

THIS PROJECT TO BE LET TO CONTRACT
WITH FINANCIAL PROJECT ID(S):
439476-4-58-01

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

CITY OF TAMPA MOBILITY DEPARTMENT

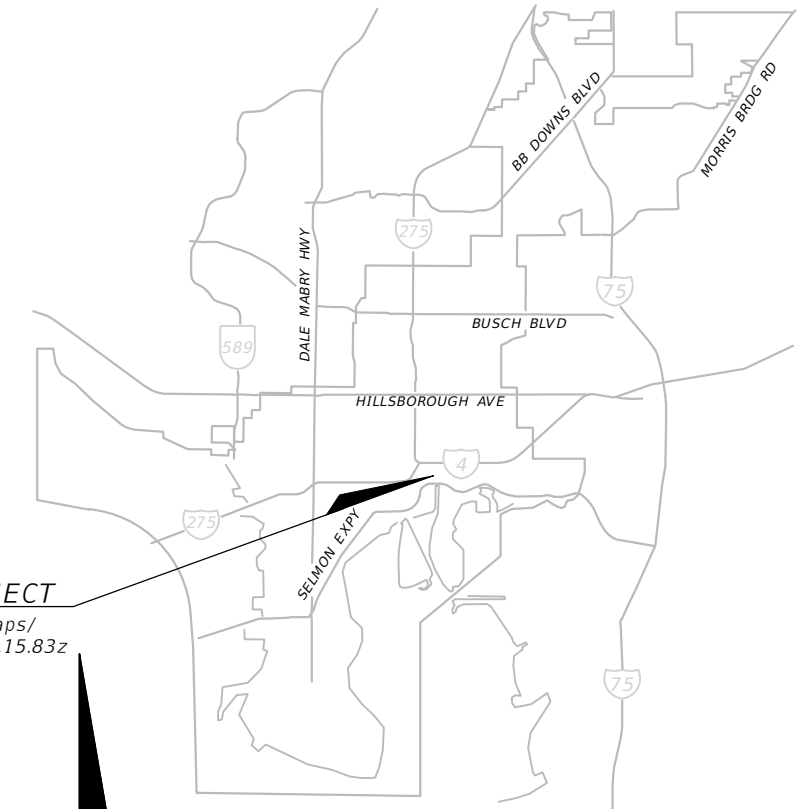
CONTRACT PLANS

FINANCIAL PROJECT ID 439476-3-58-01
FINANCIAL PROJECT ID 439476-3-58-02
(FEDERAL FUNDS)

E/W GREEN SPINE CYCLE TRACK -
PH. 3B FROM 7TH AVE. TO 13TH AVE.

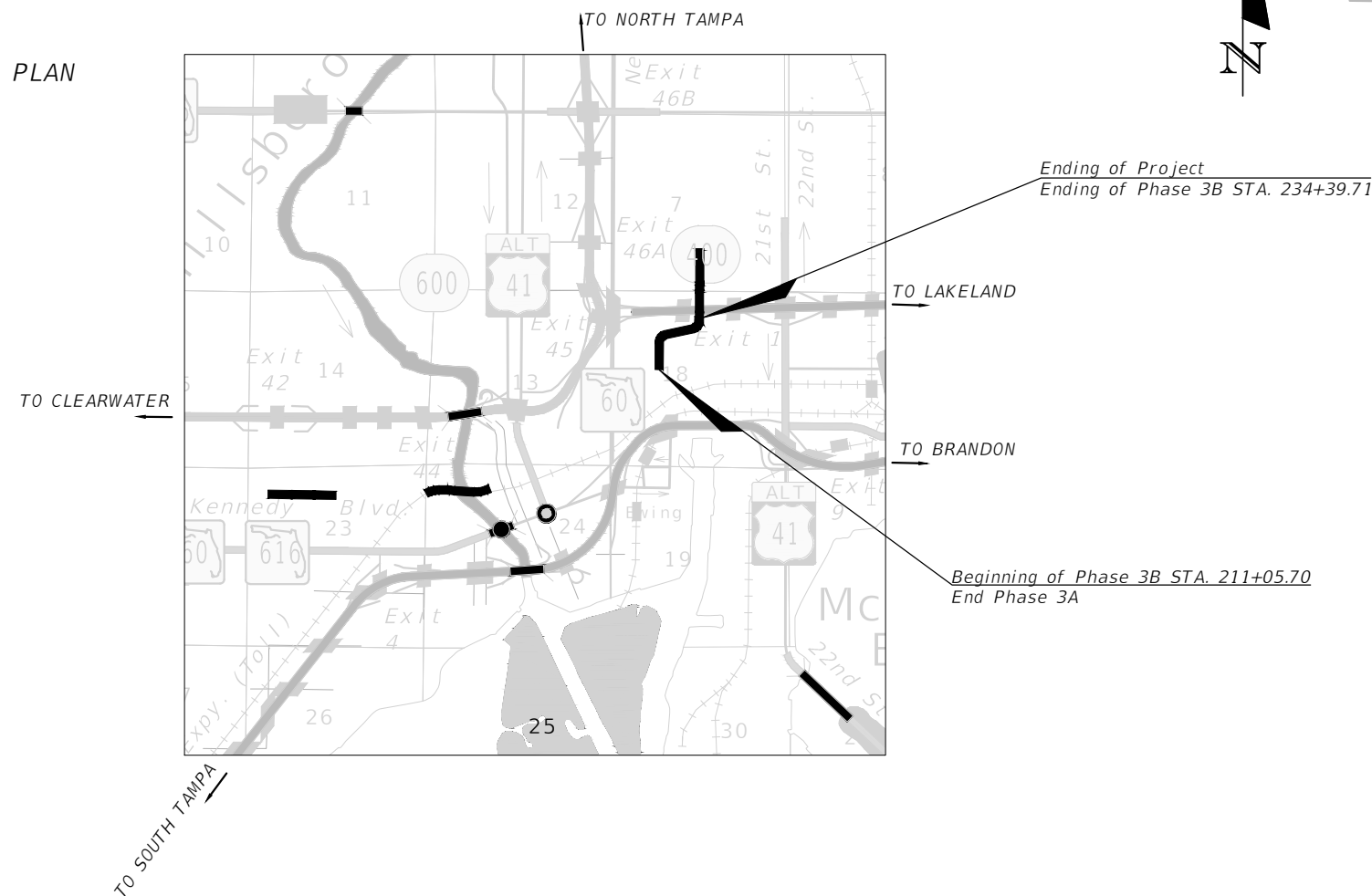
INDEX OF ROADWAY PLANS

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LOCATION OF PROJECT

<https://www.google.com/maps/@27.9642545,-82.4423443,15.83z>



**FINAL SUBMITTAL
SEPTEMBER 24, 2021**

ENGINEER OF RECORD:
FATHY ABDALLA, P.E.
P.E. NO.: 63914
KISINGER CAMPO & ASSOCIATES CORP.
201 N FRANKLIN STREET, SUITE 400
TAMPA, FL, 33602
(813) 871-5331
CONTRACT NO.: 21-C-00022
VENDOR NO.: 59-1677145

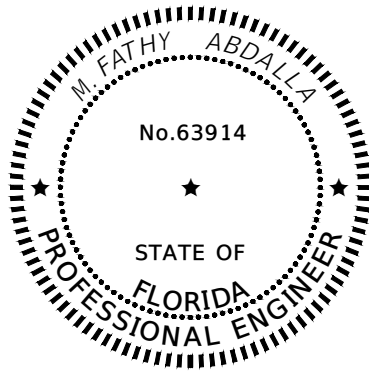
CITY OF TAMPA PROJECT MANAGER:
NINA S. MABILLEAU E.I.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
21-C-00022		1

GOVERNING DESIGN STANDARD:
FLORIDA DEPARTMENT OF TRANSPORTATION, FY2021-22 DESIGN STANDARDS EBOOK (DSEB) AND APPLICABLE DESIGN STANDARDS REVISIONS (DSRS) AT THE FOLLOWING WEBSITE:
<https://www.fdot.gov/design/standardplans>

GOVERNING STANDARD SPECIFICATIONS:
CITY OF TAMPA AND FLORIDA DEPARTMENT OF TRANSPORTATION, JULY 2021 DIVISION II AT THE FOLLOWING WEBSITE:
<http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

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

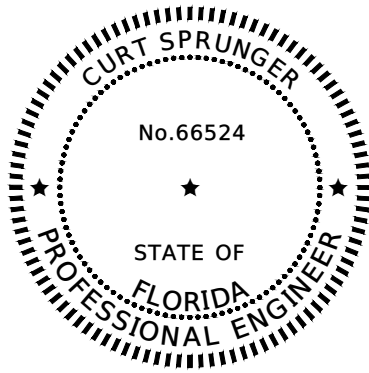
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KISINGER CAMPO & ASSOCIATES CORP.
201 N FRANKLIN ST, SUITE 400,
TAMPA, FL 33602
FLORIDA CERTIFICATE OF AUTHORIZATION
NO. 02317
FATHY ABDALLA, P.E. NO. 63914

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

PLAN INDEX

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KISINGER CAMPO & ASSOCIATES CORP.
201 N FRANKLIN ST, SUITE 400,
TAMPA, FL 33602
FLORIDA CERTIFICATE OF AUTHORIZATION
NO. 02317
CURT SPRUNGER, P.E. NO. 66524

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PLAN INDEX

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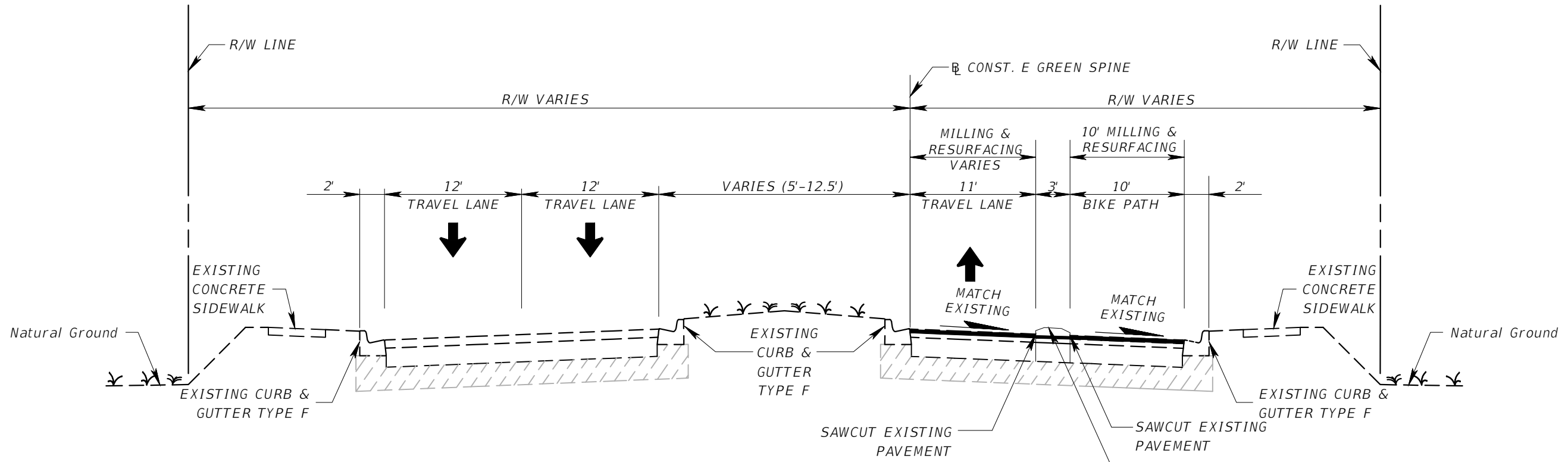
REVISIONS				KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 ENGINEER OF RECORD: FATHY ABDALLA, P.E. NO: 63914	CITY OF TAMPA MOBILITY DEPARTMENT			SIGNATURE SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT DESIGN NO.		
						HILLSBOROUGH	21-C-00022		

PHASE 3B - NUCCIO PKWY FROM 7TH AVE TO 13TH AVE

FLORIDA DEPARTMENT OF TRANSPORTATION					
SUMMARY OF PAY ITEMS					
LEAD PROJECT: 439476-1-58-01		DISTRICT: D7		COUNTY/SECTION:	
PROJECT: 43947615801		COUNTY: HILLSBOROUGH		COUNTY: HILLSBOROUGH	
PAY ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY		
			439476-3-58-01	439476-3-58-02	Total
101 1	MOBILIZATION	LS	0.15		0.15
102 1	MAINTENANCE OF TRAFFIC	LS	1.00		1.00
104 18	INLET PROTECTION SYSTEM	EA	10		10
285 701	OPTIONAL BASE, BASE GROUP 01	SY	640		640
425 5	MANHOLE, ADJUST	EA	4		4
435 100 2	INLET SPECIAL DRAINAGE GRATE	LF	144		144
110 1 1	CLEARING AND GRUBBING	LS	1		1
110 4 10	REMOVAL OF EXISTING CONCRETE	SY	39		39
327 70 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	6,604		6,604
337 7 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22	TN	555		555
520 1 10	CONCRETE CURB & GUTTER, TYPE F	LF	258		258
520 2 4	CONCRETE CURB, TYPE D	LF	199		199
520 70	CONCRETE TRAFFIC SEPARATOR, SP- VAR WIDTH	SY	568		568
522 1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	SY	27		27
522 2	CONCRETE SIDEWALK AND DRIVEWAYS, 6"	SY	42		42
527 2	DETECTABLE WARNINGS	SF	49		49
570 1 2	PERFORMANCE TURF(SOD)	SY	5		5
9910	ADJUST VALVE BOX (HEIGHT)	EA	2		2
PAY ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY		
			439476-3-58-01	439476-3-58-02	Total
0523 1 3	PATTERNED PAVEMENT, INCLUDING GREEN BIKE LANE	SY	150		150
0630 2 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	10		10
0630 2 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	250		250
0632 7 2	SIGNAL CABLE- REPAIR/REPLACE/OTHER, FURNISH & INSTALL	LF	95		95

FLORIDA DEPARTMENT OF TRANSPORTATION					
SUMMARY OF PAY ITEMS					
LEAD PROJECT: 439476-1-58-01		DISTRICT: D7		COUNTY/SECTION:	
PROJECT: 43947615801		COUNTY: HILLSBOROUGH		COUNTY: HILLSBOROUGH	
PAY ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY		
			439476-3-58-01	439476-3-58-02	Total
0635 2 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	2		2
0646 1 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	2		2
0650 1 14	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	4		4
0670 5400	TRAFFIC CONTROLLER ASSEMBLY, MODIFY	AS	1		1
0700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	5		5
0700 1 18	SINGLE POST SIGN, F&I GROUND MOUNT, IN-STREET FLEXIBLE POST SIGN	AS	8		8
0700 1 50	SINGLE POST SIGN, RELOCATE	AS	1		1
0700 1 60	SINGLE POST SIGN, REMOVE	AS	1		1
0705 11 3	DELINEATOR, FLEXIBLE HIGH VISIBILITY MEDIAN	EA	11		11
0710 90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS	1		1
0711 11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	480		480
0711 11124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	63		63
0711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	101		101
0711 11141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.252		0.252
0711 11160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	2		2
0711 11170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	23		23
0711 11224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	32		32
0711 14125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	340		340
0711 14160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	18		18
0711 16101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	0.394		0.394
0711 16102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.032		0.032
0711 16201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.469		0.469
0711 16231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6"	GM	0.303		0.303

REVISIONS				KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 ENGINEER OF RECORD: FATHY ABDALLA, P.E. NO: 63914	CITY OF TAMPA MOBILITY DEPARTMENT			<i>SUMMARY OF PAY ITEMS - (1)</i>	SHEET NO. 3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT DESIGN NO.		
					HILLSBOROUGH	21-C-00022			



TYPICAL SECTION I
PHASE 3B - NUCCIO PKWY. (7TH AVE. TO 13TH AVE.)
 STA. 211+05.70 TO 234+39.71

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

TRAFFIC DATA	
CURRENT YEAR	= 2019 AADT = 5,400
ESTIMATED OPENING YEAR	= 2025 AADT = 6,000
ESTIMATED DESIGN YEAR	= 2045 AADT = 7,900
K=9% D=100% T=8% (24 HOUR)	
DESIGN HOUR T	= 4%
DESIGN SPEED	= 30 MPH

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KISINGER CAMPO & ASSOCIATES CORP.
 201 N FRANKLIN ST, SUITE 400,
 TAMPA, FL 33602
 ENGINEER OF RECORD:
 FATHY ABDALLA, P.E. NO: 63914

CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	PROJECT DESIGN NO.
	HILLSBOROUGH	21-C-00022

TYPICAL SECTION - (1)

SHEET NO.
4

GENERAL NOTES

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
2. EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHOULD REMAIN UNLESS OTHERWISE NOTED.
3. 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. RIGHT OF WAY LINES RECEIVED FROM CITY SURVEYOR.
4. PROPOSED CONCRETE SIDEWALK TO BE 4" CONCRETE. SIDEWALK CROSSING DRIVEWAYS TO BE 6" CONCRETE.
5. AREAS DISTURBED OUTSIDE THE PAVEMENT SHALL BE RESTORED TO THEIR ORIGINAL NEW CONDITION. GRASSED AREAS DISTURBED SHALL BE RESTORED WITH PERFORMANCE SOD.
6. 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.
7. 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.
8. 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.
9. PROVIDE SUFFICIENT PERSONNEL AND EQUIPMENT ON THE JOB AT ALL TIMES DURING CONSTRUCTION TO SATISFY THE SPECIFICATIONS AND COMPLETE WORK.
10. VERIFY ALL QUANTITIES SHOWN ON THE PLANS. IF ANY DISCREPANCIES IN QUANTITIES ARE FOUND, NOTIFY THE PROJECT ENGINEER AND THE CITY.
11. ALL REGULATORY AND PERMITTING AGENCIES' REQUIREMENTS SHALL BE COMPLIED WITH.
12. 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.
13. 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 SHOULD VERIFY AND SHOULD 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.
14. 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.
15. VERIFY ALL UTILITIES AND PROVIDE AT LEAST 48 HOURS NOTICE TO THE INDIVIDUAL UTILITY AGENCY OWNERS AND CITY PRIOR TO CONSTRUCTION.
16. 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 SHOULD RESTORE ALL AREAS AFFECTED BY THE CONSTRUCTION TO IT'S ORIGINAL CONDITION, OR BETTER.
17. 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.
18. 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.
19. EXISTING UTILITIES NOT BEING RELOCATED, ARE TO REMAIN IN SERVICE.
20. CONTRACTOR SHOULD MAINTAIN ALL VEHICLE DETECTION THROUGHOUT THE ENTIRETY OF THE PROJECT AND UNTIL THE REPLACED DETECTION DEVICES HAVE PASSED INSPECTION
21. CONTRACTOR SHOULD COORDINATE WITH THE ADJACENT RRFB PROJECT BY CITY OF TAMPA FOR IMPLEMENTING A MIDBLOCK CROSSING BY THE ADJACENT PROJECT AT APPROX. STA. 224+50

22. THIS PROJECT IS TO BE CONSTRUCTED COMPLETELY WITHIN TRANSPORTATION RIGHT-OF-WAY.

CONSTRUCTION NOTES

1. DO NOT EXCAVATE ANY AREAS THAT CANNOT BE SAFELY REOPENED TO TRAFFIC WITHIN THE SAME WORK PERIOD.
2. 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.
3. CHECK ALL EROSION AND SILTATION CONTROL DEVICES AFTER EACH RAINFALL AND REPAIR OR REPLACE THEM AS NEEDED..
4. CHECK ALL FUGITIVE DUST GENERATED BY CONSTRUCTION ACTIVITIES IN THE PROJECT BY WATERING OR OTHER METHODS AS REQUIRED.
5. ALL UNSUITABLE MATERIAL ENCOUNTERED DURING CONSTRUCTION, AS DETERMINED BY THE CITY CONSTRUCTION INSPECTOR, SHALL BE REMOVED AND REPLACED WITH CLEAN FILL.
6. HISTORIC GRANITE CURBS WILL REMAIN IN PLACE THROUGHOUT THE PROJECT AND IN LOCATIONS WHERE CURB WORK IS ANTICIPATED, GRANITE CURBS WILL BE RE-INSTALLED
7. THIS PROJECT IS TO BE CONSTRUCTED COMPLETELY WITHIN TRANSPORTATION RIGHT-OF-WAY.

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).
3. ALL PROPOSED PIPE TO BE RCP CLASS II.

REVISIONS				KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 ENGINEER OF RECORD: FATHY ABDALLA, P.E. NO: 63914	CITY OF TAMPA MOBILITY DEPARTMENT			SHEET NO. 5
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT DESIGN NO.	
						HILLSBOROUGH	21-C-00022	

GENERAL NOTES - (1)

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CURVE DATA TABLE

NUMBER	PC STA.	PI STA.	PT STA.	T	D	Δ	DIRECTION	L	R	PC NORTH.	PC EAST.	PI NORTH.	PI EAST.	PT NORTH.	PT EAST.
C9	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
C10	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
C11	219+33.31	221+04.08	222+20.25	170.77	027° 13' 08"	078° 06' 03"	RT	286.936	210.500	1319395.5828	511971.4403	1319566.3475	511972.1596	1319600.8538	512139.4032
C12	230+99.19	232+60.90	233+71.16	161.71	028° 38' 52"	077° 54' 53"	LT	271.974	200.000	1319778.4594	513000.2132	1319811.1359	513158.5879	1319972.8420	513159.7941

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>
BM509	207+73.49	34.11	Rt.	511 988.352	1 318 236.436	21.73	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	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"
BM512	215+97.17	47.94	Lt.	511 922.086	1 319 059.648	28.30	Nail & Disc "City of Tampa TS&S Survey Control"
BM513	219+07.09	49.30	Lt.	511 922.027	1 319 369.571	33.79	Nail & Disc "City of Tampa TS&S Survey Control"
BM514	221+07.36	46.64	Lt.	512 008.601	1 319 584.629	40.93	Nail & Disc "City of Tampa TS&S Survey Control"
BM515	225+27.66	30.21	Rt.	512 446.581	1 319 633.383	38.65	Nail & Disc "City of Tampa TS&S Survey Control"
BM516	229+89.72	29.87	Rt.	512 899.034	1 319 727.081	32.37	Nail & Disc "City of Tampa TS&S Survey Control"
BM517	232+58.60	37.60	Rt.	513 159.798	1 319 846.062	32.89	Nail & Disc "City of Tampa TS&S Survey Control"
BM518	234+65.11	25.10	Rt.	513 203.568	1 320 048.336	34.82	Nail & Disc "City of Tampa TS&S Survey Control"
BM519	228+96.62	227.09	Lt.	512 745.832	1 320 008.898	35.10	Nail & Disc "City of Tampa TS&S Survey Control"

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

KISINGER CAMPO & ASSOCIATES CORP.
 201 N FRANKLIN ST, SUITE 400,
 TAMPA, FL 33602
 ENGINEER OF RECORD:
 FATHY ABDALLA, P.E. NO: 63914

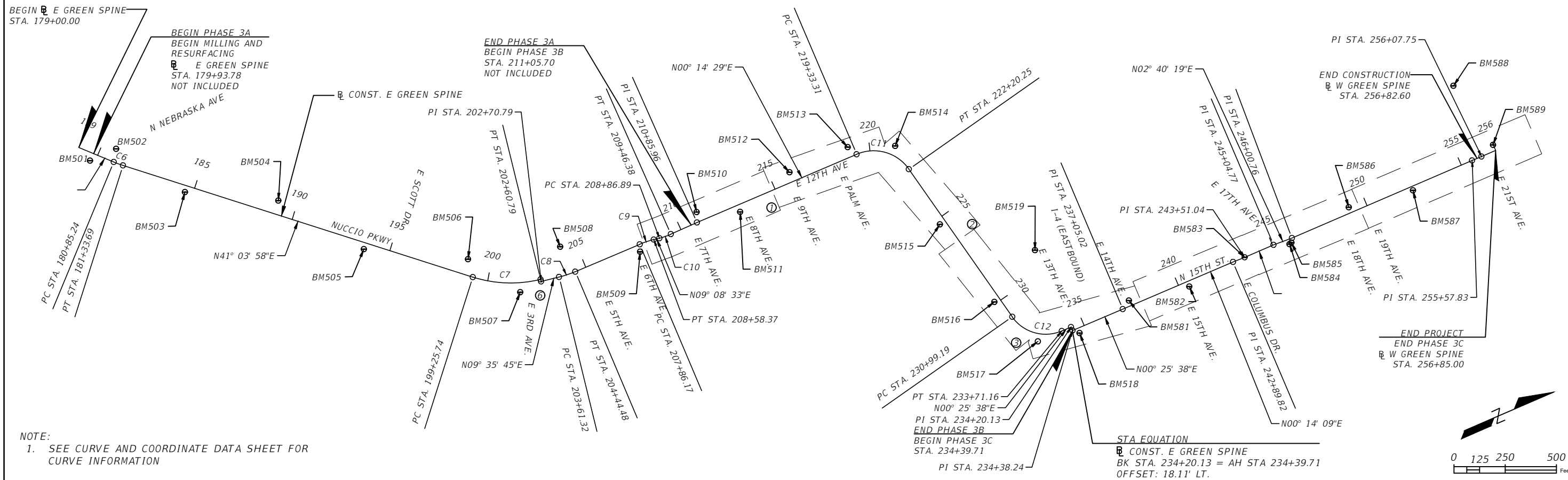
CITY OF TAMPA
 MOBILITY DEPARTMENT

ROAD NO.	COUNTY	PROJECT DESIGN NO.
	HILLSBOROUGH	21-C-00022

CURVE DATA TABLE & BENCHMARKS TABLE

SHEET NO.

6



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KISINGER CAMPO & ASSOCIATES CORP.
 201 N FRANKLIN ST, SUITE 400,
 TAMPA, FL 33602
 ENGINEER OF RECORD:
 FATHY ABDALLA, P.E. NO: 63914




CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	PROJECT DESIGN NO.
	HILLSBOROUGH	21-C-00022

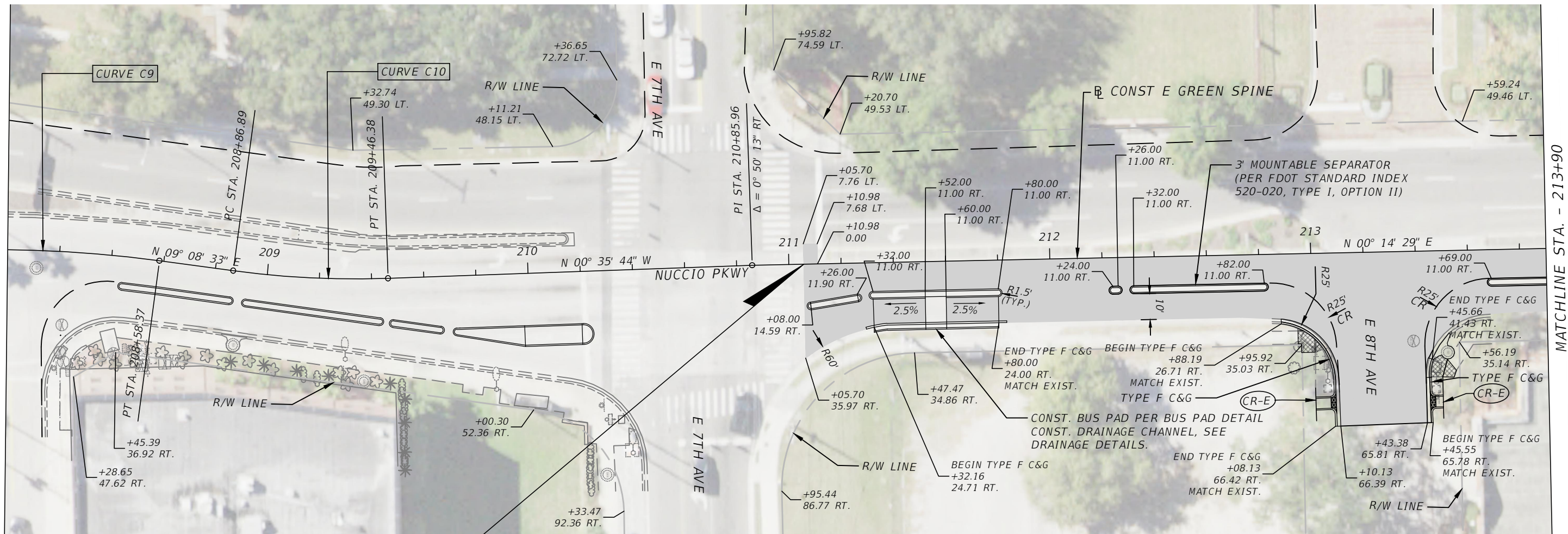
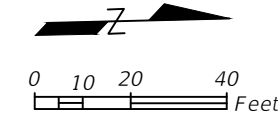
PROJECT LAYOUT

SHEET NO.
7

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LEGEND:

	MILLING AND RESURFACING
	CONCRETE REMOVAL
	DETECTABLE WARNINGS



END PHASE 3A
 MATCH FPID 439475-2-58-01
 BEGIN PHASE 3B
 BEGIN MILLING AND RESURFACING
 CONST. E GREEN SPINE
 STA. 211+05.70

- NOTES:
1. THE EXISTING INFORMATION SHOWN IN THESE PLANS WAS NOT FIELD SURVEYED. THIS INCLUDES THE EXISTING PAVEMENT EDGES, CURB AND GUTTER, ETC. CONTRACTOR NEEDS TO FIELD VERIFY ALL EXISTING MEASUREMENTS AND QUANTITIES IN THESE PLANS, WITH NO ADDITIONAL COST TO THE CITY.
 2. SEE SHEET # FOR ADDITIONAL CURVE DATA
 3. 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

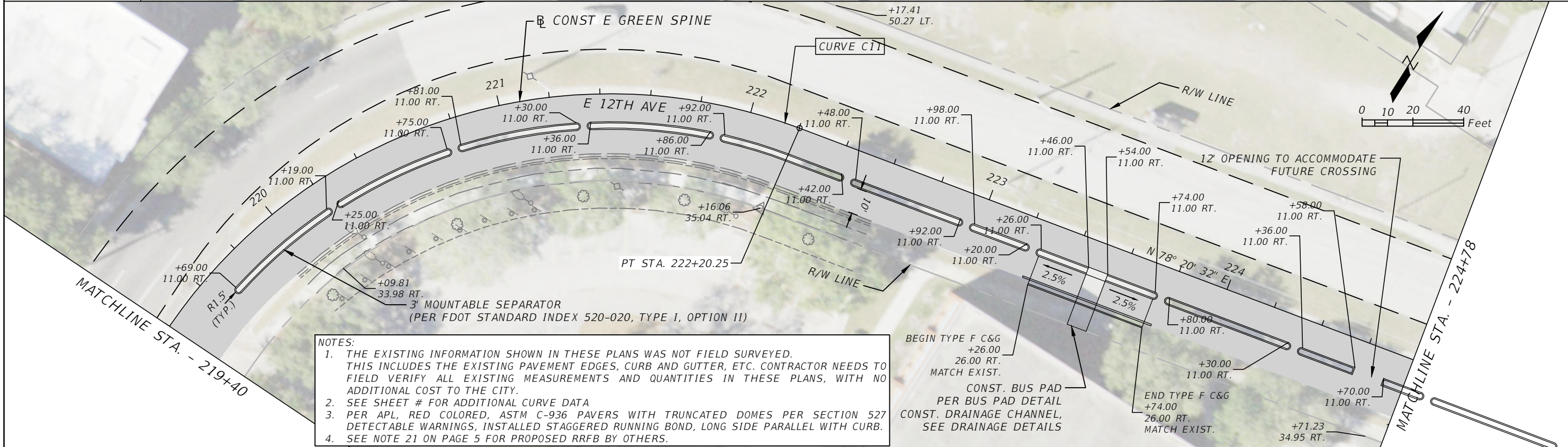
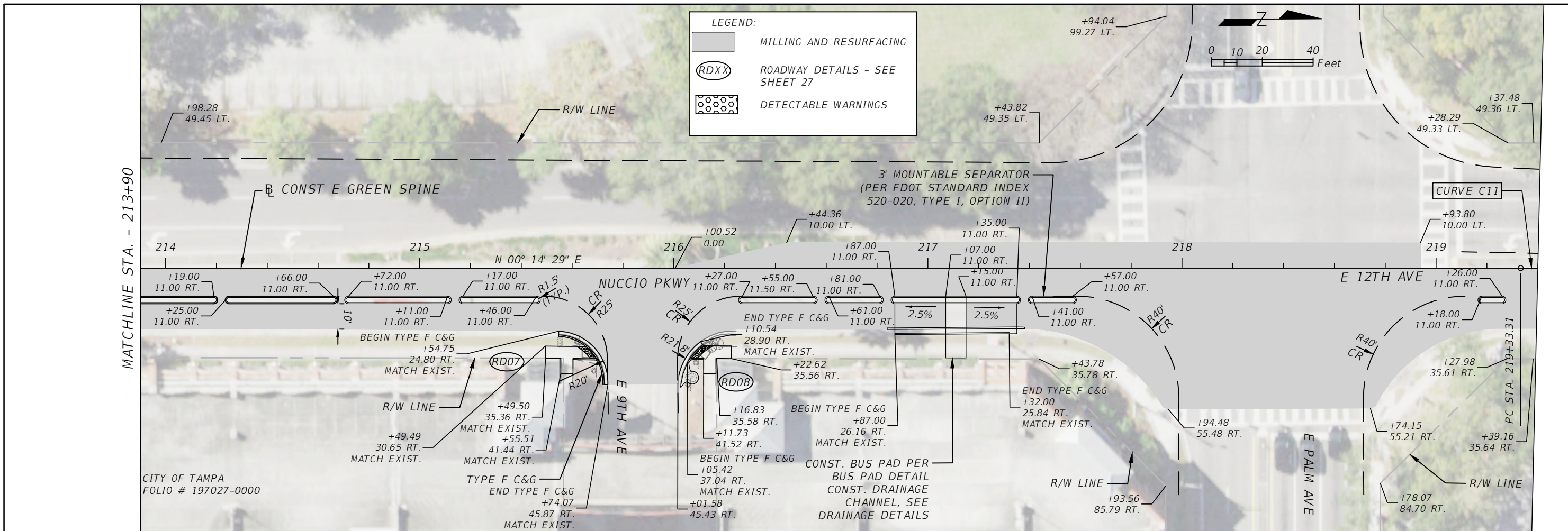
KISINGER CAMPO & ASSOCIATES CORP.
 201 N FRANKLIN ST, SUITE 400,
 TAMPA, FL 33602
 ENGINEER OF RECORD:
 FATHY ABDALLA, P.E. NO: 63914

CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	PROJECT DESIGN NO.
	HILLSBOROUGH	21-C-00022

ROADWAY PLANS - (1)

SHEET NO.
8

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

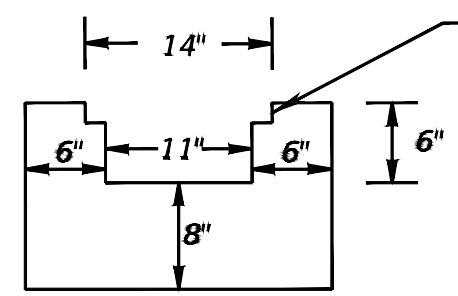
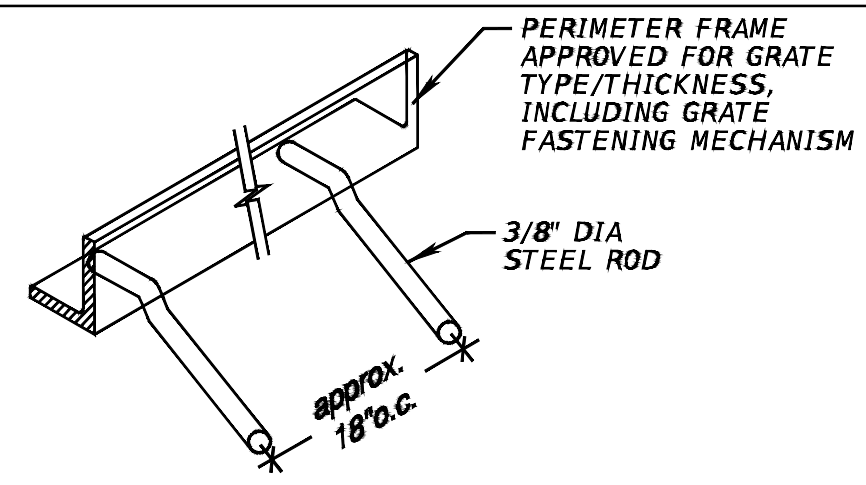
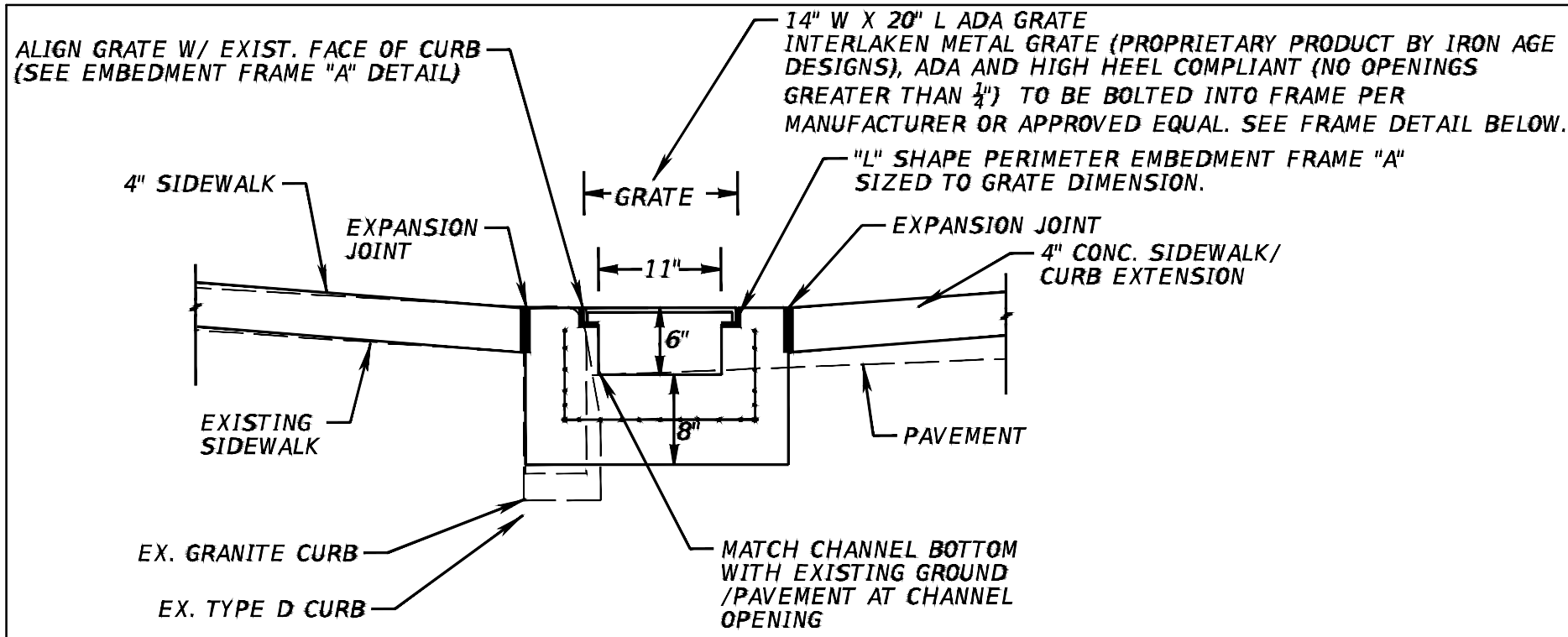


- NOTES:**
1. THE EXISTING INFORMATION SHOWN IN THESE PLANS WAS NOT FIELD SURVEYED. THIS INCLUDES THE EXISTING PAVEMENT EDGES, CURB AND GUTTER, ETC. CONTRACTOR NEEDS TO FIELD VERIFY ALL EXISTING MEASUREMENTS AND QUANTITIES IN THESE PLANS, WITH NO ADDITIONAL COST TO THE CITY.
 2. SEE SHEET # FOR ADDITIONAL CURVE DATA
 3. 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.
 4. SEE NOTE 21 ON PAGE 5 FOR PROPOSED RRFB BY OTHERS.

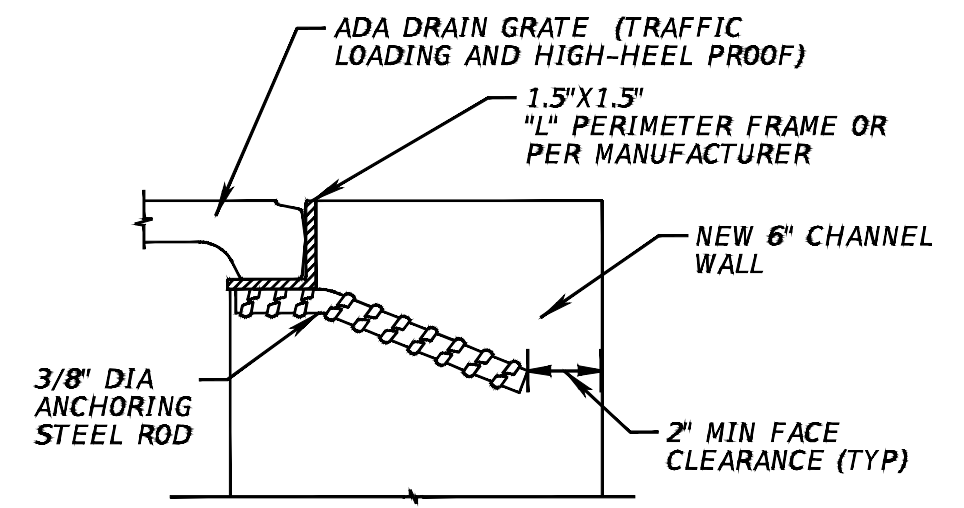
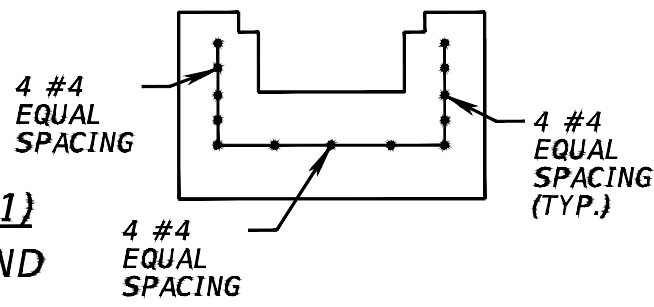
REVISIONS				KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 ENGINEER OF RECORD: FATHY ABDALLA, P.E. NO: 63914	CITY OF TAMPA MOBILITY DEPARTMENT			SHEET NO. 9
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT DESIGN NO.	
					HILLSBOROUGH	21-C-00022		

ROADWAY PLANS - (2)

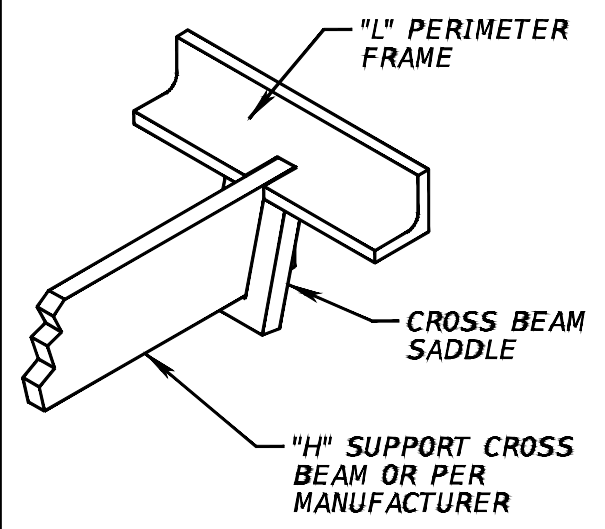
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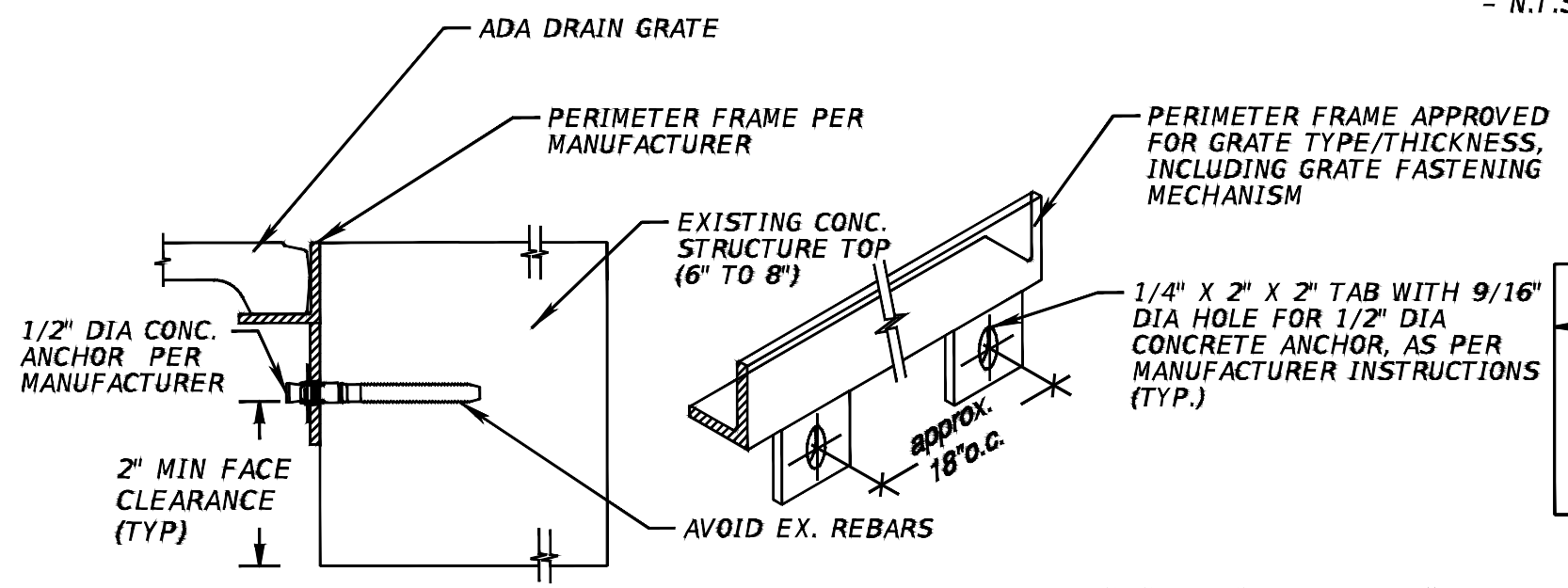
DRAINAGE CHANNEL DETAIL (1)
AT CHANNEL "DAYLIGHTING" END
- N.T.S. -



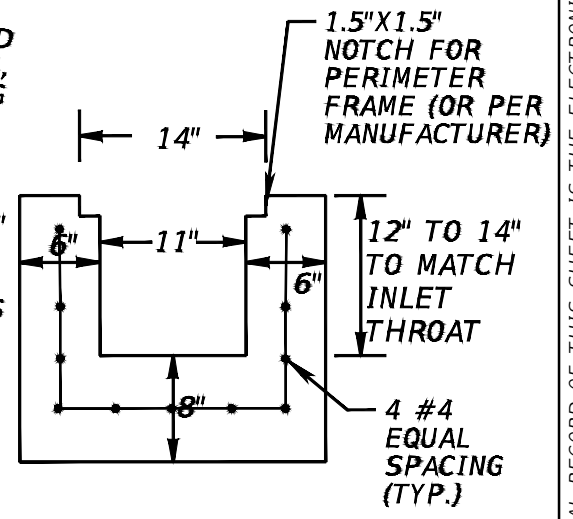
EMBEDMENT FRAME "A" TO "NEW" CONCRETE
- N.T.S. -



REMOVABLE H-SUPPORT CROSS BEAM
- N.T.S. -



EMBEDMENT FRAME "B" TO "EXISTING" CONCRETE
- N.T.S. -



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

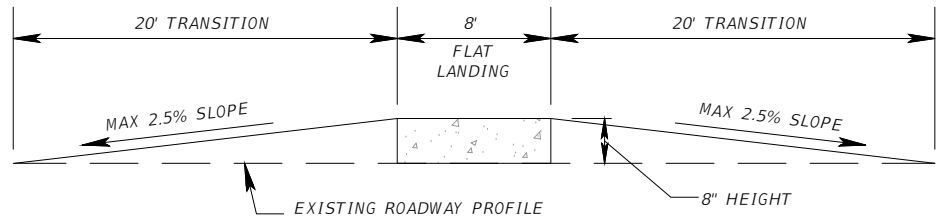
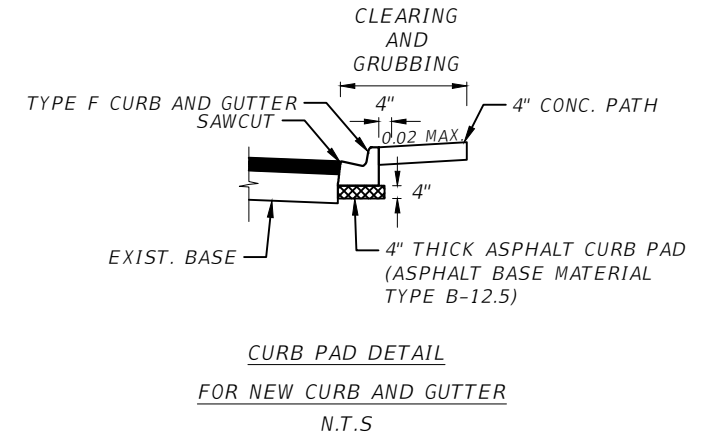
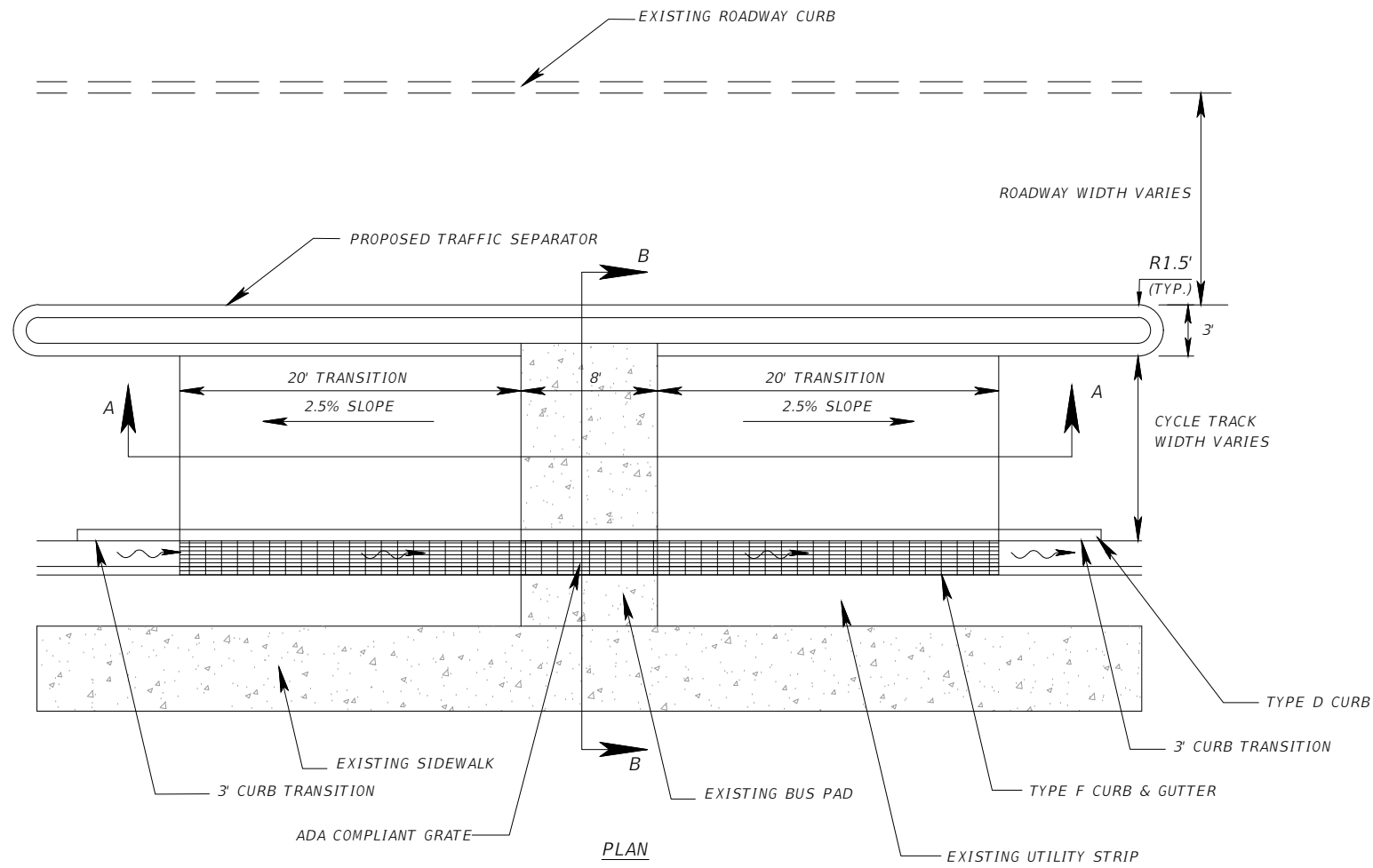
KISINGER CAMPO & ASSOCIATES CORP.
201 N FRANKLIN ST, SUITE 400,
TAMPA, FL 33602
ENGINEER OF RECORD:
CURT SPRUNGER, P.E. NO: 66524

CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	PROJECT DESIGN NO.
	HILLSBOROUGH	21-C-00022

DRAINAGE DETAIL SHEET

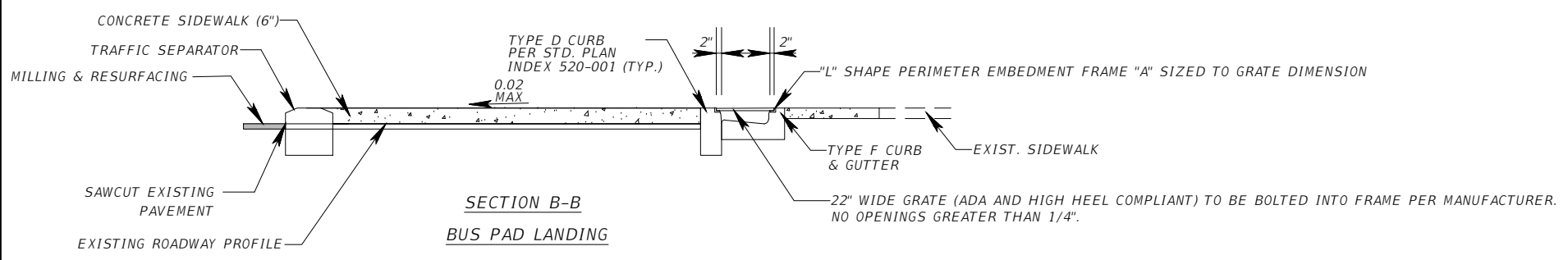
SHEET NO.
11

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



BUS Stops	From Sta.	To Sta.	Drainage Channel Length (FT.)
1	211+32.00	211+80.00	48
2	216+87.00	217+32.00	45
3	223+26.00	223+74.00	48

NOTE:
 1. ALL DRAINAGE CHANNELS TO MATCH EXIST. ELEVATIONS UNLESS OTHERWISE NOTED.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

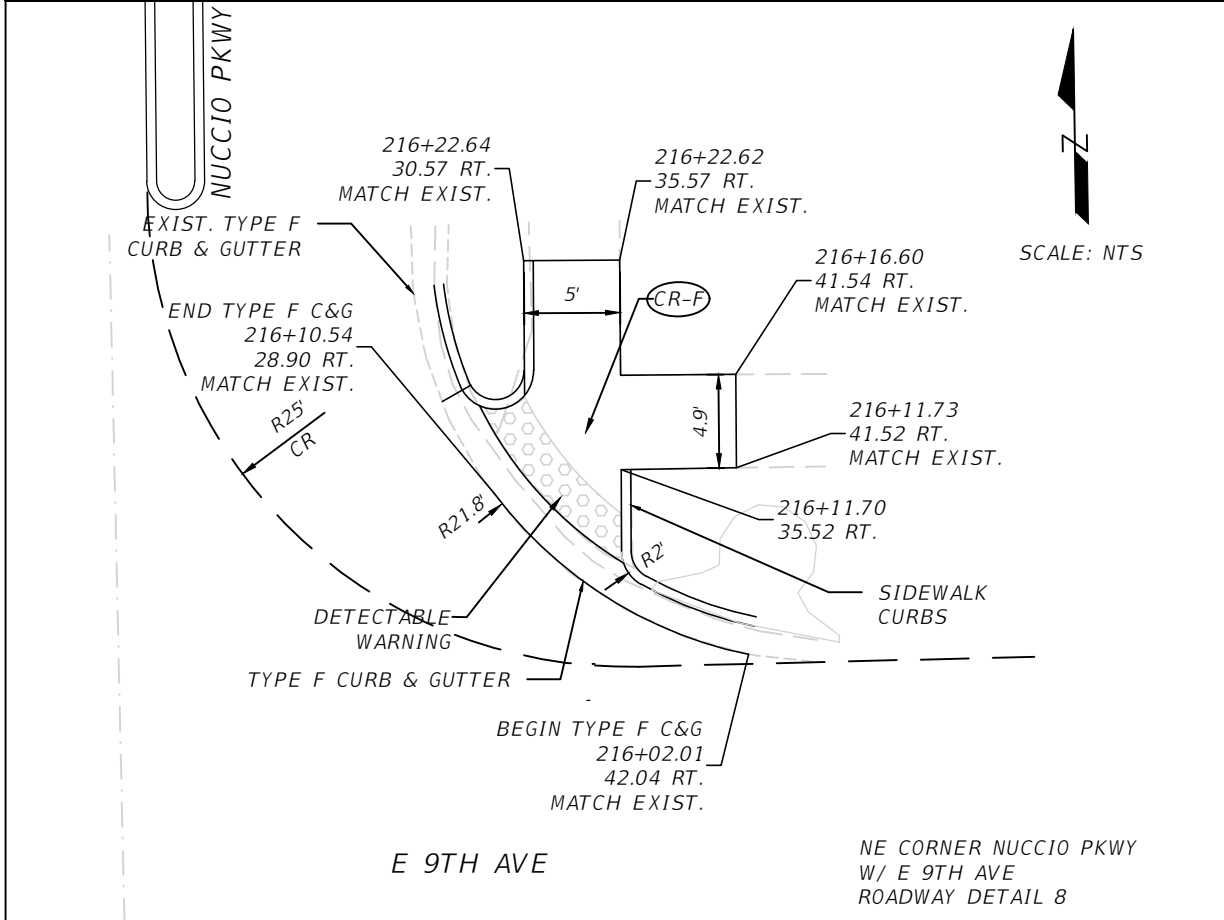
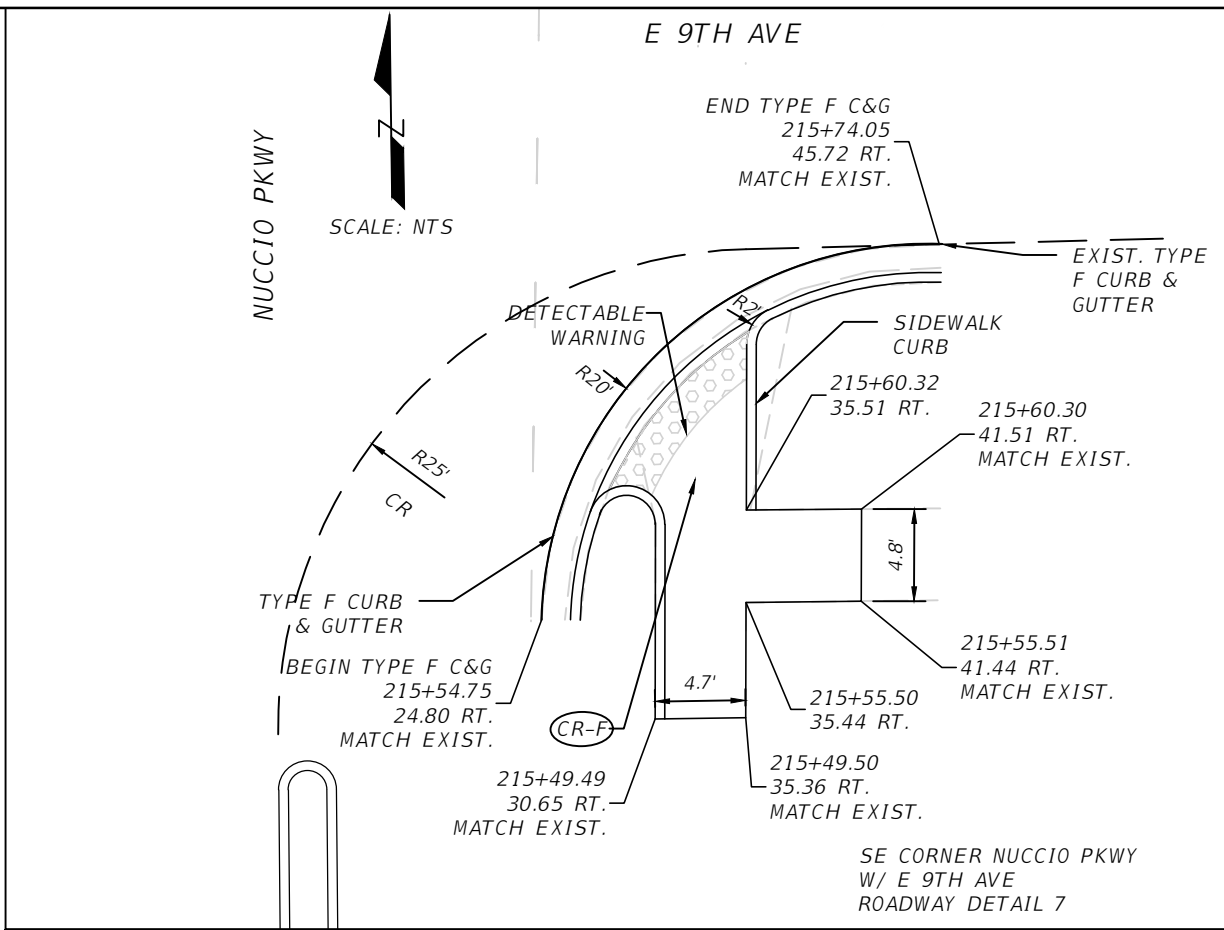
KISINGER CAMPO & ASSOCIATES CORP.
 201 N FRANKLIN ST, SUITE 400,
 TAMPA, FL 33602
 ENGINEER OF RECORD:
 FATHY ABDALLA, P.E. NO: 63914

CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	PROJECT DESIGN NO.
	HILLSBOROUGH	21-C-00022

SPECIAL DETAILS - (1)

SHEET NO.
12

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

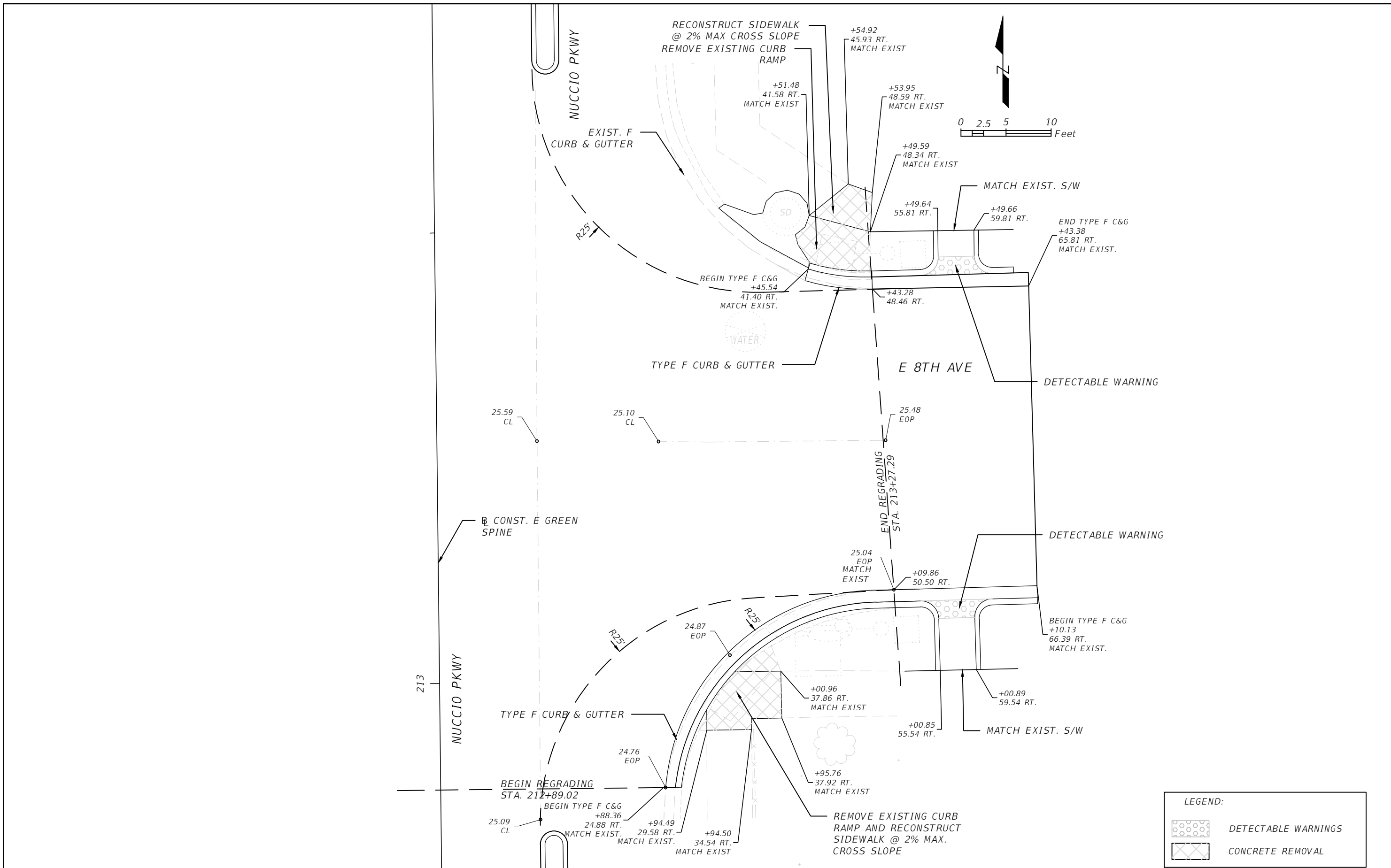
KISINGER CAMPO & ASSOCIATES CORP.
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 TAMPA, FL 33602
 ENGINEER OF RECORD:
 FATHY ABDALLA, P.E. NO: 63914

CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	PROJECT DESIGN NO.
	HILLSBOROUGH	21-C-00022

SPECIAL DETAILS - (2)

SHEET NO.
13

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



LEGEND:

	DETECTABLE WARNINGS
	CONCRETE REMOVAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

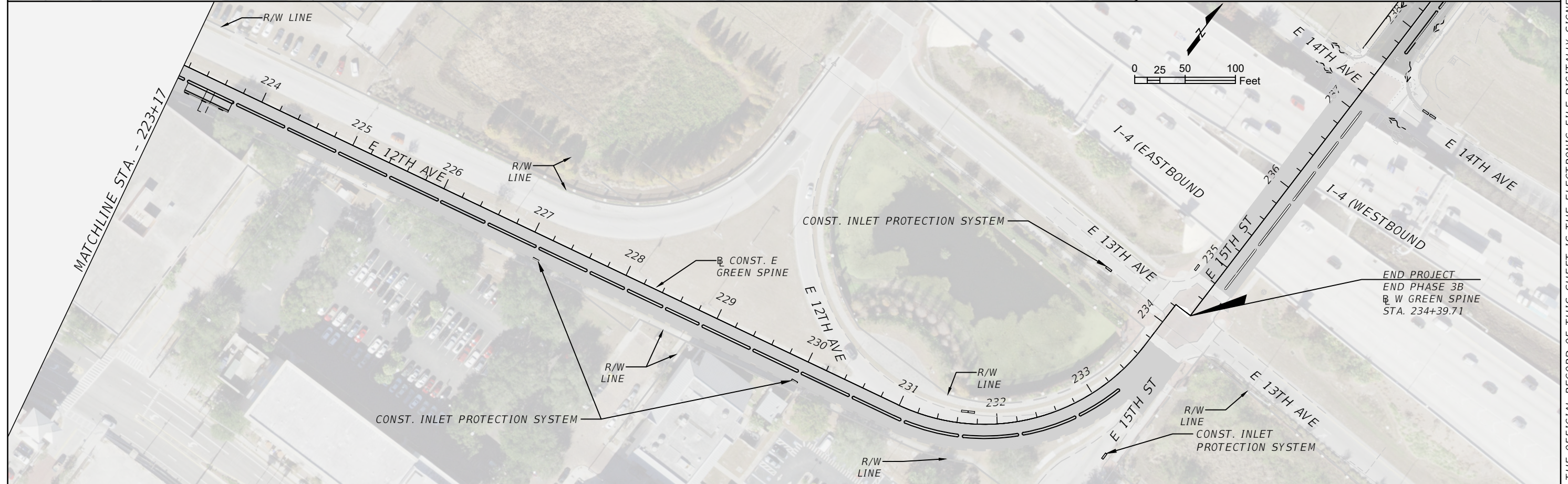
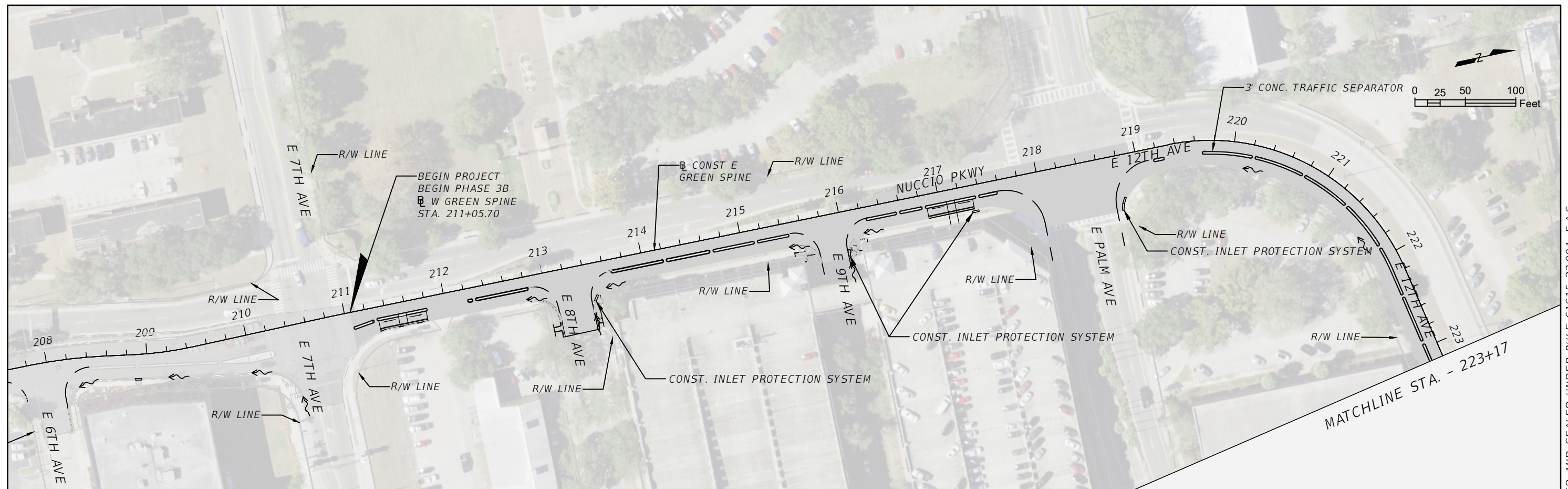
KISINGER CAMPO & ASSOCIATES CORP.
 201 N FRANKLIN ST, SUITE 400,
 TAMPA, FL 33602
 ENGINEER OF RECORD:
 FATHY ABDALLA, P.E. NO: 63914

CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	HILLSBOROUGH	21-C-00022

INTERSECTION DETAILS - (1)

SHEET NO.
14

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



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KISINGER CAMPO & ASSOCIATES CORP.
 201 N FRANKLIN ST, SUITE 400,
 TAMPA, FL 33602
 ENGINEER OF RECORD:
 CURT SPRUNGER, P.E. NO: 66524

CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	PROJECT DESIGN NO.
	HILLSBOROUGH	21-C-00022

EROSION CONTROL PLAN - (1)

SHEET NO.
15

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

I. SITE DESCRIPTION

A. CONSTRUCTION ACTIVITY

ACTIVITIES ON THIS PROJECT INCLUDE BUT ARE NOT LIMITED TO CONSTRUCTION OF A BI-DIRECTIONAL CYCLE TRACK ALONG NUCCIO PKWY, INTERSECTION GRADING FROM E 7TH AVENUE TO E 13TH AVENUE.

B. PROJECT LIMITS

THE PROJECT LIMITS ARE ALONG THE SOUTH SIDE OF NUCCIO PKWY FROM E 7TH AVENUE TO E 13TH AVENUE.

C. PROJECT DESCRIPTION

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.

D. MAJOR SOIL DISTURBING ACTIVITIES

CONSTRUCTION OF THE CYCLE TRACK, INTERSECTION GRADING AND STORMSEWER MODIFICATION.

E. TOTAL PROJECT LENGTH: 0.4 MILES

F. SOIL DATA

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)

H. DRAINAGE AREA: 4.2 AC

I. RECEIVING WATERS

EXISTING STORMSEWER SYSTEMS (HILLSBOROUGH RIVER AND TAMPA BAY)

J. WETLANDS AREAS

NO WETLAND IMPACTS

II. CONTROLS

ALL CONTROLS SHALL BE CONSISTENT WITH PERFORMANCE STANDARDS FOR EROSION AND SEDIMENT CONTROL AND STORM-WATER TREATMENT SET FORTH IN RULE 62-40.432, F.A.C., THE APPLICABLE STORM-WATER OR ENVIRONMENTAL RESOURCE PERMITTING REQUIREMENTS OF THE DEPARTMENT OR A WATER MANAGEMENT DISTRICT AND THE GUIDELINES CONTAINED IN THE FLORIDA DEVELOPMENT MANUAL: A GUIDE TO SOUND LAND AND WATER MANAGEMENT (DEP. 1988) AND ANY SUBSEQUENT AMENDMENTS.

A. SEQUENCE OF MAJOR ACTIVITIES

1. INSTALL INLET PROTECTION AS SHOWN ON THE EROSION AND SEDIMENT (E&S) PLAN AND CONSTRUCTION DRAWING.
2. INSTALL SILT FENCE.
3. STABILIZE, MAINTAIN, AND REPLACE E&S AS DIRECTED BY THE ENGINEER.
4. PERFORM WEEKLY INSPECTION OF E&S AND AFTER EVERY 1/2" RAINFALL.
5. REMOVE ALL SEDIMENTS THAT HAVE MIGRATED OFF SITE AS DIRECTED BY THE ENGINEER.
6. WHEN CONSTRUCTION ACTIVITY IS COMPLETE AND THE SITE IS STABILIZED, REMOVE EROSION PROTECTION DEVICES.

B. EROSION AND SEDIMENT CONTROL CONSTRUCTION ACTIVITIES

THE CONTRACTOR IS REQUIRED TO REVIEW THE SITE SPECIFIC EROSION CONTROL PLAN. THE CONTRACTOR MAY ALSO BE REQUIRED TO MODIFY THE PLAN OR MATERIALS TO ADAPT TO SEASONAL VARIATIONS OR SITE CONDITIONS. CONTRACTOR WILL COMPLY WITH E & S PLAN. ANY MODIFICATIONS TO THIS PLAN MUST BE SIGNED BY A PROFESSIONAL ENGINEER REPRESENTING THE CONTRACTOR. THE EROSION CONTROL DEVICES, DETAILS, AND NOTES APPLICABLE TO THESE ACTIVITIES ARE SPECIFIED IN THE PLANS. THE PROJECT ENGINEER IS RESPONSIBLE FOR DETERMINING IF ADDITIONAL CONTROLS ARE THE PROJECT ENGINEER MAY REQUIRE ADDITIONAL CONTROLS TO MEET STANDARDS AND REGULATIONS.

PERFORM DAILY INSPECTION OF EROSION AND SEDIMENT CONTROLS AFTER EVERY 1/2" RAINFALL

REMOVE ALL SEDIMENTS THAT HAVE MIGRATED OFF SITE AS DIRECTED BY THE ENGINEER

C. STABILIZATION PRACTICES

DURING CONSTRUCTION THE CONTRACTOR WILL PROVIDE STABILIZATION FOR AREAS WHICH HAVE BEEN CLEARED AND NOT REWORKED WITHIN FOURTEEN (14) CALENDAR DAYS. THE CONTRACTOR MAY UTILIZE TEMPORARY SEEDING OR TEMPORARY SODDING IN ACCORDANCE WITH SECTION 570 OF THE "FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".

- TEMPORARY SODDING
- TEMPORARY GRASSING
- PERMANENT SODDING OR SEEDING
- PRESERVATION OF NATURAL RESOURCES
- BUFFER ZONES

D. STRUCTURAL PRACTICES

- SYNTHETIC BALES (LF)
- ARTIFICIAL COVERINGS/ ROLLED EROSION CONTROL PRODUCTS (SY)
- INLET PROTECTION SYSTEM (EA)
- LITTER REMOVAL AND DISPOSAL (AC)
- MOWING (AC)
- SLOPE DRAINS (TEMPORARY)/ RUNOFF CONTROL STRUCTURES (LF)
- SOIL TRACKING PREVENTION DEVICE (EA)
- SEDIMENT BASINS/CONTAINMENT SYSTEMS (EA)
- SEDIMENT BASIN/ CONTAINMENT SYSTEM CLEANOUT (EA)
- FLOATING TURBIDITY BARRIER (LF)
- STAKED SILT FENCE (LF)
- CHEMICAL TREATMENT - POWDERED (SY)
- CHEMICAL TREATMENT (FLOC LOGS, DRUMS OF PRODUCT) (EA)

E. DESCRIPTION OF STORM WATER MANAGEMENT

WHERE NO PROPOSED STORMWATER SYSTEMS EXIST STORMWATER WILL DISCHARGE INTO EXISTING SYSTEMS AND SWALES. PROPOSED STORMSEWER SHALL BE CONSTRUCTED DURING THE INITIAL PHASE AND BE USED DURING CONSTRUCTION. THE OUTFALL STRUCTURES ARE TO BE PROTECTED WHEN TEMPORARY SEDIMENT BASINS, CONTAINMENT SYSTEMS OR PERMANENT STORMWATER MANAGEMENT FACILITIES ARE USED FOR EROSION AND SEDIMENT CONTROL TO PREVENT DOWNSTREAM SEDIMENTATION.

F. SANITARY WASTE

FDOT STANDARD SPEC. FOR ROAD AND BRIDGE CONSTRUCTION" SECTION 7 - 6 "SANITARY PROVISIONS. "THE CONTRACTOR SHALL PROVIDE AND MAINTAIN, IN A NEAT AND SANITARY CONDITION, SUCH ACCOMMODATION FOR THE USE OF HIS EMPLOYEES AS ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS AND REGULATIONS OF THE STATE AND LOCAL BOARDS OF HEALTH. COMMIT NO PUBLIC NUISANCE."

G. HAZARDOUS WASTE

THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE CITY IN WRITING IF ANY HAZARDOUS WASTE MATERIAL IS ENCOUNTERED DURING SITE INVESTIGATION OR CONSTRUCTION.

THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR NOTIFYING THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) WITHIN 24 HOURS OF THE DISCOVERY.

ALL HAZARDOUS WASTE MATERIALS, IF ENCOUNTERED, WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL, STATE, AND FEDERAL REGULATIONS. THE CONTRACTOR WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED.

IN CASE OF DISPOSING ANY HAZARDOUS WASTE MATERIAL FOLLOWING LOCAL, STATE, AND FEDERAL REGULATIONS, A COPY OF DISPOSAL MANIFEST HAS TO BE PROVIDED TO THE CITY IN TIMELY FASHION.

PERMITTEE CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

NINA MABILLEAU _____ DATE
CITY OF TAMPA TRANSPORTATION AND STORMWATER SERVICES

CONTRACTOR CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND, AND SHALL COMPLY WITH , THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION PLAN PREPARED THEREUNDER.

GENERAL CONTRACTOR NAME & TITLE _____ DATE

COMPANY NAME

COMPANY STREET ADDRESS

CITY, STATE, ZIP CODE

A. WATER QUALITY MONITORING (MIXING ZONES)

THE WATER THAT WILL BE SAMPLED FOR STATE WATER QUALITY STANDARDS FOR CONSTRUCTION ACTIVITIES PROHIBIT A TURBIDITY INCREASE OF GREATER THAN 29 NTU'S ABOVE AMBIENT CONDITIONS AT THE COMPLIANCE LOCATION OF THE MIXING ZONES. TO MAINTAIN THIS STANDARD, TURBIDITY MONITORING SHALL OCCUR DURING ALL IN-WATER CONSTRUCTION ACTIVITIES AT EACH COMPLIANCE AND BACKGROUND STATION. THE FOLLOWING PROCEDURE SHALL BE USED:

FREQUENCY: TWICE A DAY, AT LEAST 4 HOURS APART DURING FREQUENCY OF ACTUAL CONSTRUCTION OPERATIONS.

LOCATIONS: ALL STATIONS SHALL BE SAMPLED AT 2 FEET ABOVE LOCATIONS THE BOTTOM, AT MID-DEPTH, AND AT THE SURFACE, OR AS DIRECTED BY PERMITTING AGENCIES. IF WATER IS LESS THAN THREE FEET DEEP, ONLY MID-DEPTH SAMPLES ARE REQUIRED.

BACKGROUND: 500 FEET UP-CURRENT FROM THE CONSTRUCTION BACKGROUND ACTIVITY AND OUTSIDE OF ANY TURBIDITY PLUME FROM THE CONSTRUCTION ACTIVITY.

COMPLIANCE: 300 FEET DOWN CURRENT FROM THE CONSTRUCTION COMPLIANCE ACTIVITY WITHIN ANY VISIBLE TURBIDITY PLUME, OR AS DIRECTED BY PERMITTING AGENCIES.

METHOD: ALL SAMPLES SHALL BE COLLECTED WITH A KEMMERER, VAN DORN METHOD, OR SIMILAR SAMPLER WHICH IS DESIGNED TO COLLECT IN SITU WATER SAMPLES.

REPORTING: ALL MONITORING DATA SHALL BE SUBMITTED WITHIN ONE REPORTING WEEK OF ANALYSIS WITH DOCUMENTS CONTAINING THE FOLLOWING INFORMATION:

REVISIONS				KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 ENGINEER OF RECORD: CURT SPRUNGER, P.E. NO: 66524	CITY OF TAMPA MOBILITY DEPARTMENT			STORMWATER POLLUTION PREVENTION PLAN (1)	SHEET NO. 16
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT DESIGN NO.		
					HILLSBOROUGH	21-C-00022			

1. PERMIT NUMBER
2. DATES OF SAMPLING AND ANALYSIS
3. LOCATION OF SAMPLE (I.E., STATION AND WATER COLUMN LOCATION)
4. A STATEMENT DESCRIBING THE METHODS USED IN COLLECTION, HANDLING, STORAGE, AND ANALYSIS OF THE SAMPLES
5. A MAP INDICATING THE SAMPLING LOCATIONS
6. STATEMENT, BY THE INDIVIDUAL RESPONSIBLE FOR IMPLEMENTATION OF THE SAMPLING PROGRAM, CONCERNING THE AUTHENTICITY, PRECISION, LIMITS OF DETECTION AND ACCURACY OF DATA.

MONITORING REPORTS SHALL INCLUDE INFORMATION ON THE GENERAL ANTECEDENT WEATHER CONDITIONS.

IF MONITORING REVEALS VIOLATIONS OF THE STATE WATER QUALITY STANDARD FOR TURBIDITY, CONSTRUCTION ACTIVITIES SHALL CEASE IMMEDIATELY AND NOT RESUME UNTIL CORRECTIVE MEASURES HAVE BEEN TAKEN AND TURBIDITY HAS RETURNED TO ACCEPTABLE LEVELS. ANY SUCH OCCURRENCE SHALL ALSO BE IMMEDIATELY REPORTED TO THE REGULATORY AGENCIES. IN THE EVENT THAT STATE WATER QUALITY STANDARDS ARE NOT ATTAINED, THE CONTRACTOR SHALL IMPLEMENT A CONTINGENCY PLAN WHICH COMPLIES WITH THE PROJECT SWFWMD/FDEP ERP AND CITY OF TAMPA NPDES REQUIREMENTS AT NO ADDITIONAL COST TO THE COUNTY. ANY FINES SHALL BE RESPONSIBILITY OF THE CONTRACTORS.

K. APPROVED STATE, LOCAL PLANS, OR STORM WATER PERMITS

SWFWMD PERMIT EXEMPTION, FILE NUMBER 785609.

III. MAINTENANCE

A. ALL OF THE CONTROLS SHALL BE MAINTAINED AT ALL TIMES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY INSPECTION AND MAINTENANCE OF ALL PERMANENT AND TEMPORARY EROSION CONTROL DEVICES THROUGHOUT ALL CONSTRUCTION PHASES OF THE PROJECT.

B. INSPECTION

THE CITY INSPECTOR SHALL BE RESPONSIBLE FOR COMPLETING THE D.E.I. NPDES / SWPPP CONSTRUCTION INSPECTION REPORT AFTER ANY 1/2" RAINFALL OR WEEKLY, IF NO RAIN EVENT OCCURRED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN RAIN GAUGES ON THE PROJECT SITE AND RECORD WEEKLY RAIN FALL. THE CITY INSPECTOR SHALL ALSO COMPLETE THE CITY OF TAMPA D.E.I. NPDES COMPLIANCE CHECKLIST FOR CONSTRUCTION SITES.

C. NON-STORM WATER DISCHARGES

IT IS EXPECTED THAT THE FOLLOWING NON-STORM WATER DISCHARGES MAY OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIOD:

- PAVEMENT WASH WATERS (WHERE NO SPILL OR LEAKS OF VEHICLE AND HAZARDOUS MATERIALS HAVE OCCURRED)
- UNCONTAMINATED GROUNDWATER FROM DE-WATERING ACTIVITIES

ALL NON-STORM WATER DISCHARGES WILL BE DIRECTED TO THE SEDIMENT BASIN PRIOR TO DISCHARGE OR AS DIRECTED BY THE ENGINEER. IF CONTAMINATED SOIL OR GROUNDWATER IS ENCOUNTERED, DEATERING SHOULD CEASE IMMEDIATELY AND THE ENGINEER WILL BE CONTACTED.

D. MATERIAL MANAGEMENT PRACTICES

THE FOLLOWING ARE THE MATERIAL HANDLING PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF:

1. THE FOLLOWING GOOD HOUSEKEEPING PRACTICES SHALL BE FOLLOWED ON-SITE DURING THE CONSTRUCTION PROJECT.

- STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB ON SITE.
- ALL MATERIALS STORED ON SITE SHALL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR ORIGINAL MANUFACTURER'S LABELED CONTAINERS UNDER A ROOF OR OTHER CONTAINED ENCLOSURE.
- SUBSTANCES SHALL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.
- WHENEVER POSSIBLE, ALL OF A PRODUCT SHALL BE USED BEFORE DISPOSING OF THE CONTAINER. MANUFACTURERS' RECOMMENDATIONS FOR PROPER USE AND DISPOSAL SHALL BE FOLLOWED.
- THE SITE SUPERINTENDENT SHALL INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS ON-SITE.

2. THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS.

- PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RE-SEALABLE.
- SECONDARY CONTAINMENT SHALL BE PROVIDED FOR ALL OPENED CONTAINERS. ORIGINAL LABELS AND MATERIAL SAFETY DATA SHALL BE KEPT ON-SITE ON THE CONSTRUCTION OFFICE TRAILER.
- IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURERS OR LOCAL STATE RECOMMENDED METHODS OF PROPER DISPOSAL SHALL BE FOLLOWED.
- THE CONTRACTOR MUST IDENTIFY A DESIGNATED FUEL TANK STORAGE AREA, AWAY FROM DRAINAGE STRUCTURES, PONDS, BASINS, AND WETLANDS, WITH SECONDARY CONTAINMENT (SPILL COLLECTION).

3. CONCRETE TRUCKS

- CONTRACTOR SHALL DESIGNATE AN AREA AWAY FROM DRAINAGE STRUCTURES, PONDS, BASINS, AND WETLANDS FOR DISCHARGE OF SURPLUS CONCRETE OR DRUM WASH WATER AND SHALL INSTALL A CONTAINMENT BERM AROUND THIS AREA TO PREVENT RUNOFF TO THE REMAINDER OF THE SITE.
- HARD DEBRIS SHALL BE DISPOSED OF BY CONTRACTOR UPON COMPLETION OF THE PROJECT.
- DISPOSAL OF CONCRETE SLURRY DIRECTLY INTO PUBLIC DRAINAGE SYSTEMS IS A VIOLATION OF THE "ILLICIT DISCHARGE" PROVISION.

4. SPILL CONTROL PRACTICES

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIALS MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP.

- MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION CLEANUP SUPPLIES.
- ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.
- THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.

- SPILLS OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE.
- THE SPILL PREVENTION PLAN WILL BE PREPARED BY THE CONTRACTOR AND KEPT IN THE CONSTRUCTION OFFICE TRAILER AND WILL INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE ARE OTHERS. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED. ALL SPILLS AND RESPONSES WILL BE REPORTED TO THE APPROPRIATE AGENCY.
- THE SITE SUPERINTENDENT WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE WILL DESIGNATE OTHER SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IN THE OFFICE TRAILER ON SITE.
- USE AND CHARACTERISTICS OF FUEL OR CHEMICAL STORAGE TANK ON SITE SHALL COMPLY WITH ALL RELATED FEDERAL, STATE, AND LOCAL REGULATIONS. STORAGE TANKS MUST BE LOCATED AS FAR AS POSSIBLE FROM ANY DRAINAGE STRUCTURES, DITCHES, AND/OR SURFACE WATERS. IN ADDITION, THE CONTRACTOR MUST PROVIDE A SECONDARY CONTAINMENT WITH A LINER CHEMICALLY RESISTANT TO THE FUEL OR CHEMICAL STORED ON SITE. THE SECONDARY CONTAINMENT MUST BE SIZED TO CONTAIN MINIMUM OF ONE AND A HALF TIME THE TOTAL CAPACITY OF STORAGE TANK BEING USED. CONTRACTOR HAS TO PROVIDE A DAILY INSPECTION LOG FOR THE SECONDARY CONTAINMENT WITH INDICATION OF DATE, INSPECTORS NAME AND INSPECTION REPORT. FURTHERMORE, ANY CONTAMINATION HAS TO BE IMMEDIATELY CONTAINED AND THE COUNTY INSPECTOR MUST BE NOTIFIED OF THE NATURE AND EXTEND OF THE CONTAMINATION.

PERMITEE CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

NINA MABILLEAU, E.I. DATE
CITY OF TAMPA TRANSPORTATION AND STORMWATER SERVICES

CONTRACTOR CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND, AND SHALL COMPLY WITH , THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION PLAN PREPARED THEREUNDER.

GENERAL CONTRACTOR NAME & TITLE DATE

COMPANY NAME

COMPANY STREET ADDRESS

CITY, STATE, ZIP CODE

R E V I S I O N S				KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 ENGINEER OF RECORD: CURT SPRUNGER, P.E. NO: 66524	CITY OF TAMPA MOBILITY DEPARTMENT			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT DESIGN NO.	
					HILLSBOROUGH	21-C-00022	17	

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 I OR II BARRICADES, VERTICAL PANELS, TEMPORARY DRUMS OR TEMPORARY LOW PROFILE BARRIER AS APPROVED BY THE ENGINEER.
4. THE EXISTING SPEED LIMIT SHALL BE MAINTAINED AT ALL TIMES, UNLESS OTHERWISE NOTED IN THE PLANS.
5. THE CONTRACTOR SHALL NOTIFY THE ENGINEER A MINIMUM OF 7 DAYS IN ADVANCE OF ANY LANE CLOSURES.
6. 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.
7. PROVIDE A TEMPORARY TRAFFIC CONTROL PLAN, PREPARED BY A FDOT ADVANCED TRAFFIC CONTROL CERTIFIED PROFESSIONAL.
8. 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
9. 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
10. THE UNIVERSITY OF TAMPA SENIOR PROJECT MANAGER FOR DESIGN AND CONSTRUCTION SERVICES SHALL BE CONTACTED FOR CONSTRUCTION COORDINATION OF THE UNIVERSITY OF TAMPA ACCESS POINTS.
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:

MESSAGE 1	MESSAGE 2
NUCCIO PKWY CONST	BEGINS "BEGIN DATE"
MESSAGE 1	MESSAGE 2
E 12TH AVE CONST	BEGINS "BEGIN DATE"
MESSAGE 1	MESSAGE 2
N 15TH ST CONST	BEGINS "BEGIN DATE"

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

MESSAGE 1	MESSAGE 2
WEEKEND LANE CLOSURE	FRI PM TO MON AM

PHASE I NOTES:

THE INTENT OF THIS PHASE IS TO CONSTRUCT DRAINAGE, SIGNALIZATION AND ROADSIDE IMPROVEMENTS ALONG NUCCIO PKWY AND E 15TH ST

1. PLACE ADVANCE WARNING TRAFFIC CONTROL DEVICES AS SHOWN IN THE ADVANCED WARNING LAYOUT DETAIL AND AS SHOWN IN STANDARD PLANS FOR ROAD CONSTRUCTION (102 SERIES).
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 THE ROADWAY AND CONSTRUCT THE CYCLE TRACK SEPARATOR.

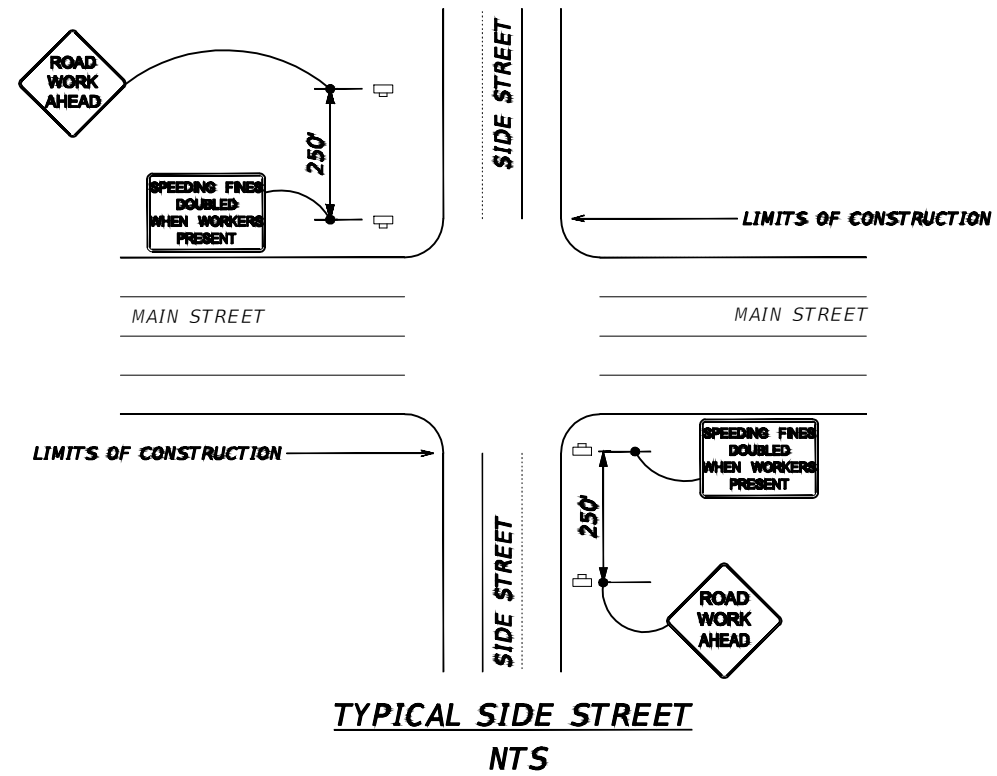
1. USE STANDARD PLANS 102-613, 102-615, 102-620, 102-625 AND 102-628 TO MILL AND RESURFACE THE PAVEMENT BETWEEN THE NORTHERN CURB LINE AND THE NORTHERN EDGE OF THE PROPOSED CYCLE TRACK SEPARATOR. THE PAVING OPERATION SHALL BE PERFORMED PER THE FINAL LANE CONFIGURATION. LEVEL THE JOINTS BETWEEN ALL UNMILLED 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, 102-615, 102-620, 102-625 AND 102-628 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 102-613 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 UNTIL THE CYCLE TRACK OPENS.
6. RESURFACE THE MILLED PAVEMENT USING STANDARD PLANS 102-613, 102-615, 102-620 AND 102-625.
7. PLACE TEMPORARY CROSSWALK AND STOPBAR PAVEMENT MARKINGS IN THE FINAL CONFIGURATION.
8. PLACE FINAL PAVEMENT MARKINGS (THERMO).
9. UNCOVER BICYCLE SIGNAL HEADS AND SHIFT BICYCLE TRAFFIC TO CYCLE TRACK.
10. 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.

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

MESSAGE 1
EXPECT LANE CLOSURE

REVISIONS				KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 ENGINEER OF RECORD: FATHY ABDALLA, P.E. NO: 63914	CITY OF TAMPA MOBILITY DEPARTMENT			TRAFFIC CONTROL PLAN - (1)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT DESIGN NO.		
						HILLSBOROUGH			21-C-00022



	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
 ENGINEER OF RECORD:
 FATHY ABDALLA, P.E. NO: 63914

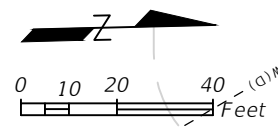
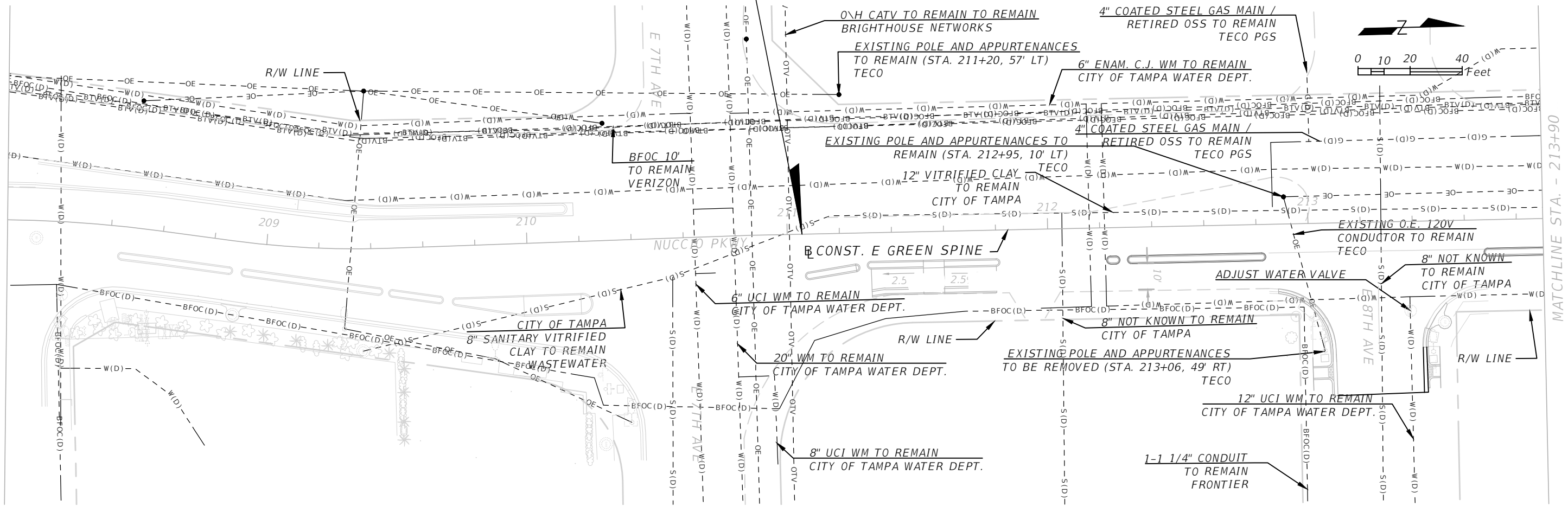
CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	PROJECT DESIGN NO.
	HILLSBOROUGH	21-C-00022

TRAFFIC CONTROL PLAN - (2)

SHEET
NO.

19

END PHASE 3A
 MATCH FPID 439475-2-58-01
 BEGIN PHASE 3B
 BEGIN MILLING AND RESURFACING
 E GREEN SPINE
 STA. 211+05.70



MATCHLINE STA. - 213+90

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

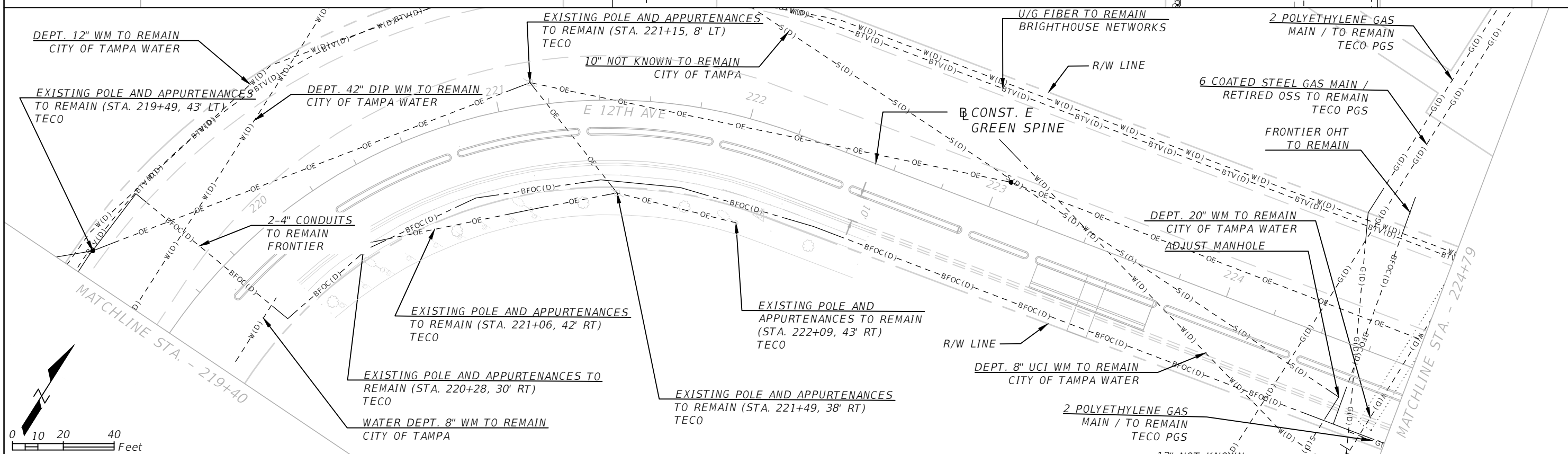
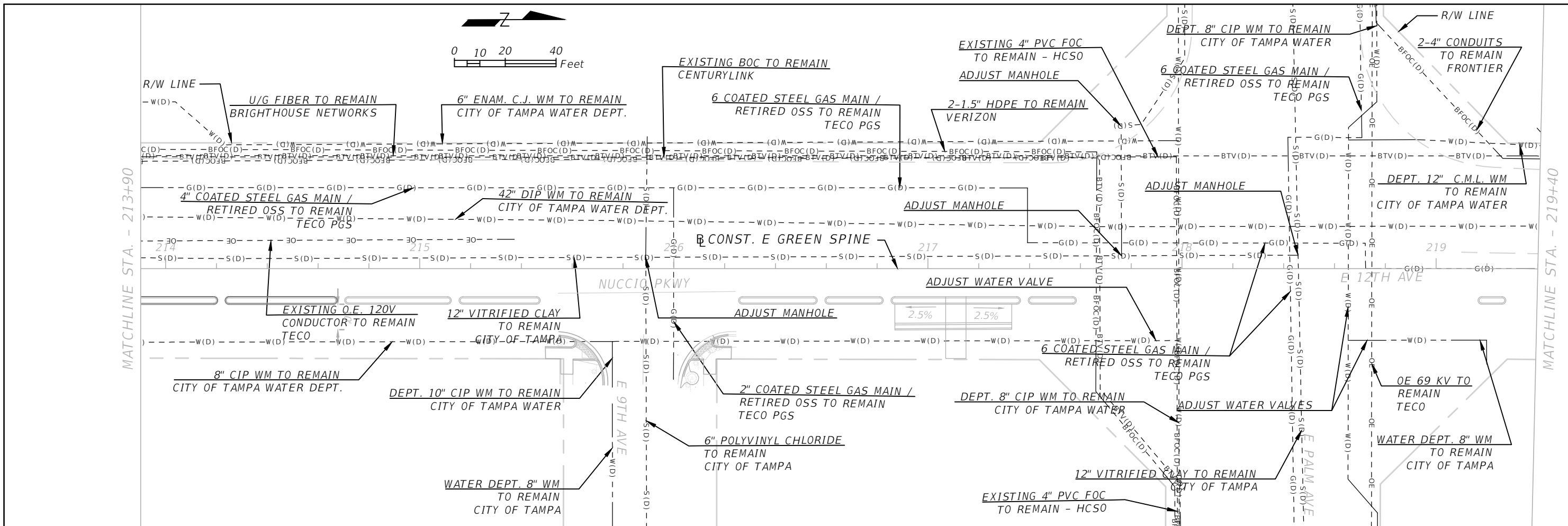
KISINGER CAMPO & ASSOCIATES CORP.
 201 N FRANKLIN ST, SUITE 400,
 TAMPA, FL 33602
 ENGINEER OF RECORD:
 FATHY ABDALLA, P.E. NO: 63914

CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	PROJECT DESIGN NO.
	HILLSBOROUGH	21-C-00022

UTILITY ADJUSTMENT SHEETS -
 (1)

SHEET NO.
 20

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

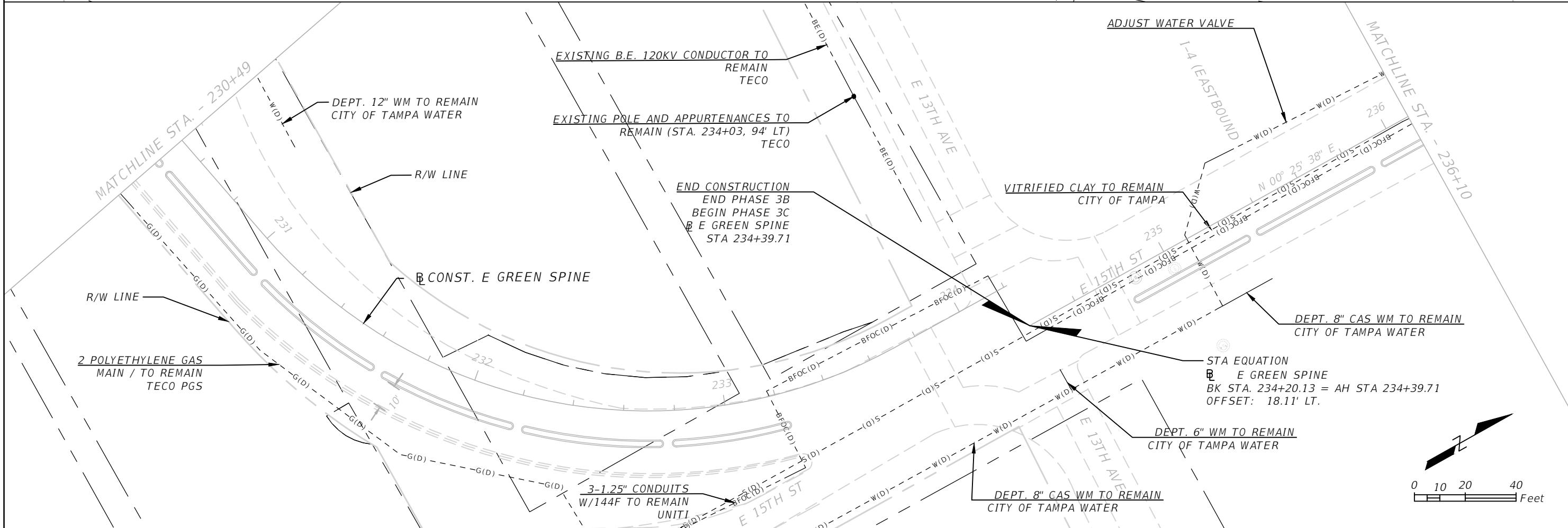
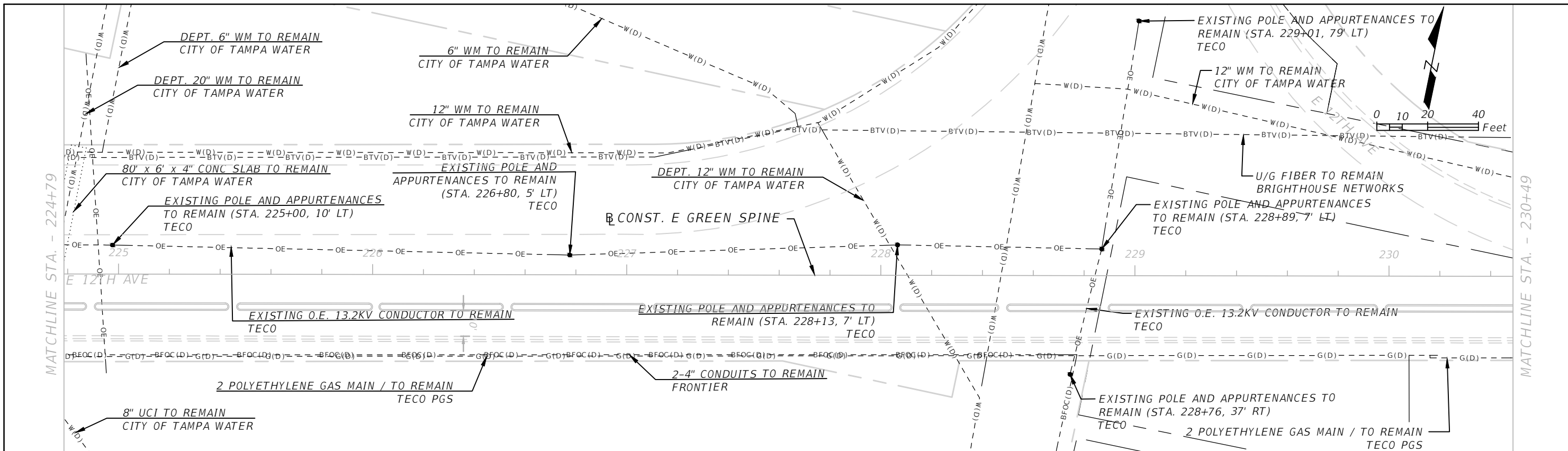
KISINGER CAMPO & ASSOCIATES CORP.
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 ENGINEER OF RECORD:
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CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	PROJECT DESIGN NO.
	HILLSBOROUGH	21-C-00022

UTILITY ADJUSTMENT SHEETS -
(2)

SHEET NO.
21

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KISINGER CAMPO & ASSOCIATES CORP.
 201 N FRANKLIN ST, SUITE 400,
 TAMPA, FL 33602
 ENGINEER OF RECORD:
 FATHY ABDALLA, P.E. NO: 63914

CITY OF TAMPA MOBILITY DEPARTMENT		
ROAD NO.	COUNTY	PROJECT DESIGN NO.
	HILLSBOROUGH	21-C-00022

UTILITY ADJUSTMENT SHEETS -
(3)

SHEET NO.
22

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

SUMMARY OF LUMP SUM ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
0101 1	MOBILIZATION	1			
0102 1	MOBILIZATION OF TRAFFIC	1			
0110 1 1	CLEARING AND GRUBBING	1			

PAY ITEM NOTES

- 0526 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).
- 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.
- 700-1-50 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.

INDEX OF SUMMARY OF QUANTITIES

SHEET NO.	SHEET DESCRIPTION
	SUMMARY OF LUMP SUM ITEMS
SQ-2	SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS
	SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES
SQ-3	SUMMARY OF PAVEMENT
SQ-4	SUMMARY OF MISCELLANEOUS DRAINAGE ITEMS
SQ-5,6	SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS
SQ-7	SUMMARY OF SIDEWALK & DETECTABLE WARNINGS
SQ-8	SUMMARY OF UTILITY ADJUSTMENTS
	SUMMARY OF PERFORMANCE TURF

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

KISINGER CAMPO & ASSOCIATES CORP.
 201 N FRANKLIN ST, SUITE 400,
 TAMPA, FL 33602
 ENGINEER OF RECORD:
 FATHY ABDALLA, P.E. NO: 63914

CITY OF TAMPA
 MOBILITY DEPARTMENT

ROAD NO.	COUNTY	PROJECT DESIGN NO.
	HILLSBOROUGH	21-C-00022

SUMMARY OF QUANTITIES

SHEET NO.

SQ1

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

SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	AREA ID	UNITS	SECONDARY UNITS (IF LUMP SUM)		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.				AREA (AC)	LENGTH (LF)	P	F		
0110 4 10	REMOVAL OF EXIST. CONCRETE				SY			39			
		212+94.49 to 213+00.96	RT.		6					CURB RAMP REMOVAL	
		213+45.54 to 213+54.92	RT.		7					CURB RAMP REMOVAL	
		212+88.39 to 213+10.13	RT.		11					EXIST. TYPE F CURB	
		213+43.38 to 213+45.54	RT.		6					EXIST. TYPE F CURB	
		215+54.75 to 215+75.05	RT.		7					EXIST. TYPE F CURB	
		216+02.01 to 216+10.54	RT.		2					EXIST. TYPE F CURB	

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION		SIDE	ARTIFICIAL COVERINGS		SEDIMENT BARRIER		SOIL TRACKING PREVENTION DEVICE		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
STA. TO STA.			0104 1		0104 10 3		0104 15		0104 18			
			SY		LF		EA		EA			
P	F		P	F	P	F	P	F	P	F		
213+48.23		RT.							1			
216+02.73		RT.							1			
217+33.78		RT.							1			
218+80.10		RT.							1			
218+77.76		RT.							1			
227+12.86		RT.							1			
229+96.26		RT.							1			
232+81.87		RT.							1			
234+08.86		LT.							1			
231+70.00		LT.							1			
SUB-TOTAL:									10			
TOTAL:									10			

REVISIONS				KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 ENGINEER OF RECORD: FATHY ABDALLA, P.E. NO: 63914	CITY OF TAMPA MOBILITY DEPARTMENT			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT DESIGN NO.		SQ2
						HILLSBOROUGH	21-C-00022		

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

SUMMARY OF PAVEMENT

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION			SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA.	TO	STA.				P	F	P	F		
0327 70 6	Milling Exist Asph Pavt, 1.5" Avg Depth	211+05.70	to	233+76.67	RT		SY	6604		6604			
0337 7 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22	211+05.70	to	233+76.67	RT		TN	555		555		BUS STOPS SLOPED PAVEMENT INCLUDED	

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

KISINGER CAMPO & ASSOCIATES CORP.
 201 N FRANKLIN ST, SUITE 400,
 TAMPA, FL 33602
 ENGINEER OF RECORD:
 FATHY ABDALLA, P.E. NO: 63914

CITY OF TAMPA
 MOBILITY DEPARTMENT

ROAD NO.	COUNTY	PROJECT DESIGN NO.
	HILLSBOROUGH	21-C-00022

SUMMARY OF QUANTITIES

SHEET NO.

SQ3

SUMMARY OF MISCELLANEOUS DRAINAGE ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA.			P	F	P	F		
435-100-2	INLET SPECIAL DRAINAGE GRATE	211+56.00	RT.	LF	48.0		141			
		217+11.00	RT.	LF	45.0					
		223+50.00	RT.	LF	48.0					

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

KISINGER CAMPO & ASSOCIATES CORP.
 201 N FRANKLIN ST, SUITE 400,
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 FATHY ABDALLA, P.E. NO: 63914

CITY OF TAMPA
 MOBILITY DEPARTMENT

ROAD NO.	COUNTY	PROJECT DESIGN NO.
	HILLSBOROUGH	21-C-00022

SUMMARY OF QUANTITIES

SHEET NO.

SQ4

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION			SIDE	UNIT	QUANTITY				TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS	
		STA. TO STA.					GROSS LENGTH	DEDUCTIONS		NET LENGTH		P			F
								TYPE	LENGTH	P	F				
0520 2 4	Concrete Curb & Gutter, Type D	211+29.00	to	211+83.00	RT.	LF	54.0			54.0		199			
		213+01.00	to	213+07.00	RT.	LF	6.0			12.0					
		213+45.55	to	213+50.00	RT.	LF	4.5			8.9					
		215+60.32	to	215+70.09	RT.	LF	9.8			9.8					
		216+05.42	to	216+11.73	RT.	LF	6.3			6.3					
		216+84.00	to	217+38.00	RT.	LF	54.0			54.0					
		223+23.00	to	223+77.00	RT.	LF	54.0			54.0					
0520 1 10	Concrete Curb & Gutter, Type F	211+32.00	to	211+80.00	RT.	LF	48.0			48.0		258			
		212+83.19	to	213+08.13	RT.	LF	25.0			50.0					
		213+45.55	to	213+45.66	RT.	LF	0.1			24.0					
		215+54.75	to	215+74.07	RT.	LF	19.3			31.0					
		216+05.42	to	216+10.54	RT.	LF	5.1			9.0					
		216+87.00	to	217+35.00	RT.	LF	48.0			48.0					
		223+26.00	to	223+74.00	RT.	LF	48.0			48.0					
0520 70	Traffic Separator Concrete - SP-Var. width	211+08.00	to	211+26.00	RT.	SY	7.0			7.0		568.0			
		211+32.00	to	211+80.00	RT.	SY	17.0			17.0					
		212+24.00	to	212+26.00	RT.	SY	1.5			1.5					
		212+32.00	to	212+82.00	RT.	SY	17.5			17.5					
		213+69.00	to	214+19.00	RT.	SY	17.5			17.5					
		214+25.00	to	214+66.00	RT.	SY	14.5			14.5					
		214+72.00	to	215+11.00	RT.	SY	14.0			14.0					
		215+17.00	to	215+46.00	RT.	SY	10.5			10.5					
		216+27.00	to	216+55.00	RT.	SY	10.5			10.5					
		216+61.00	to	216+81.00	RT.	SY	8.0			8.0					
		216+87.00	to	217+35.00	RT.	SY	17.0			17.0					
		217+41.00	to	217+57.00	RT.	SY	6.5			6.5					
		219+18.00	to	219+26.00	RT.	SY	3.5			3.5					
		219+69.00	to	220+19.00	RT.	SY	16.5			16.5					
		220+25.00	to	220+75.00	RT.	SY	16.5			16.5					
		220+81.00	to	221+30.00	RT.	SY	16.5			16.5					
		221+36.00	to	221+86.00	RT.	SY	16.5			16.5					
221+92.00	to	222+42.00	RT.	SY	17.0			17.0							
222+48.00	to	222+92.00	RT.	SY	16.0			16.0							
222+98.00	to	223+20.00	RT.	SY	8.5			8.5							
223+26.00	to	223+74.00	RT.	SY	17.0			17.0							
223+80.00	to	224+30.00	RT.	SY	17.5			17.5							

REVISIONS				KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 ENGINEER OF RECORD: FATHY ABDALLA, P.E. NO: 63914	CITY OF TAMPA MOBILITY DEPARTMENT			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT DESIGN NO.		SQ5
						HILLSBOROUGH	21-C-00022		

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

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION			SIDE	UNIT	QUANTITY				TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS	
		STA. TO STA.					GROSS LENGTH	DEDUCTIONS		NET LENGTH		P			F
								TYPE	LENGTH	P	F				
0520 70	Traffic Separator Concrete - SP-Var. width	224+36.00	to	224+58.00	RT.	SY	8.0			17.5		568.0			
		224+70.00	to	224+86.00	RT.	SY	6.0			17.5					
		224+92.00	to	225+42.00	RT.	SY	17.5			17.5					
		225+48.00	to	225+98.00	RT.	SY	18.0			18.0					
		226+04.00	to	226+50.00	RT.	SY	16.5			16.5					
		226+56.00	to	227+06.00	RT.	SY	17.5			17.5					
		227+12.00	to	227+62.00	RT.	SY	17.5			17.5					
		227+68.00	to	228+03.00	RT.	SY	12.5			12.5					
		228+09.00	to	228+45.00	RT.	SY	13.0			13.0					
		228+51.00	to	228+85.00	RT.	SY	12.5			12.5					
		228+91.00	to	229+41.00	RT.	SY	17.5			17.5					
		229+47.00	to	229+94.00	RT.	SY	16.5			16.5					
		230+00.00	to	230+50.00	RT.	SY	17.5			17.5					
		230+56.00	to	231+06.00	RT.	SY	18.0			18.0					
		231+12.00	to	231+62.00	RT.	SY	19.0			19.0					
		231+68.00	to	232+18.00	RT.	SY	19.0			19.0					
		232+24.00	to	232+74.00	RT.	SY	19.0			19.0					
		232+80.00	to	233+22.00	RT.	SY	15.5			15.5					

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REVISIONS				KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 ENGINEER OF RECORD: FATHY ABDALLA, P.E. NO: 63914	CITY OF TAMPA MOBILITY DEPARTMENT			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT DESIGN NO.		SQ6
						HILLSBOROUGH	21-C-00022		

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS

LOCATION			SIDE	AREA ID	CONC SIDEWALK 4"		CONC SIDEWALK 6"		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS
					0522	1	0522	2	0527	2		
STA. TO STA.					SY		SY		SF			
					P	F	P	F	P	F		
211+52.00	to	211+60.00	RT.					10.7				
217+07.00	to	217+15.00	RT.					10.7				
223+46.00	to	223+54.00	RT.					10.7				
213+00.84	to	213+07.91	RT.					3.5				
213+45.36	to	213+49.66	RT.					2.2				
215+60.32	to	215+69.61	RT.					3.8				
212+94.50	to	213+00.96	RT.		4.9							
213+51.48	to	213+53.95	RT.		2.4							
215+49.49	to	215+60.32	RT.		8.9							
216+07.45	to	216+22.63	RT.		10.8							
213+00.84	to	213+02.84	RT.						10.3			
213+44.78	to	213+46.78	RT.						10.3			
215+67.61	to	215+69.61	RT.						13.6			
216+07.45	to	216+09.45	RT.						14.8			
SUB-TOTAL :					27.0		42.0		49.0			
TOTAL :					27.0		42.0		49.0			

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REVISIONS				KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 ENGINEER OF RECORD: FATHY ABDALLA, P.E. NO: 63914	CITY OF TAMPA MOBILITY DEPARTMENT			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT DESIGN NO.		SQ7
						HILLSBOROUGH	21-C-00022		

