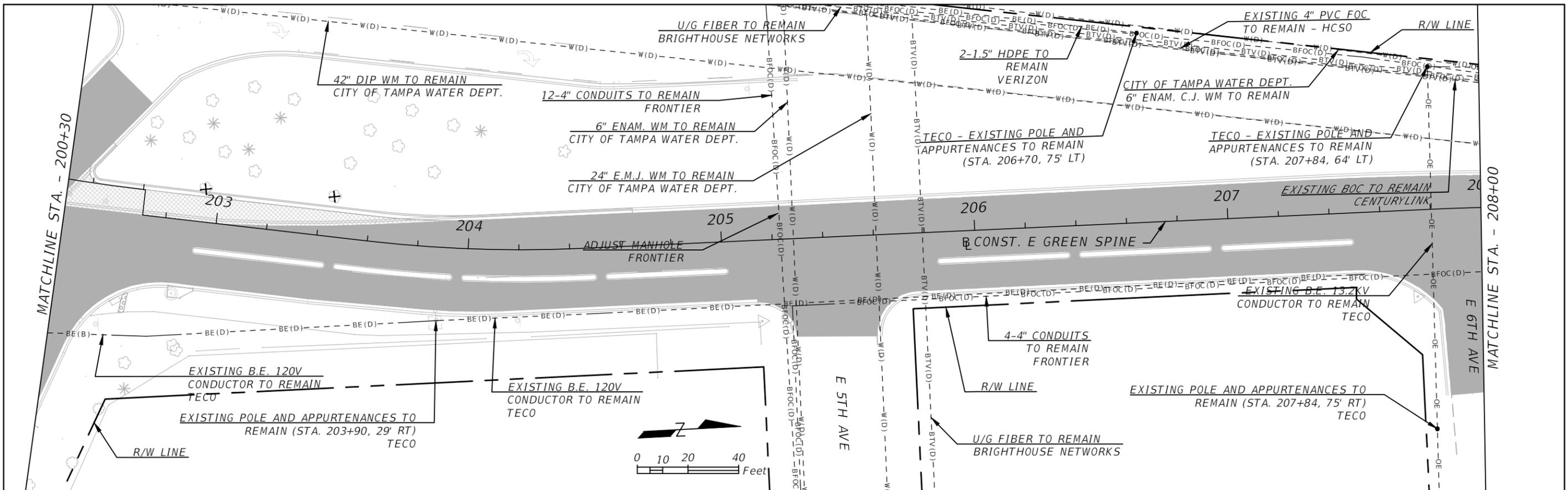
CITY OF TAMPA TRANSPORTATION AND
 STORMWATER SERVICES DEPARTMENT

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
OFF-SYS	HILLSBOROUGH	439476-2-58-01

UTILITY ADJUSTMENT SHEETS -
 (2)

SHEET NO.
 21

THE OFFICIAL RECORD OF THIS DRAWING IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-25.004, F.A.C.



REVISIONS		KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 FLORIDA CERTIFICATE OF AUTHORIZATION NO. 02317 ENGINEER OF RECORD: ALFREDO CELY, P.E. P.E. NO: 70653		CITY OF TAMPA TRANSPORTATION AND STORMWATER SERVICES DEPARTMENT		UTILITY ADJUSTMENT SHEETS - <i>(3)</i>	SHEET NO. 22
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY		
				OFF-SYS	HILLSBOROUGH	439476-2-58-01	

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June 19, 2020

Ms. Nina Mabileau, E.I.
 Project Management Engineer III
 City of Tampa – Transportation Division
 306 East Jackson Street
 Tampa, Florida 33602

RE: Green Spine Cycle Track Phase 3A
 RFI 19-C-00019 ITB-19-C-00019-0-2020/AH
 Interested Bidder Questions # 01

Dear Nina,

We have reviewed the interested bidder questions to date, and provided responses below.

Question 01	Bid item 0160 4 for type B stabilization has a unit of CY. Should this be SY?
Response 01	Yes, 0160-4 Type B Stabilization unit is 2,550 SY as shown on Roadway sheet No. 3. There is a typo on proposal sheet P-2.
Question 02	Can you provide your breakdown for how the quantity was arrived at for 5,500 CY of excavation and for 3,000 CY of embankment?
Response 02	The typical section was used to estimate the amount of earthwork. No cross-sections were developed for the construction documents.
Question 03	It appears from the cross section of the mountable traffic separator on sheet 13 that you want the asphalt and existing bricks removed from under the new traffic separator. Do you have a requirement for the new base thickness and type of material?
Response 03	Plans are now revised to use Optional Base Group 01 under the traffic separator. A bid item is now added. The intent is to place the base for the full depth from the bottom of the separator to the top of the existing subgrade.
Question 04	We do not see a pay item for the type D curb, base group 1, or red brick pavers shown on sheet 13. Can pay items be added?
Response 04	The plans have been revised to add pay items for the Type D curb, red brick pavers and Optional Base Group 01 for under the separator. Please note brick pavers may be available to be provided by the City. For this reason, there are now two bid items for the brick pavers, one for furnish and install, and one for just install. If the brick pavers are not available from the City, the Contractor will need to provide a sample and have it approved by the City before they are purchased by the Contractor and installed.
Question 05	Will the clearing and grubbing be field measured? If so, we do not find 4 acres of clearing and grubbing.
Response 05	Clearing and grubbing is to be changed to lump sum with a quantity of one (1).
Question 06	Do you have any asphalt core reports available?
Response 06	Yes there are two asphalt cores for Phase 3A. They are attached to this response.
Question 07	General Note #21 mentions Green Colored Pavement to be included in pay item 334-1-11. This pay item doesn't exist on this project. Is there green pavement on this job?
Response 07	Yes, there are green pavement markings. General Note # 21 is deleted from sheet 7 of the Roadway plans. The pay item used for the green pavement markings is 523-1-3.

Sincerely,
 Kisinger Campo and Associates, Inc.



Alfredo Cely, P.E.
 Project Manager



**Core C-04: 4" Asphalt
10" Limerock Base
SAND with silt (A-3) Subbase**

Nuccio Parkway, Outside NB Lane, 590-ft. North of N. Nebraska Avenue Intersection

	<p>Green Spine Cycle Track City of Tampa, Hillsborough County, Florida COT Contract No.: 17-D-00022</p>	<p>For:</p> <p>Kisinger Campo & Associates</p>
		<p>MC² Project No. T021705.031</p>
	<p>PAVEMENT CORE SUMMARY</p>	<p>Date: 5/29/18</p>



**Core C-05: 3 ½" Asphalt
 8 ½" Limerock Base
 SAND with silt (A-3) Subbase**

Nuccio Pkwy, Outside NB Lane, 90-ft. North of E. 6th Avenue Intersection

	<p>Green Spine Cycle Track City of Tampa, Hillsborough County, Florida COT Contract No.: 17-D-00022</p>	<p>For: Kisinger Campo & Associates</p>
		<p>MC² Project No. T021705.031</p>
	<p>PAVEMENT CORE SUMMARY</p>	<p>Date: 5/31/18</p>