

**CONTRACT PLANS COMPONENTS**

ROADWAY PLANS

**TAMPA HILLSBOROUGH  
EXPRESSWAY AUTHORITY**

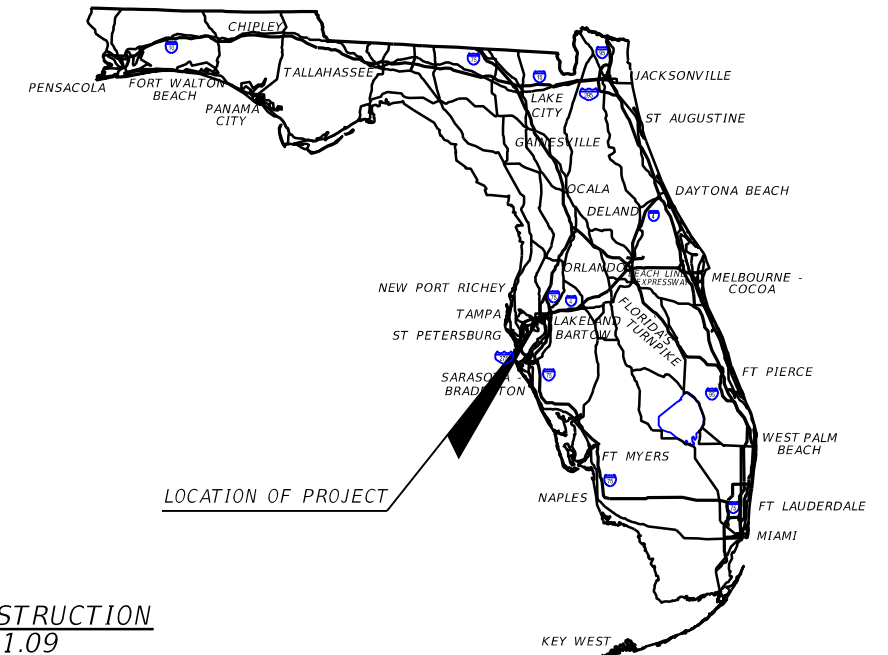
**CONTRACT PLANS**

THEA PROJECT ID O-02119  
HILLSBOROUGH COUNTY (10002)

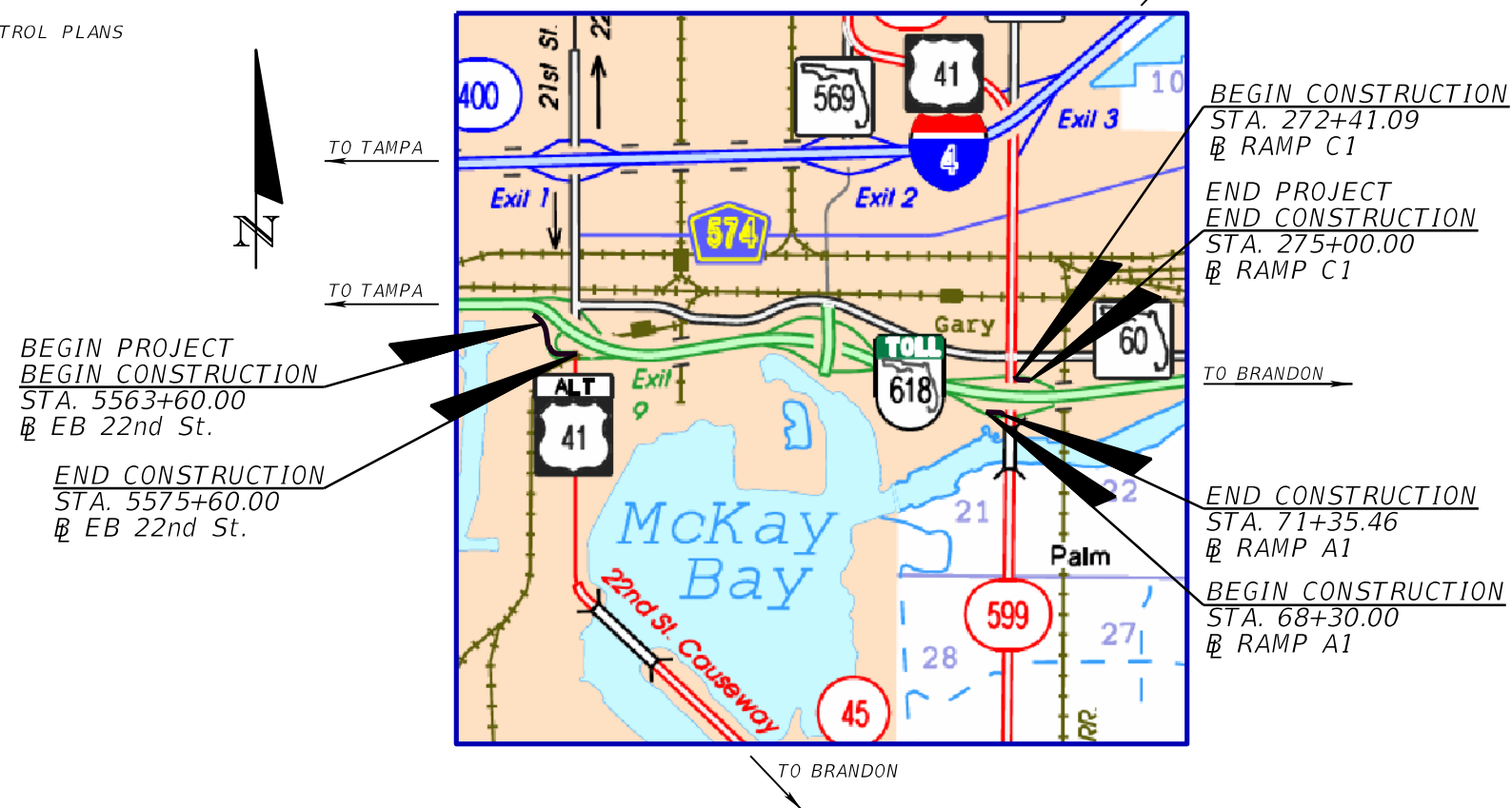
STATE ROAD NO. 618  
22ND ST. AND 50TH ST.  
RAMP CONCRETE RECONSTRUCTION AND RESURFACING

**INDEX OF ROADWAY PLANS**

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SQ-1-SQ-6	SUMMARY OF QUANTITIES



LOCATION MAP:  
SECTIONS 18, 19, 21, 22  
TOWNSHIP 29S; RANGE 19E



201 N. Franklin Street, Suite 400  
Tampa, Florida 33602  
Florida Certificate of Authorization No. 02317

**ROADWAY PLANS  
ENGINEER OF RECORD:**

JOHN W. BURTON, P.E. NO.: 57405  
KISINGER CAMPO AND ASSOCIATES CORP.  
CONSULTING ENGINEERS & PLANNERS  
201 N. FRANKLIN STREET, SUITE 400  
TAMPA, FLORIDA 33602  
(813) 871-5331  
CONTRACT No. H1-0132-D-03  
CERTIFICATE OF AUTHORIZATION No. 02317  
VENDOR No. 59-1677145

**FDOT PROJECT MANAGER:**

DAVID A. MAY, P.E.

**GOVERNING STANDARD PLANS:**

Florida Department of Transportation, FY2019-20 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

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

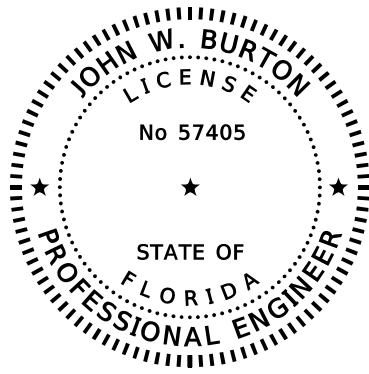
APPLICABLE IRs: N/A

**GOVERNING STANDARD SPECIFICATIONS:**

Florida Department of Transportation, JULY 2019 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

FISCAL YEAR	SHEET NO.
20	1

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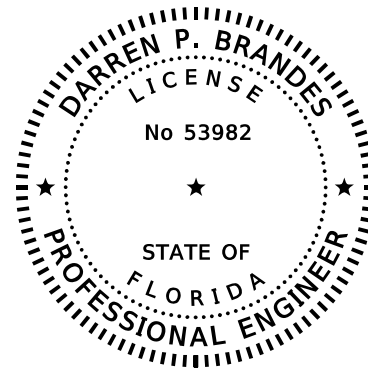
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201 N. FRANKLIN STREET, SUITE 400  
TAMPA, FLORIDA 33602  
CERTIFICATE OF AUTHORIZATION NO. 02317  
JOHN W. BURTON, P.E. NO. 57405

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

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3 - 4	TYPICAL SECTIONS
5 - 6	PROJECT CONTROL
7	GENERAL NOTES
8 - 12	ROADWAY PLANS
13 - 16	CONCRETE GRADING PLAN
17 - 25	ROADWAY CROSS SECTIONS
SQ-3 - SQ-5	SUMMARY OF QUANTITIES



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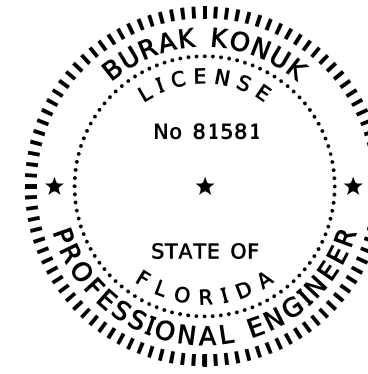
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201 N. FRANKLIN STREET, SUITE 400  
TAMPA, FLORIDA 33602  
CERTIFICATE OF AUTHORIZATION NO. 02317  
DARREN P. BRANDES, P.E. NO. 53982

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

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
33 - 43	TEMPORARY TRAFFIC CONTROL PLANS
SQ-1	SUMMARY OF QUANTITIES



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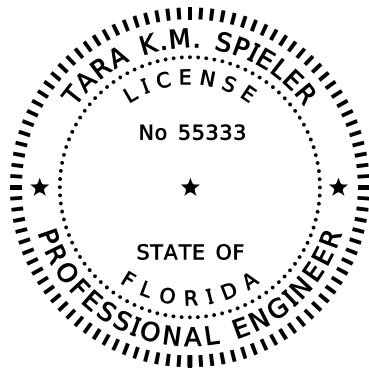
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201 N. FRANKLIN STREET, SUITE 400  
TAMPA, FLORIDA 33602  
CERTIFICATE OF AUTHORIZATION NO. 02317  
BURAK KONUK, P.E. NO. 81581

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

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
26	GENERAL NOTES - SIGNING & PAVEMENT MARKINGS
27-31	SIGNING & PAVEMENT MARKINGS
32	GUIDE SIGN WORKSHEET
SQ-6	SUMMARY OF QUANTITIES



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201 N. FRANKLIN STREET, SUITE 400  
TAMPA, FLORIDA 33602  
CERTIFICATE OF AUTHORIZATION NO. 02317  
TARA K.M. SPIELNER, P.E. NO. 55333

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

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
SQ-2	SUMMARY OF QUANTITIES

REVISIONS				 KISINGER CAMPO & ASSOCIATES 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Florida Certificate of Authorization No. 02317 Engineer of Record: John W. Burton, P.E. P.E. No.: 57405	TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY			<b>SIGNATURE SHEET</b>	SHEET NO.  2
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	THEA PROJECT ID		
					618	HILLSBOROUGH	O-02119		

**RAMP/TOLL PLAZA MAINLINE MILLING**

STA. 5563+60.00 TO STA. 5569+17.58

MILL EXISTING ASPHALT (3" AVG. DEPTH)

**RAMP/TOLL PLAZA SHOULDER MILLING**

STA. 5563+60.00 TO STA. 5569+17.58

MILL EXISTING ASPHALT (0.75" AVG. DEPTH)

**RAMP/TOLL PLAZA MAINLINE RESURFACING**

STA. 5563+60.00 TO STA. 5569+17.58

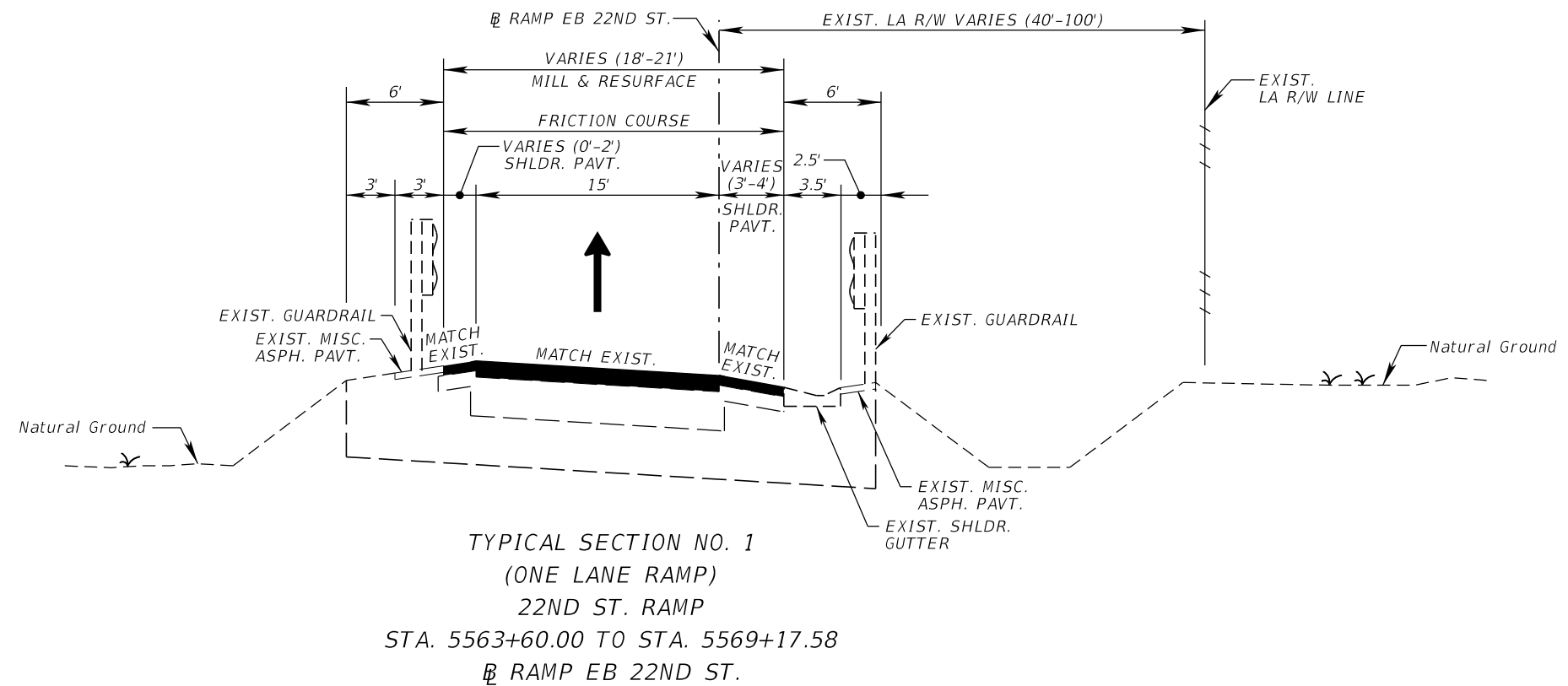
STRUCTURAL COURSE SP (TRAFFIC C) (PG 76-22) (1-1/2")  
FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1-1/2")

**RAMP/TOLL PLAZA SHOULDER RESURFACING**

STA. 5563+60.00 TO STA. 5569+17.58

FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1-1/2")

DESIGN SPEED = 35 MPH



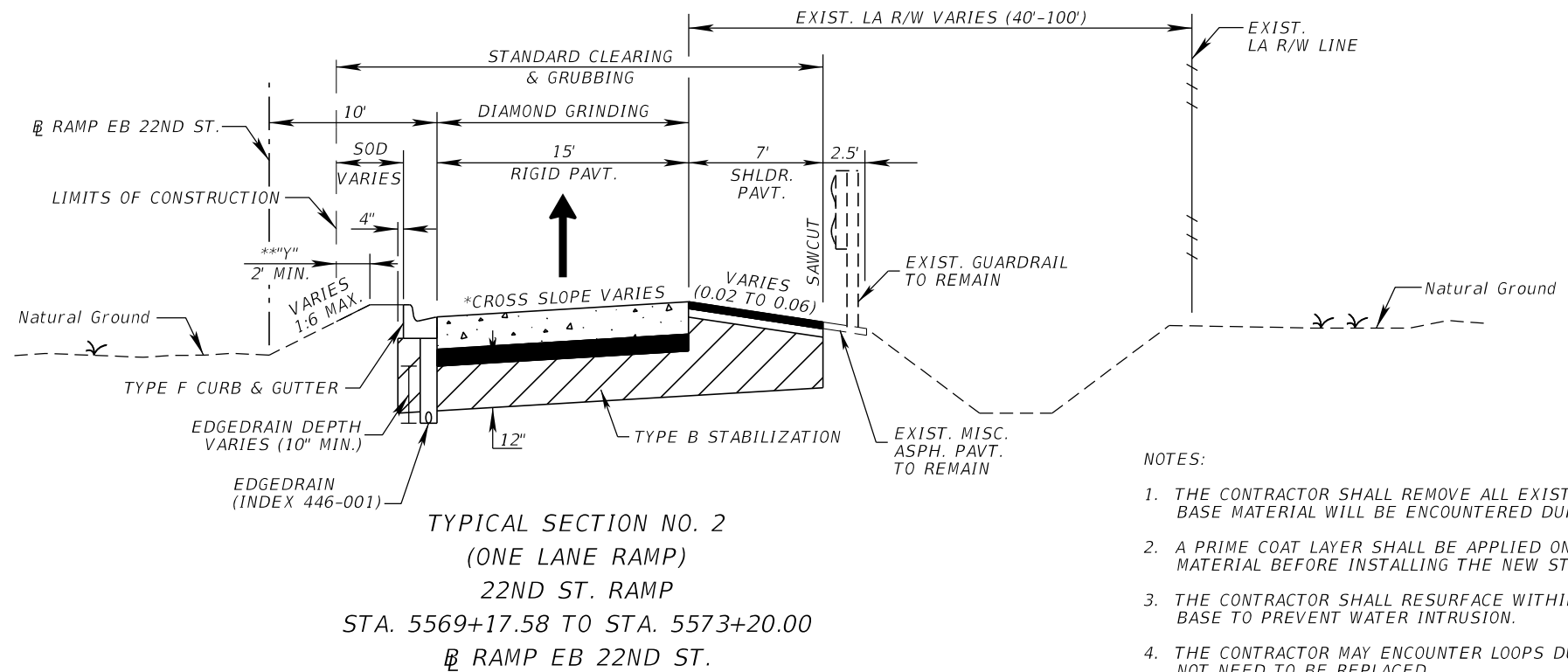
**RAMP RIGID PAVEMENT DESIGN**

OPTIONAL BASE GROUP 01 (TYPE B-12.5) WITH CEMENT CONCRETE PAVEMENT, PLAIN (11.5" THICK)

**SHOULDER FLEXIBLE PAVEMENT DESIGN**

OPTIONAL BASE GROUP 01 (TYPE B-12.5) WITH FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1-1/2")

DESIGN SPEED = 35 MPH



**NOTES:**

1. THE CONTRACTOR SHALL REMOVE ALL EXISTING STRUCTURAL COURSE. BASE MATERIAL WILL BE ENCOUNTERED DURING MILLING OPERATIONS.
  2. A PRIME COAT LAYER SHALL BE APPLIED ON THE EXPOSED BASE MATERIAL BEFORE INSTALLING THE NEW STRUCTURAL COURSE.
  3. THE CONTRACTOR SHALL RESURFACE WITHIN 24 HOURS OF EXPOSING BASE TO PREVENT WATER INTRUSION.
  4. THE CONTRACTOR MAY ENCOUNTER LOOPS DURING MILLING. THESE DO NOT NEED TO BE REPLACED.
- \* SEE CONCRETE GRADING DETAIL SHEETS FOR MORE INFORMATION.  
\*\* "Y" THE AREA DISTURBED BY CONSTRUCTION VARIES.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**KCA**  
KISINGER CAMPO & ASSOCIATES

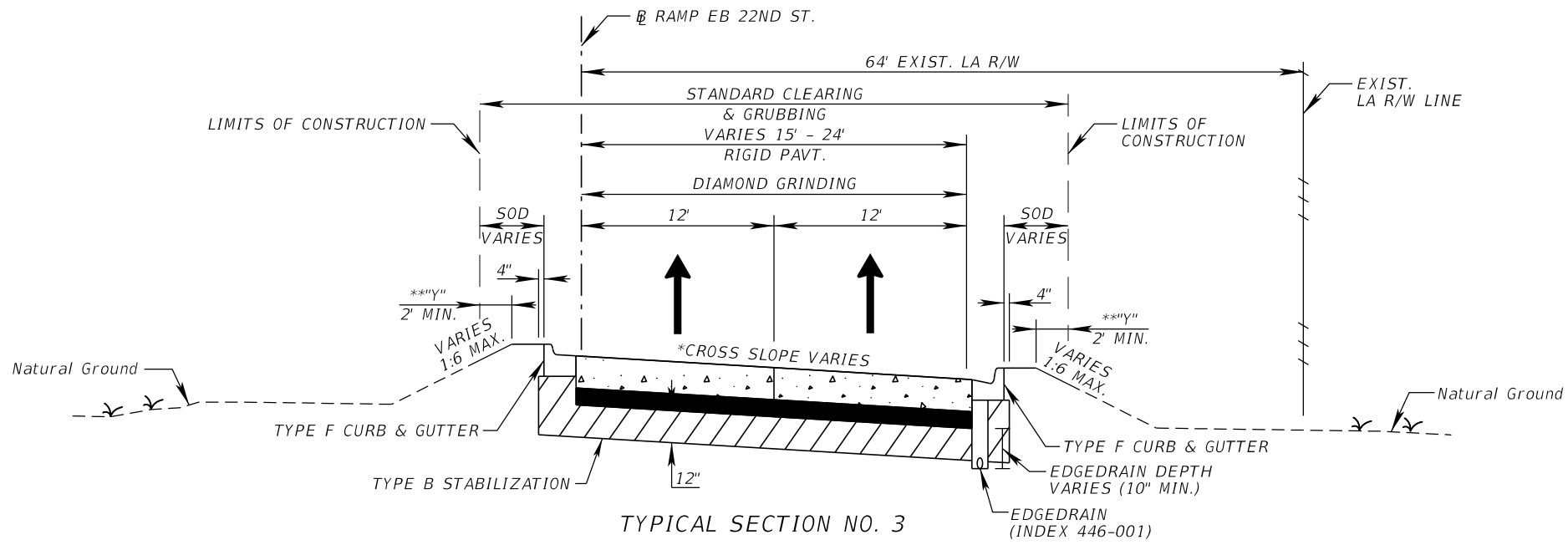
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Tampa, Florida 33602  
Florida Certificate of Authorization No. 02317  
Engineer of Record: John W. Burton, P.E.  
P.E. No.: 57405

TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119

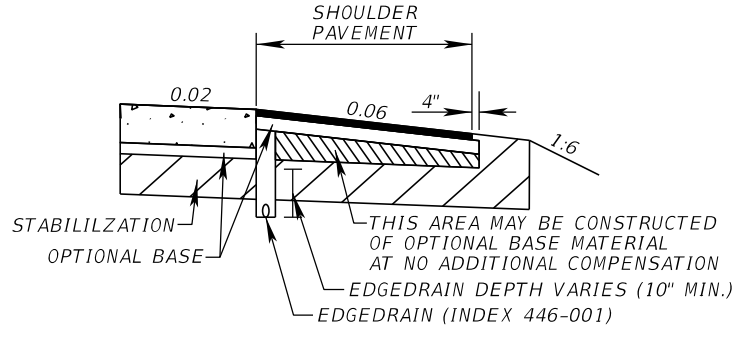
**TYPICAL SECTION (1)**

SHEET NO.  
3

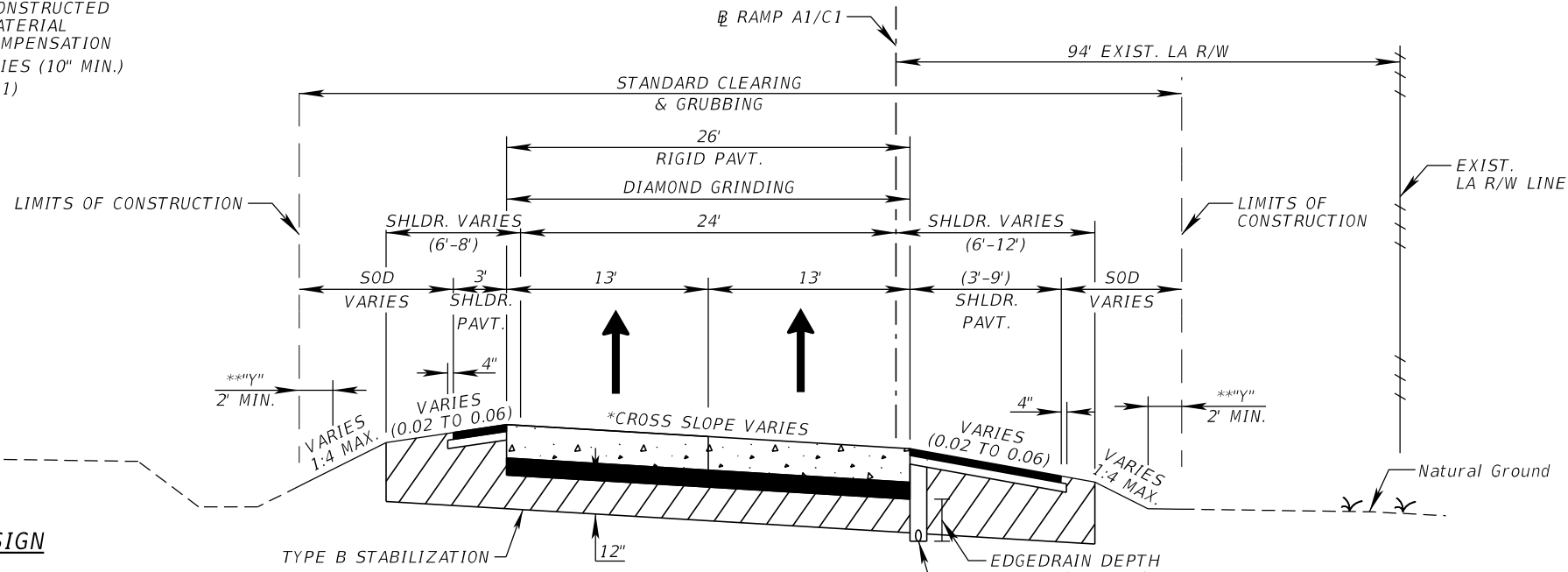
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TYPICAL SECTION NO. 3  
 (TWO LANE RAMP)  
 22ND ST. RAMP  
 STA. 5573+20.00 TO STA. 5575+04.40  
 RAMP EB 22ND ST.



SHOULDER PAVEMENT DETAIL



TYPICAL SECTION NO. 4  
 (TWO LANE RAMP)  
 50TH ST. RAMPS A1 & C1  
 STA. 68+30.00 TO STA. 71+35.46 RAMP A1  
 STA. 272+41.09 TO STA. 275+00.00 RAMP C1

OPTIONAL BASE GROUP 01 (TYPE B-12.5) WITH CEMENT CONCRETE PAVEMENT, PLAIN (11.5" THICK)

**SHOULDER FLEXIBLE PAVEMENT DESIGN**

OPTIONAL BASE GROUP 01 (TYPE B-12.5) WITH FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1-1/2")

DESIGN SPEED = 35 MPH

\* SEE CONCRETE GRADING DETAIL SHEETS FOR MORE INFORMATION.  
 \*\* "Y" THE AREA DISTURBED BY CONSTRUCTION VARIES.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**KCA**  
 KISINGER CAMPO & ASSOCIATES

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 P.E. No.: 57405

TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119

**TYPICAL SECTION (2)**

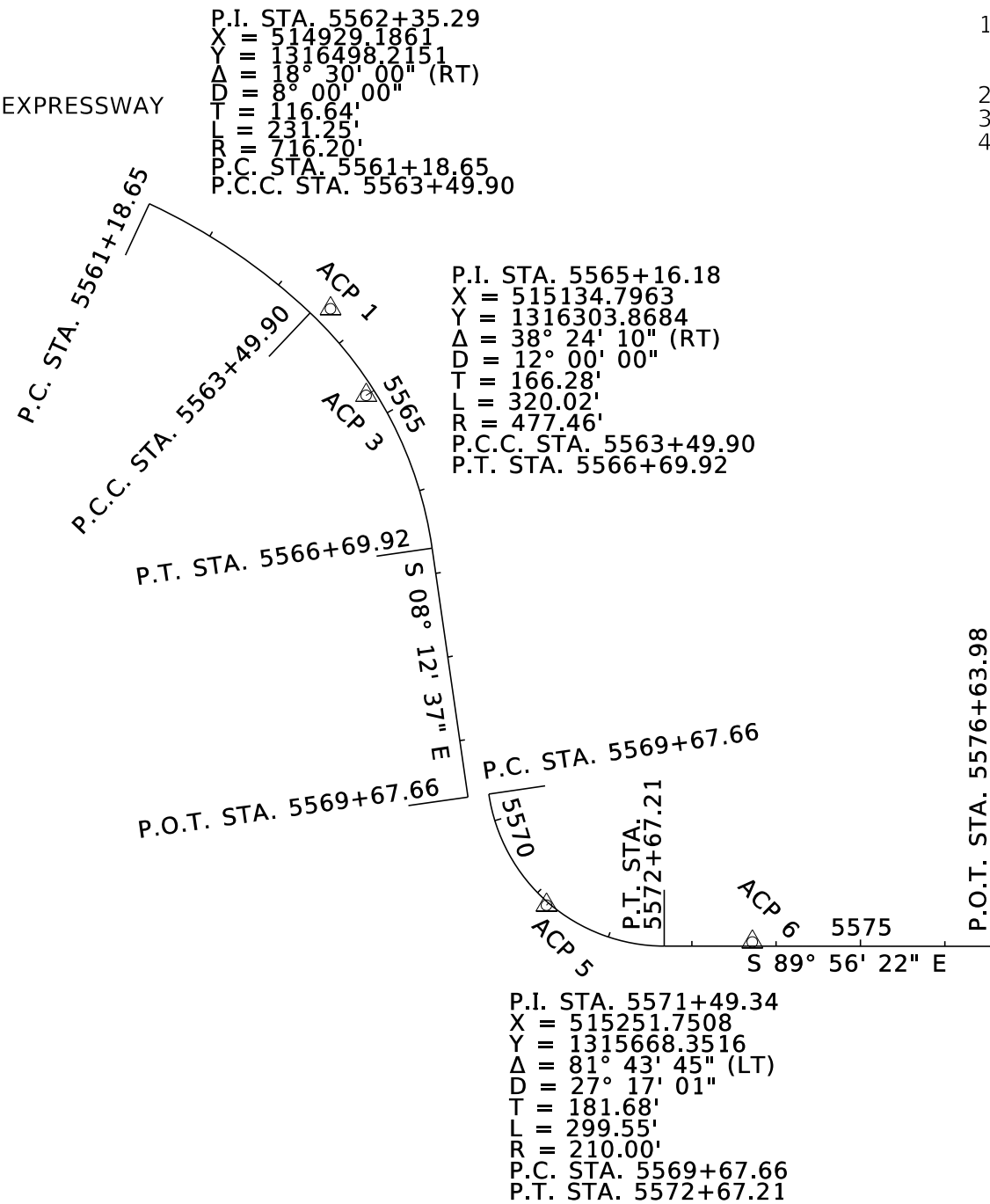
SHEET NO. 4

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PROJECT NETWORK CONTROL MAP  
SECTION 16, TOWNSHIP 29 SOUTH, RANGE 19 EAST  
HILLSBOROUGH COUNTY, FLORIDA

SCALE: 1" = 200'

LEE ROY SELMON EXPRESSWAY



1. THE BEARINGS AND COORDINATES SHOWN ARE BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, WEST ZONE, 1983 NORTH AMERICAN DATUM, 1990 ADJUSTMENT, TRANSVERSE MERCATOR PROJECTION.
2. ALIGNMENT INFORMATION BASED UPON EXISTING RIGHT OF WAY MAPS.
3. ALL DISTANCES SHOWN ARE COMBINED GRID AND DISPLAYED IN US SURVEY FEET.
4. ELEVATIONS SHOWN ARE BASED ON NAVD 88 VERTICAL DATUM.


LEGEND:

- D = DEGREE OF CURVATURE
- L = LENGTH OF ARC
- LB = LICENSED BUSINESS
- LT = LEFT
- P.C. = POINT OF CURVATURE
- P.C.C. = POINT OF COMPOUND CURVATURE
- P.I. = POINT OF INTERSECTION
- P.O.T. = POINT ON TANGENT
- P.S.M. = PROFESSIONAL SURVEYOR & MAPPER
- P.T. = POINT OF TANGENCY
- R = RADIUS
- RT = RIGHT
- STA. = STATION
- T = TANGENT
- T.P.-R.P. = TRAVERSE POINT - REFERENCE POINT
- X = STATE PLANE EASTING VALUE
- Y = STATE PLANE NORTHING VALUE
- Δ = DELTA

THESE CONTROL SHEETS ARE NOT COMPLETE WITHOUT BOTH (CTL-1 THRU CTL-2) SHEETS.

HORIZONTAL AND VERTICAL CONTROL

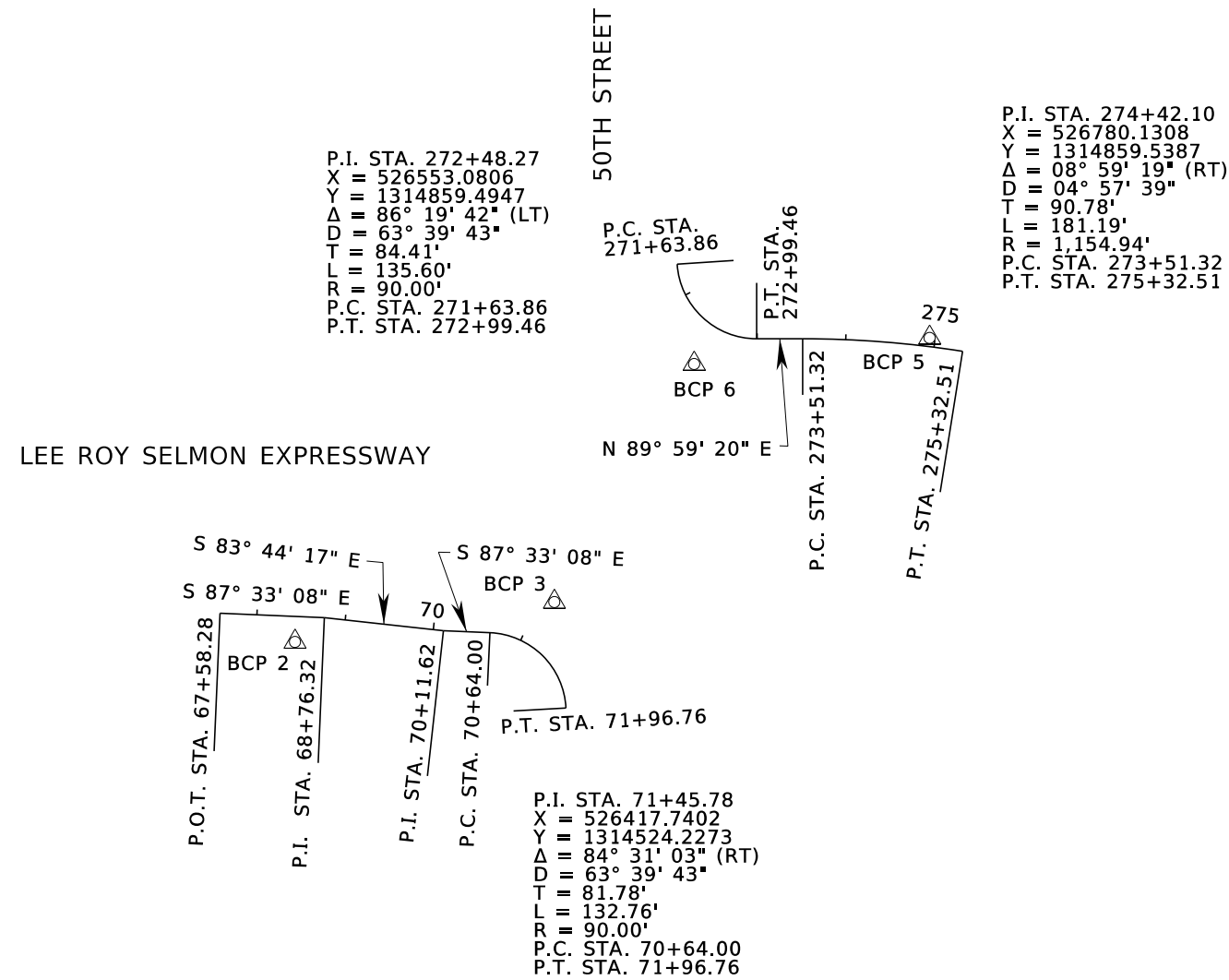
STAMPING ID	§ STATION	OFFSET	ELEVATION (Z)	DESCRIPTION	NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE	SCALE FACTOR
ACP 1	5563+63.55	20.22' LT	31.66	SET CAPPED IRON ROD 5/8" TP-RP LB 6429	1316422.8680	515038.0400	27° 57' 16.28283"	82° 26' 13.79331"	0.99996401
ACP 3	5564+69.24	11.08' RT	26.74	SET CAPPED IRON ROD 5/8" TP-RP LB 6429	1316320.2610	515080.2210	27° 57' 15.26832"	82° 26' 13.31886"	0.99996399
ACP 5	5571+17.87	3.59' RT	8.33	SET CAPPED IRON ROD 5/8" TP-RP LB 6429	1315716.4899	515294.0756	27° 57' 09.29741"	82° 26' 10.91008"	0.99996392
ACP 6	5573+71.70	4.87' LT	7.02	SET CAPPED IRON ROD 5/8" TP-RP LB 6429	1315672.9240	515537.9260	27° 57' 08.87464"	82° 26' 08.18917"	0.99996385

REVISIONS				 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Florida Certificate of Authorization No. 02317 Engineer of Record: John W. Burton, P.E. P.E. No.: 57405	TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY			SHEET NO.  5
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	THEA PROJECT ID	
					618	HILLSBOROUGH	O-02119	PROJECT CONTROL (1)

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PROJECT NETWORK CONTROL MAP  
SECTION 20, TOWNSHIP 29 SOUTH, RANGE 19 EAST  
HILLSBOROUGH COUNTY, FLORIDA


SCALE: 1" = 200'



THESE CONTROL SHEETS ARE NOT COMPLETE WITHOUT BOTH (CTL-1 THRU CTL-2) SHEETS. SEE SHEET CTL-1 FOR GENERAL NOTES AND PROJECT SURVEYORS CERTIFICATION.

HORIZONTAL AND VERTICAL CONTROL

STAMPING ID	STATION	OFFSET	ELEVATION (Z)	DESCRIPTION	NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE	SCALE FACTOR
BCP 2	68+44.20	28.83' RT	15.75	SET CAPPED IRON ROD 5/8" TP-RP LB 6429	1314517.2830	526115.8950	27° 56' 57.79079"	82° 24' 10.19138"	0.99996056
BCP 3	71+09.83	56.31' LT	7.34	SET CAPPED IRON ROD 5/8" TP-RP LB 6429	1314562.3840	526408.9090	27° 56' 58.24693"	82° 24' 06.92571"	0.99996048
BCP 6	272+51.06	48.06' RT	6.98	SET CAPPED IRON ROD 5/8" TP-RP LB 6429	1314830.9230	526566.7830	27° 57' 00.91112"	82° 24' 05.17513"	0.99996043
BCP 5	274+93.83	9.73' LT	19.97	SET CAPPED IRON ROD 5/8" TP-RP LB 6429	1314860.4270	526832.6990	27° 57' 01.21191"	82° 24' 02.21103"	0.99996035

REVISIONS				 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Florida Certificate of Authorization No. 02317 Engineer of Record: John W. Burton, P.E. P.E. No.: 57405	TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY			SHEET NO.  <b>6</b>
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	THEA PROJECT ID	
					618	HILLSBOROUGH	O-02119	

**PROJECT CONTROL (2)**

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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:  
STEPHEN M. TATE, P.S.M.  
P.S.M. NO.: 5242  
ECHEZABAL & ASSOCIATES, INC.  
108 W. COUNTRY CLUB DRIVE  
TAMPA, FLORIDA 33612  
CERTIFICATE OF AUTHORIZATION: 00006429
3. EXISTING DRAINAGE STRUCTURES TO REMAIN UNLESS OTHERWISE NOTED IN THE PLANS.


CONCRETE SLAB GENERAL NOTES:

1. CONSTRUCT ALL TRANSVERSE, LONGITUDINAL, CONTRACTION AND EXPANSION JOINTS IN ACCORDANCE WITH INDEX 350-001.
2. CONCRETE SLABS SHALL BE CONSTRUCTED IN THE FOLLOWING SEQUENCE:  
A. SAWCUT ANY ADJACENT ASPHALT PAVEMENT  
B. PLACE DOWEL BARS  
C. POUR CONCRETE SLABS  
D. DIAMOND GRIND CONCRETE SLABS  
E. CLEAN & SEAL JOINTS  
F. PLACE PAVEMENT MARKINGS
3. CLEAN AND SEAL ALL JOINTS IN ACCORDANCE WITH INDEX 350-001.
4. CONSTRUCT ALL ASPHALT-CONCRETE JOINTS IN ACCORDANCE WITH INDEX 350-001 AND THESE CONTRACT PLANS.
5. DOWEL BAR DIAMETER SHALL BE 1.5 IN., DOWEL BAR SPACING SHALL BE 12 IN., DOWEL BAR LENGTH SHALL BE 18 IN.
7. TRANSVERSE JOINT SPACING SHOULD NOT EXCEED 15' OR LESS THAN 10' UNLESS OTHERWISE SHOWN IN THESE PLANS.
8. LONGITUDINAL JOINTS SHOULD NOT EXCEED 14' OR LESS THAN 7' UNLESS OTHERWISE SHOWN IN THESE PLANS.
9. TIE BARS SHALL BE DEFORMED #5 REINFORCING STEEL WITH 5/8 IN. DIAMETER, 38 IN. MAX. SPACING AND 30 IN. IN LENGTH.
10. DISPOSE OF ANY AND ALL DIAMOND GRINDING SLURRY IN OFFSITE AREAS PROVIDED BY THE CONTRACTOR.
11. DOWEL BARS SHOULD BE CONSTRUCTED IN ORIENTATION PARALLEL TO THE DIRECTION OF TRAVEL EVEN IF THE JOINTS ARE SKEWED.
12. CONCRETE TO CONCRETE JOINTS SHALL BE SEALED WITH ONLY LOW MODULUS, SELF-LEVELING SILICONE (GRAY).
13. ONLY USE HOT POUR ELASTOMETRIC JOINT SEALER (BLACK) FOR JOINTS BETWEEN ASPHALT PAVEMENT AND CONCRETE PAVEMENT.
14. ALL JOINTS SHALL BE SAWCUT AS SOON AS PRACTICAL, UPON 2 HOURS CURE FOR HIGH EARLY STRENGTH CONCRETE.
15. THE COST OF SAWCUT SHALL BE INCIDENTAL TO THE WORK BEING PERFORMED.

UTILITY GENERAL NOTES:

1. THE LOCATIONS OF THE UTILITIES SHOWN IN THE PLANS ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY.
2. UTILITY AGENCY OWNERS:

COMPANY	CONTACT	TELEPHONE NUMBER
CENTURY LINK/LEVEL 3	MARK MATHIS	813-245-6645
DELTACOM (C/O WINDSTREAM LOCATES)	LISA ZINGULA	800-289-1901
FRONTIER COMMUNICATIONS	RANDALL JAMES	813-892-9692
HILLSBOROUGH CO. SHERIFF OFFICE	JEFFERY KEITH	813-290-2270
HILLSBOROUGH CO. TRAFFIC SERVICE UNIT	GEORGE AUBEL	813-927-6751
KINDER MORGAN/CENTRAL FLORIDA PIPELINE	MARK CLARK	727-271-0024
MCI/VERIZON	JAMES BERRA	469-886-4238
SPECTRUM (CHARTER)	PAUL BUSTAMANTE	813-302-0749
SPRINT	JON BAKER	813-928-9881
TAMPA ELECTRIC	DAN BREZNAVY	813-397-2149
TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY	JOE FERREIRA	813-241-1706
TAMPA PORT AUTHORITY	PATRICK BLAIR	813-905-5003
TAMPA WASTEWATER	RICHARD RIVERA	813-274-8957
TAMPA WATER	RORY JONES	813-231-5291
TECO PEOPLES GAS	ALEX MCFARLANE	813-275-3762

REVISIONS				 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Florida Certificate of Authorization No. 02317 Engineer of Record: John W. Burton, P.E. P.E. No.: 57405	TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY			SHEET NO.  7
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	THEA PROJECT ID	
					618	HILLSBOROUGH	O-02119	

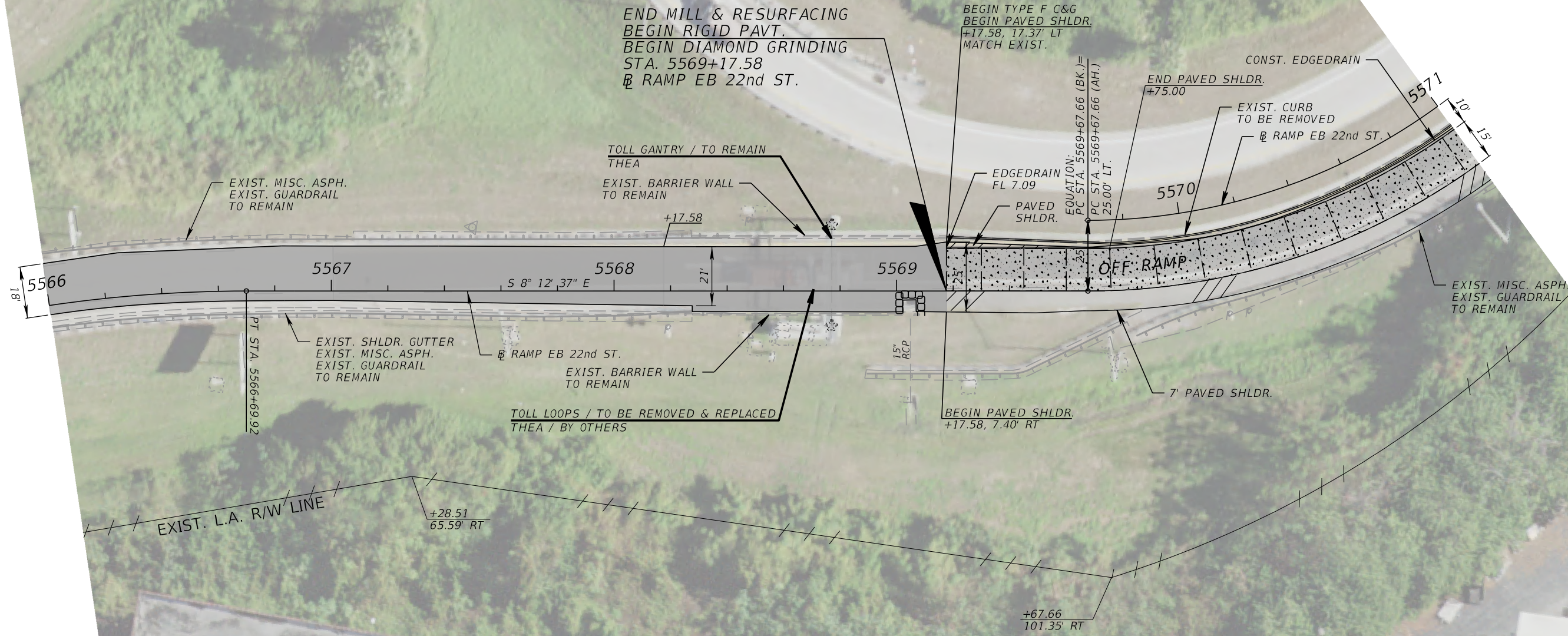
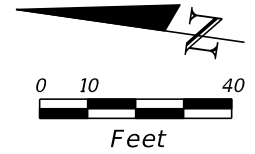
*GENERAL NOTES*

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SELMON EXPRESSWAY

EB ENTRANCE RAMP



LEGEND	
	SILT FENCE
	INLET PROTECTION SYSTEM
	MILL & RESURFACING PAVT.
	CONCRETE PAVT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**KCA**  
KISINGER CAMPO & ASSOCIATES

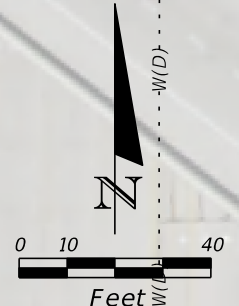
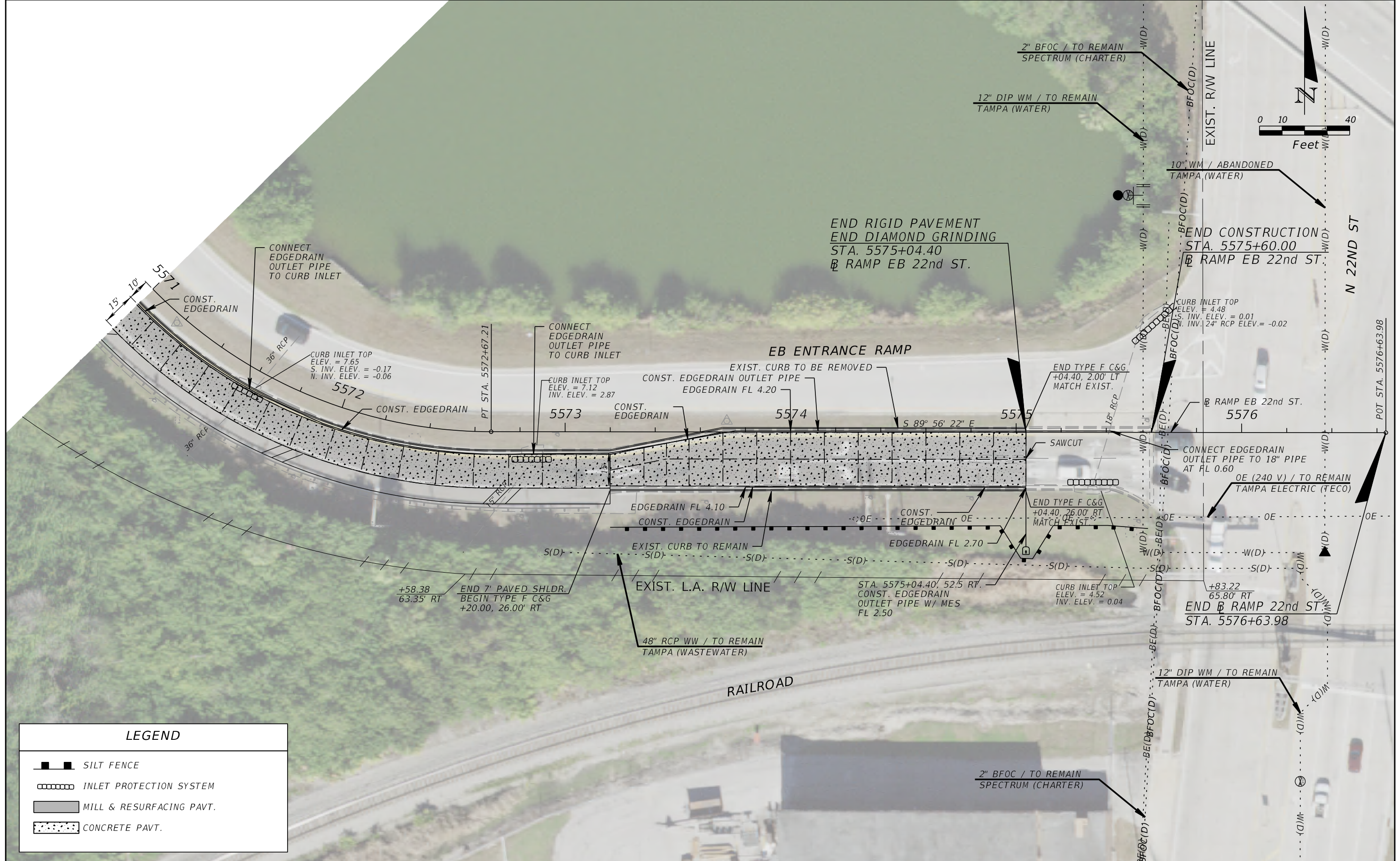
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P.E. No.: 57405

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618	HILLSBOROUGH	O-02119

**ROADWAY PLAN (2)**  
**22ND ST.**

SHEET NO.	9
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LEGEND	
	SILT FENCE
	INLET PROTECTION SYSTEM
	MILL & RESURFACING PAVT.
	CONCRETE PAVT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**KCA**  
KISINGER CAMPO & ASSOCIATES

201 N. Franklin Street, Suite 400  
Tampa, Florida 33602  
Florida Certificate of Authorization No. 02317  
Engineer of Record: John W. Burton, P.E.  
P.E. No.: 57405

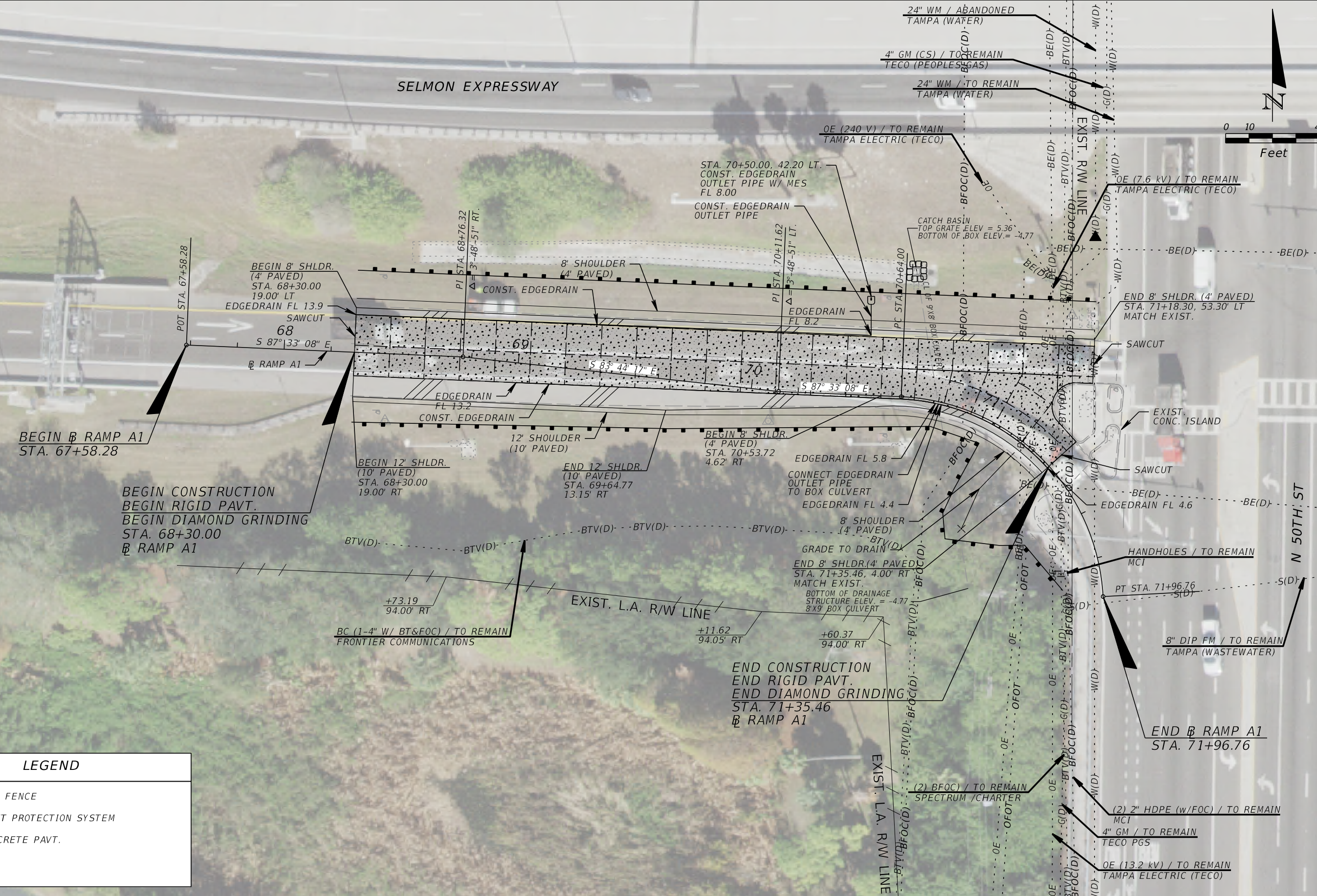
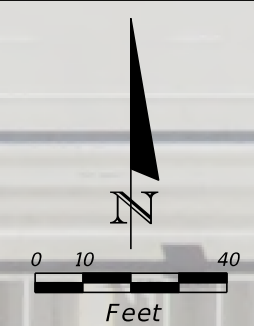
TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119

**ROADWAY PLAN (3)**  
**22ND ST.**

SHEET NO.
10

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SELMON EXPRESSWAY



BEGIN RAMP A1  
STA. 67+58.28

BEGIN CONSTRUCTION  
BEGIN RIGID PAVT.  
BEGIN DIAMOND GRINDING  
STA. 68+30.00  
RAMP A1

END CONSTRUCTION  
END RIGID PAVT.  
END DIAMOND GRINDING  
STA. 71+35.46  
RAMP A1

END RAMP A1  
STA. 71+96.76

LEGEND	
	SILT FENCE
	INLET PROTECTION SYSTEM
	CONCRETE PAVT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**KCA**  
KISINGER CAMPO & ASSOCIATES

201 N. Franklin Street, Suite 400  
Tampa, Florida 33602  
Florida Certificate of Authorization No. 02317  
Engineer of Record: John W. Burton, P.E.  
P.E. No.: 57405

TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119

**ROADWAY PLAN (4)**  
**50TH ST.**

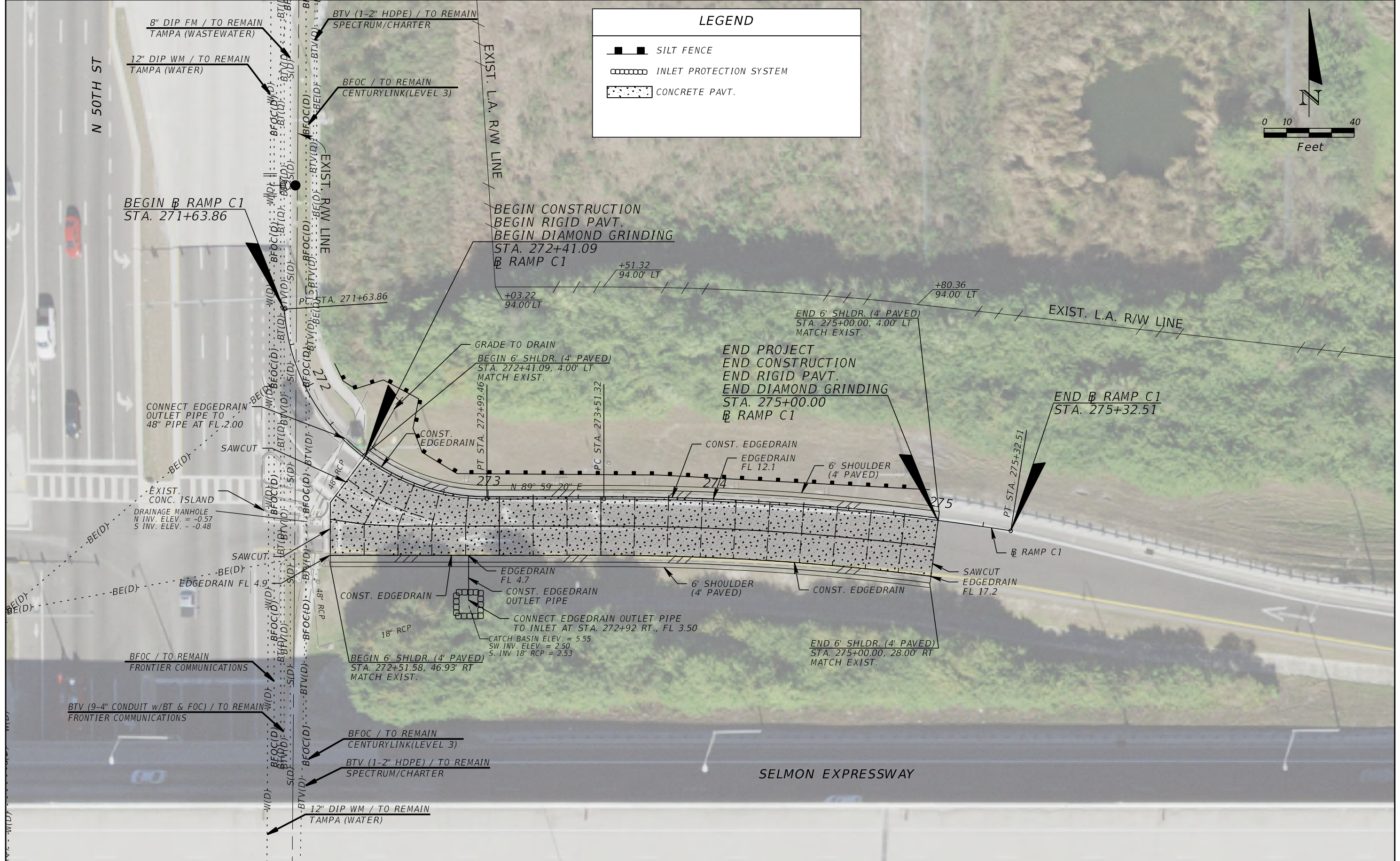
SHEET NO.
11

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**LEGEND**

- SILT FENCE
- INLET PROTECTION SYSTEM
- CONCRETE PAVT.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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KISINGER CAMPO  
& ASSOCIATES

201 N. Franklin Street, Suite 400  
Tampa, Florida 33602  
Florida Certificate of Authorization No. 02317  
Engineer of Record: John W. Burton, P.E.  
P.E. No.: 57405

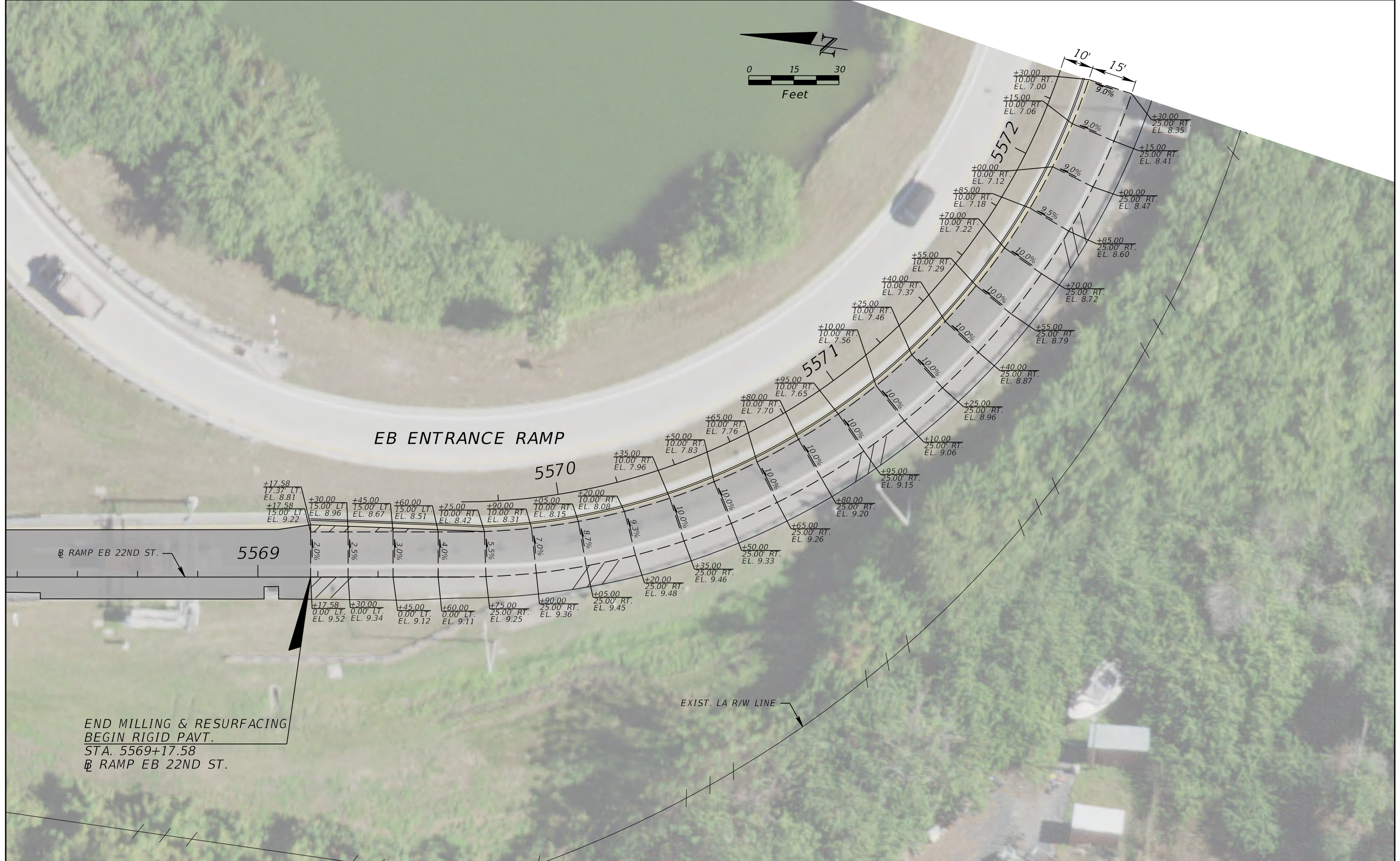
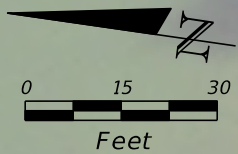
TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119

**ROADWAY PLAN (5)**


**50TH ST.**

SHEET NO.
12

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

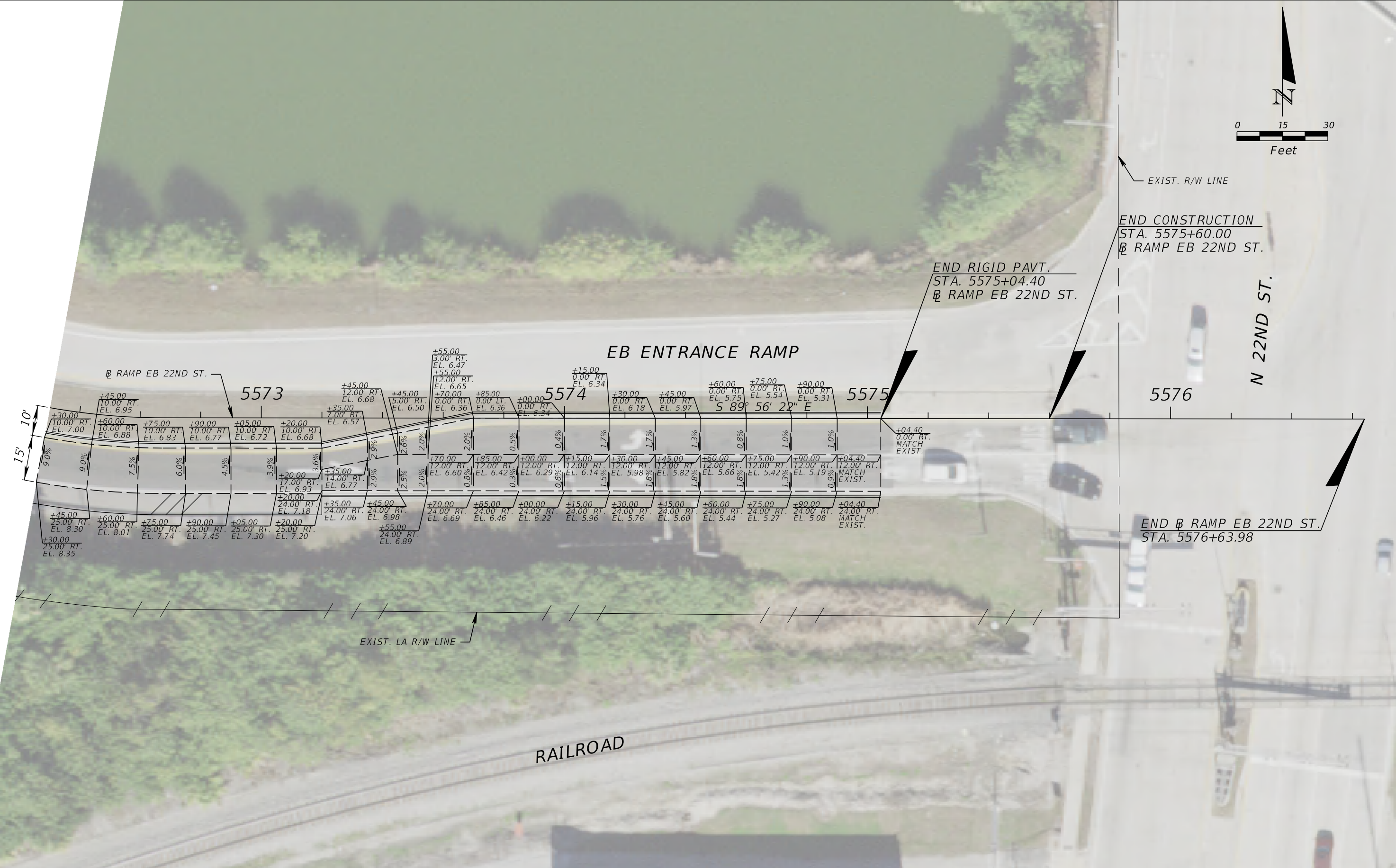
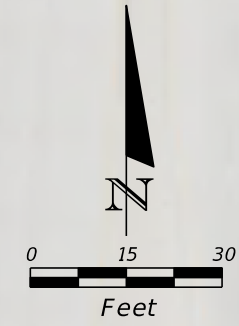

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 Tampa, Florida 33602  
 Florida Certificate of Authorization No. 02317  
 Engineer of Record: John W. Burton, P.E.  
 P.E. No.: 57405

<b>TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY</b>		
ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119


**CONCRETE GRADING PLAN (1)**  
**22ND ST.**

SHEET NO.
13

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION


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 Florida Certificate of Authorization No. 02317  
 Engineer of Record: John W. Burton, P.E.  
 P.E. No.: 57405

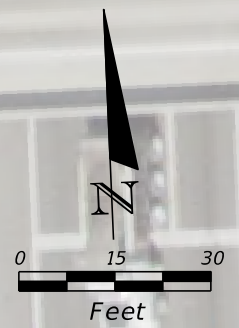
TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119

**CONCRETE GRADING PLAN (2)**  
**22ND ST.**

SHEET NO.
14

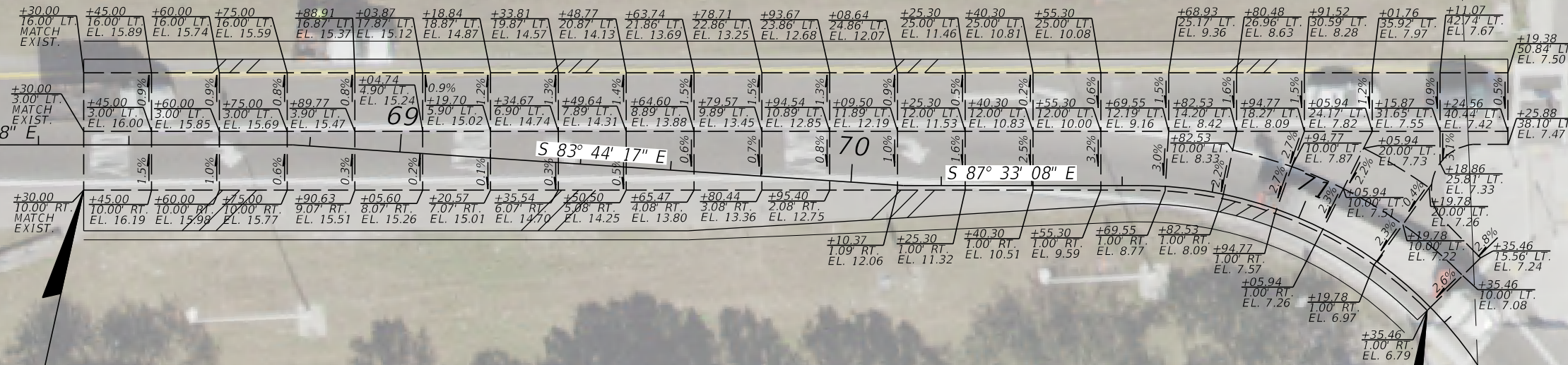
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

# SELMON EXPRESSWAY



EXIST. R/W LINE

BEGIN RAMP A1  
STA. 67+58.28



68  
S 87° 33' 08" E

69  
S 83° 44' 17" E

70  
S 87° 33' 08" E

BEGIN RIGID PAVT.  
STA. 68+30.00  
RAMP A1

END RIGID PAVT.  
STA. 71+35.46  
RAMP A1

END RAMP A1  
STA. 71+96.76

EXIST. LA R/W LINE

N 50TH ST.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**KCA**  
KISINGER CAMPO & ASSOCIATES

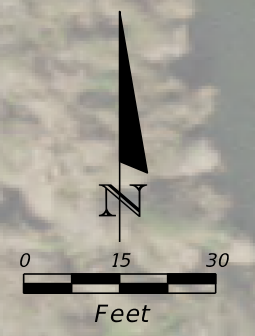
201 N. Franklin Street, Suite 400  
Tampa, Florida 33602  
Florida Certificate of Authorization No. 02317  
Engineer of Record: John W. Burton, P.E.  
P.E. No.: 57405

TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119

**CONCRETE GRADING PLAN (3)**  
**50TH ST.**

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.



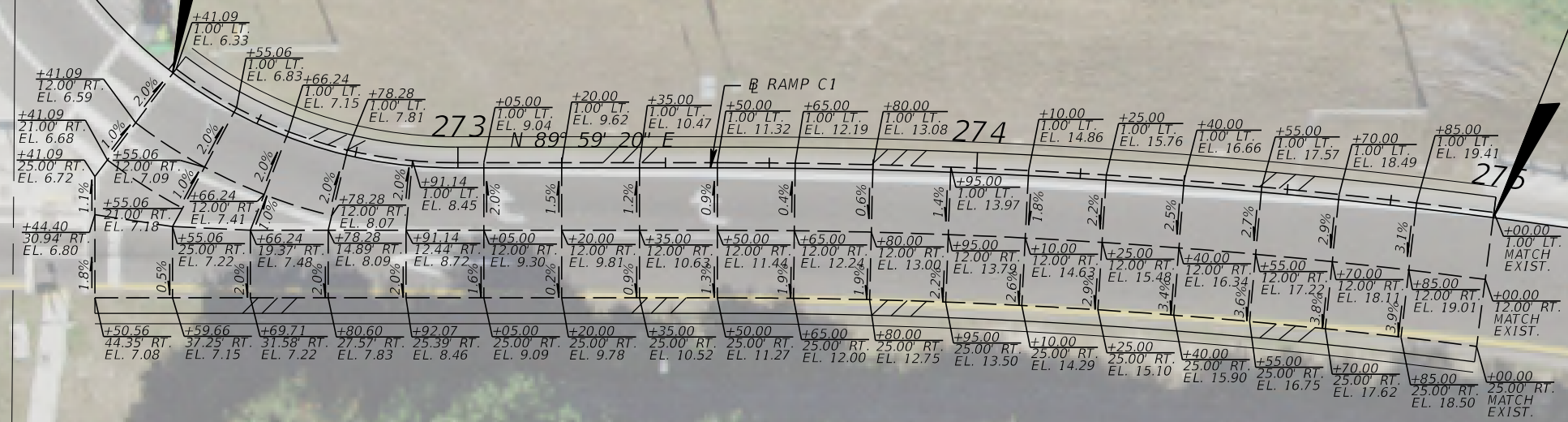
N 50TH ST.

BEGIN  $\text{B}$  RAMP C1  
STA. 271+63.86

BEGIN RIGID PAVT.  
STA. 272+41.09  
 $\text{B}$  RAMP C1

END RIGID PAVT.  
STA. 275+00.00  
 $\text{B}$  RAMP C1

END  $\text{B}$  RAMP C1  
STA. 275+32.51



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**KCA**  
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201 N. Franklin Street, Suite 400  
Tampa, Florida 33602  
Florida Certificate of Authorization No. 02317  
Engineer of Record: John W. Burton, P.E.  
P.E. No.: 57405

TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119

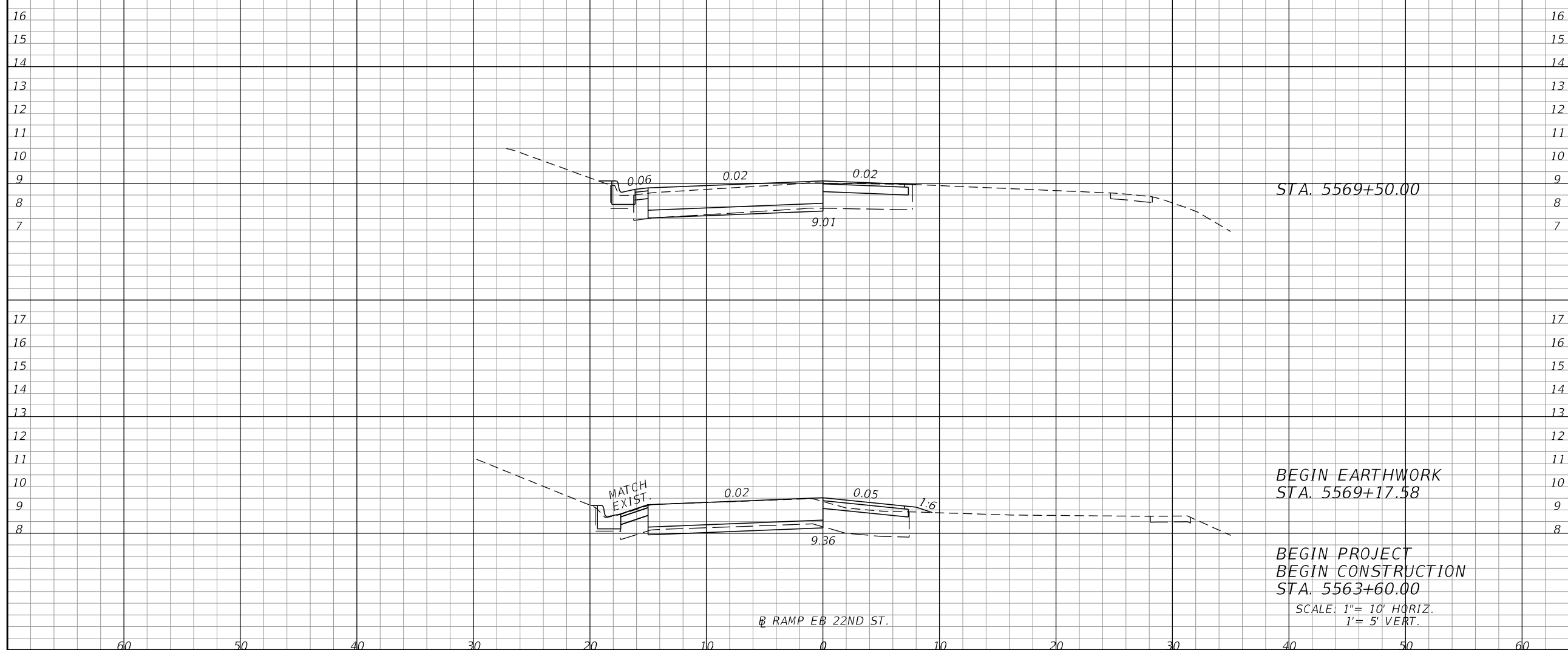
**CONCRETE GRADING PLAN (4)**  
**50TH ST.**

SHEET NO.
16

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

RAMP EB 22ND ST.

Regular		Exc.		Embankment	
A	V	A	V	A	V



21.44	26.44	0.12	4.19
22.61	0.00	0.65	0.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**KCA**  
KISINGER CAMPO & ASSOCIATES

201 N. Franklin Street, Suite 400  
Tampa, Florida 33602  
Florida Certificate of Authorization No. 02317  
Engineer of Record: John W. Burton, P.E.  
P.E. No.: 57405

TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119

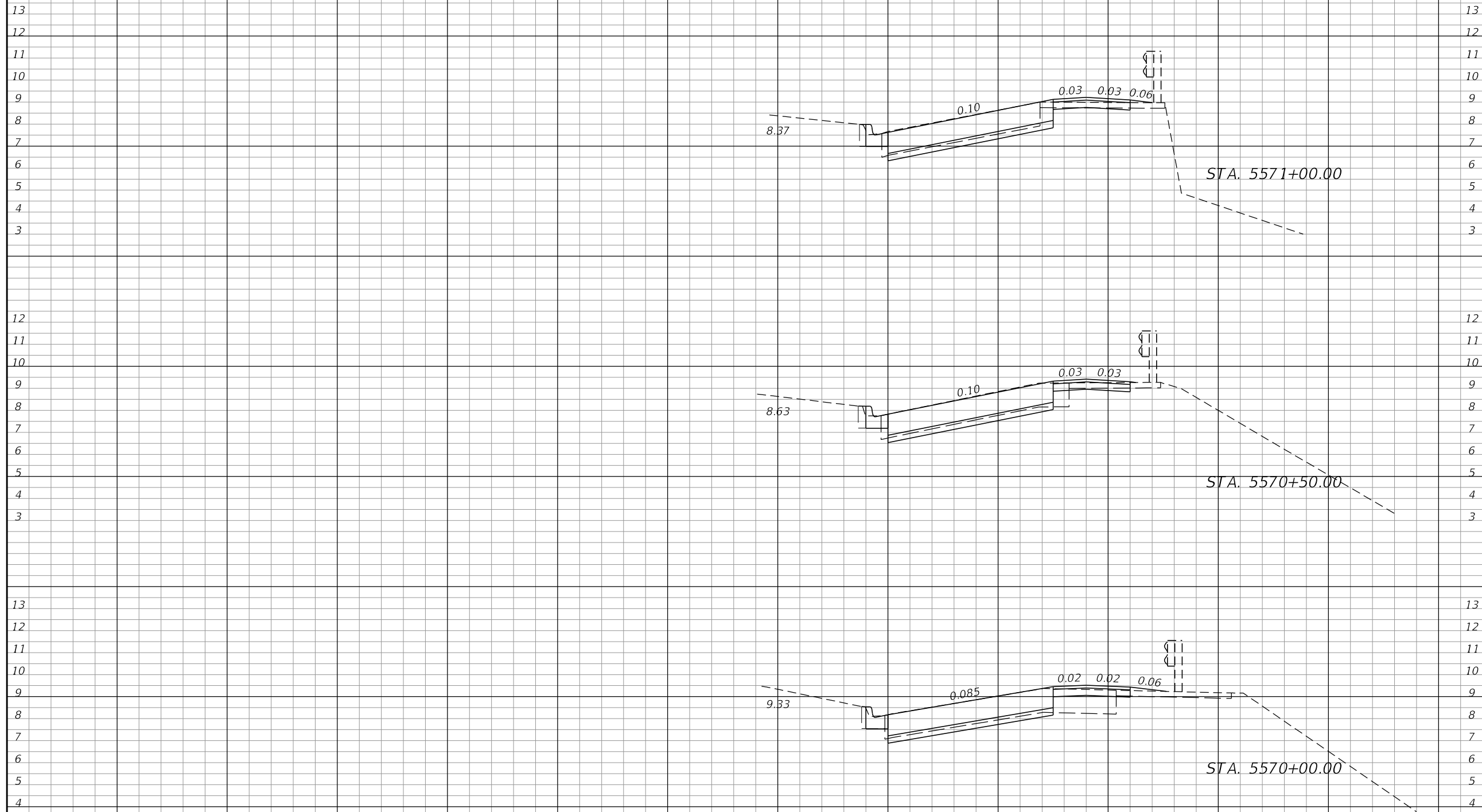
**CROSS SECTIONS (1)**  
**22ND ST.**

SHEET NO.  
17

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

RAMP EB 22ND ST.

Regular		Exc.		Embankment	
A	V	A	V	A	V



22.71	42.52	0.04	0.98
23.21	42.47	0.08	0.66
22.66	40.83	0.00	1.02

SCALE: 1" = 10' HORIZ.  
1" = 5' VERT.

RAMP EB 22ND ST.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**KCA**  
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201 N. Franklin Street, Suite 400  
Tampa, Florida 33602  
Florida Certificate of Authorization No. 02317  
Engineer of Record: John W. Burton, P.E.  
P.E. No.: 57405

TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119

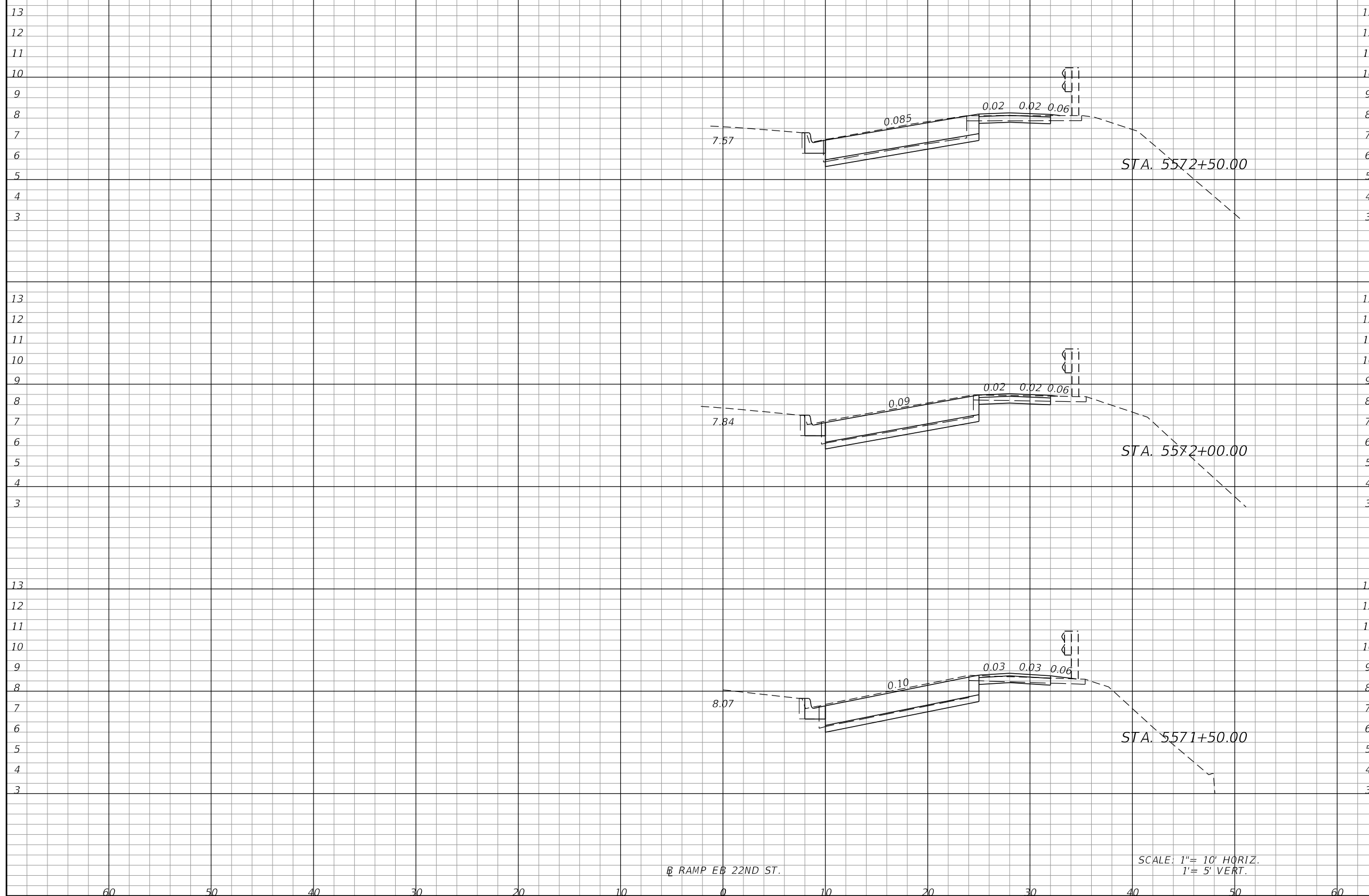
CROSS SECTIONS (2)	
22ND ST.	

SHEET NO.
18

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

RAMP EB 22ND ST.

Regular		Exc.		Embankment	
A	V	A	V	A	V
23.77	44.62	0.00	0.04		
24.42	44.93	0.00	0.49		
24.11	43.35	0.05	0.79		



RAMP EB 22ND ST.

SCALE: 1" = 10' HORIZ.  
1" = 5' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**KCA**  
KISINGER CAMPO & ASSOCIATES

201 N. Franklin Street, Suite 400  
Tampa, Florida 33602  
Florida Certificate of Authorization No. 02317  
Engineer of Record: John W. Burton, P.E.  
P.E. No.: 57405

TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119

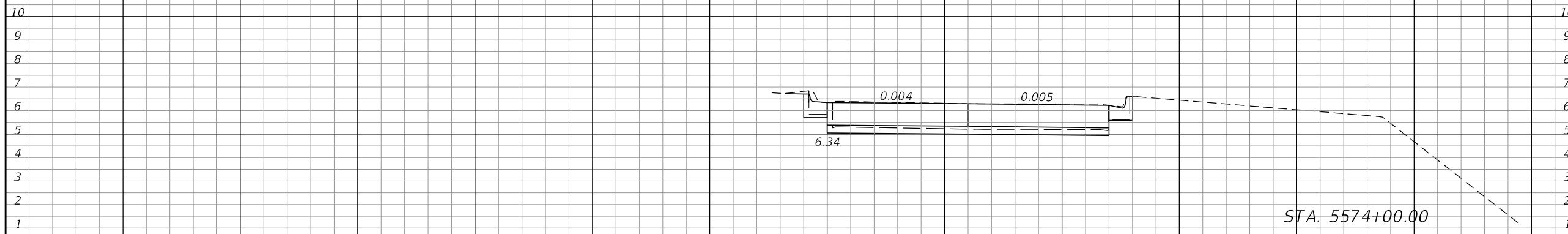
**CROSS SECTIONS (3)**  
**22ND ST.**

SHEET NO.
19

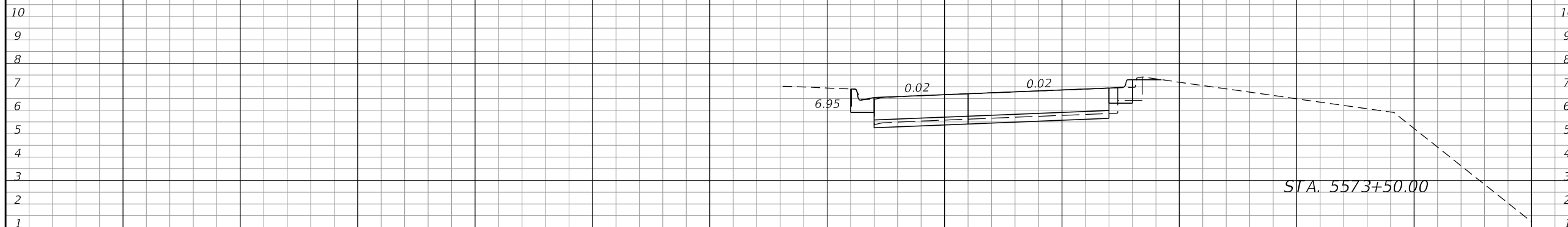
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

RAMP EB 22ND ST.

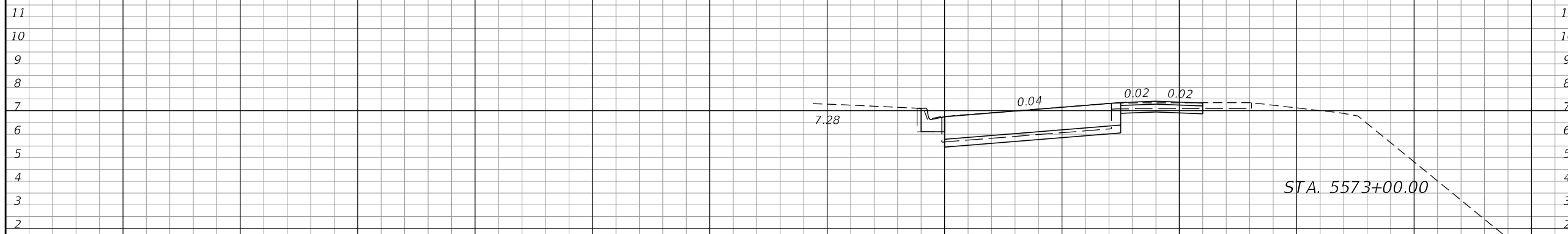
Regular		Exc.		Embankment	
A	V	A	V	A	V



34.94			0.00		0.78
	58.79				



28.56			0.09		0.79
	48.42				




23.74			0.00		0.03
	43.99				

SCALE: 1" = 10' HORIZ.  
1" = 5' VERT.

RAMP EB 22ND ST.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



**KCA**  
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& ASSOCIATES

201 N. Franklin Street, Suite 400  
Tampa, Florida 33602  
Florida Certificate of Authorization No. 02317  
Engineer of Record: John W. Burton, P.E.  
P.E. No.: 57405

**TAMPA HILLSBOROUGH  
EXPRESSWAY AUTHORITY**

ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119

**CROSS SECTIONS (4)**

**22ND ST.**

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.

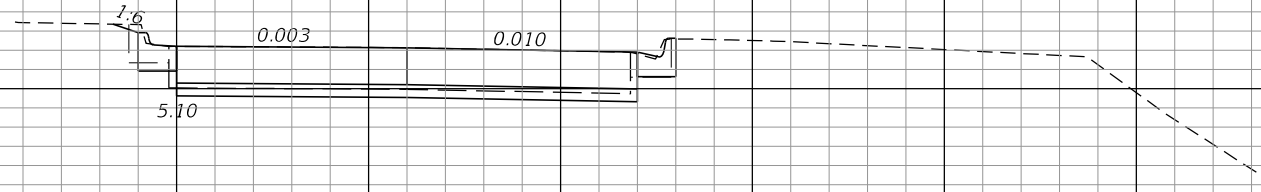
RAMP EB 22ND ST.

Regular		Exc.		Embankment	
A	V	A	V	A	V

END CONSTRUCTION  
STA. 5575+60.00  
END EARTHWORK  
STA. 5575+10.00

12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2

12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2

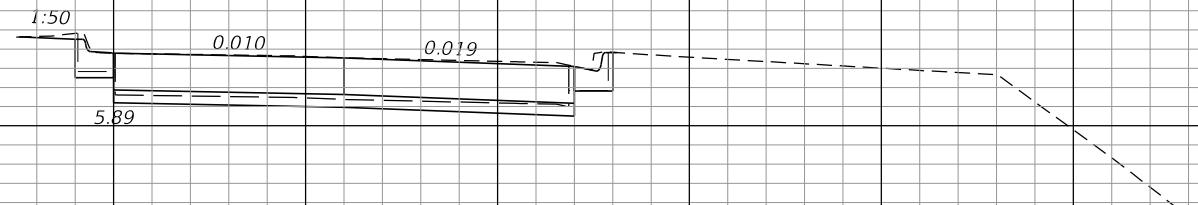


STA. 5575+04.40

34.03	69.55	0.00	0.00
-------	-------	------	------

12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2

12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2



STA. 5574+50.00

35.01	64.77	0.00	0.00
-------	-------	------	------

SCALE: 1" = 10' HORIZ.  
1" = 5' VERT.

RAMP EB 22ND ST.

60 50 40 30 20 10 0 10 20 30 40 50 60

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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201 N. Franklin Street, Suite 400  
Tampa, Florida 33602  
Florida Certificate of Authorization No. 02317  
Engineer of Record: John W. Burton, P.E.  
P.E. No.: 57405

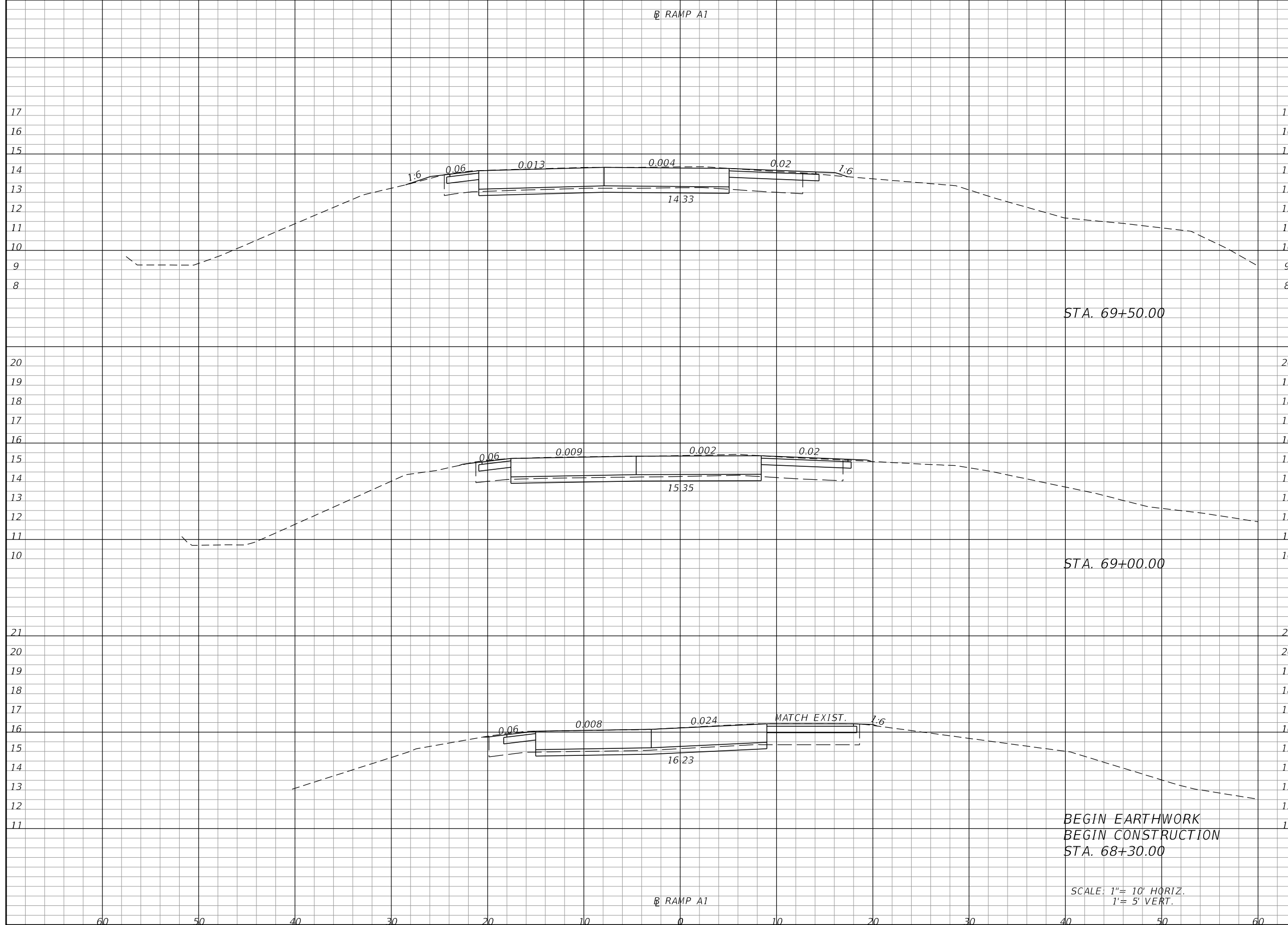
TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY

ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119

CROSS SECTIONS (5)  
22ND ST.

SHEET NO.

21



Regular		Exc.		Embankment	
A	V	A	V	A	V
39.57	73.43	0.56	0.64		
39.74	101.22	0.14	0.18		
38.35	0.00	0.00	0.00		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**KCA**  
KISINGER CAMPO & ASSOCIATES

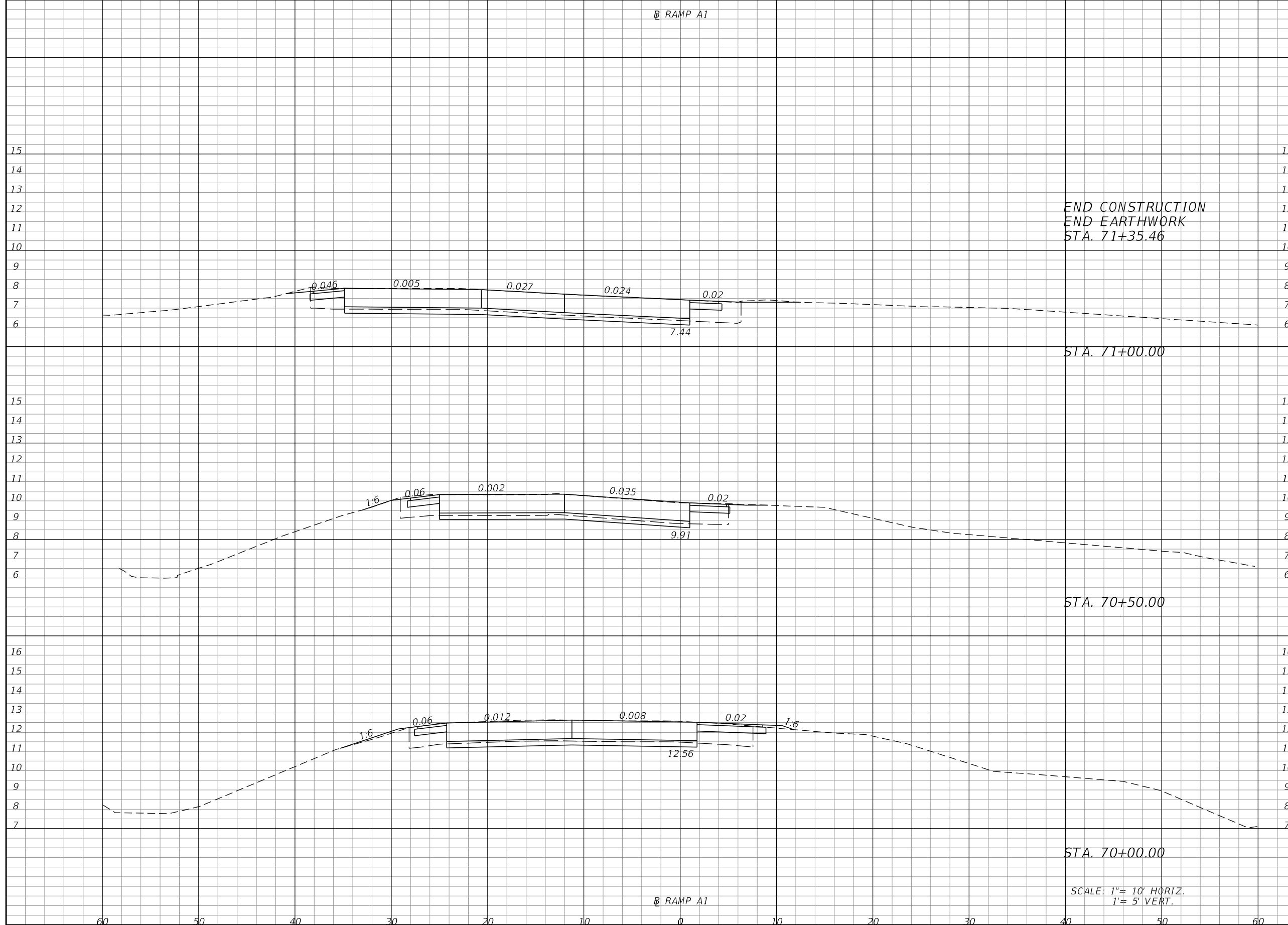
201 N. Franklin Street, Suite 400  
Tampa, Florida 33602  
Florida Certificate of Authorization No. 02317  
Engineer of Record: John W. Burton, P.E.  
P.E. No.: 57405

TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119

**CROSS SECTIONS (6)**  
**50TH ST.**

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.



Regular		Exc.		Embankment	
A	V	A	V	A	V
22.88	69.83	0.00	0.02		
50.83	81.45	0.03	0.05		
37.14	70.18	0.02	0.82		
38.65	72.43	0.86	1.31		

END CONSTRUCTION  
END EARTHWORK  
STA. 71+35.46

STA. 71+00.00

STA. 70+50.00

STA. 70+00.00

SCALE: 1" = 10' HORIZ.  
1" = 5' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**KCA**  
KISINGER CAMPO & ASSOCIATES

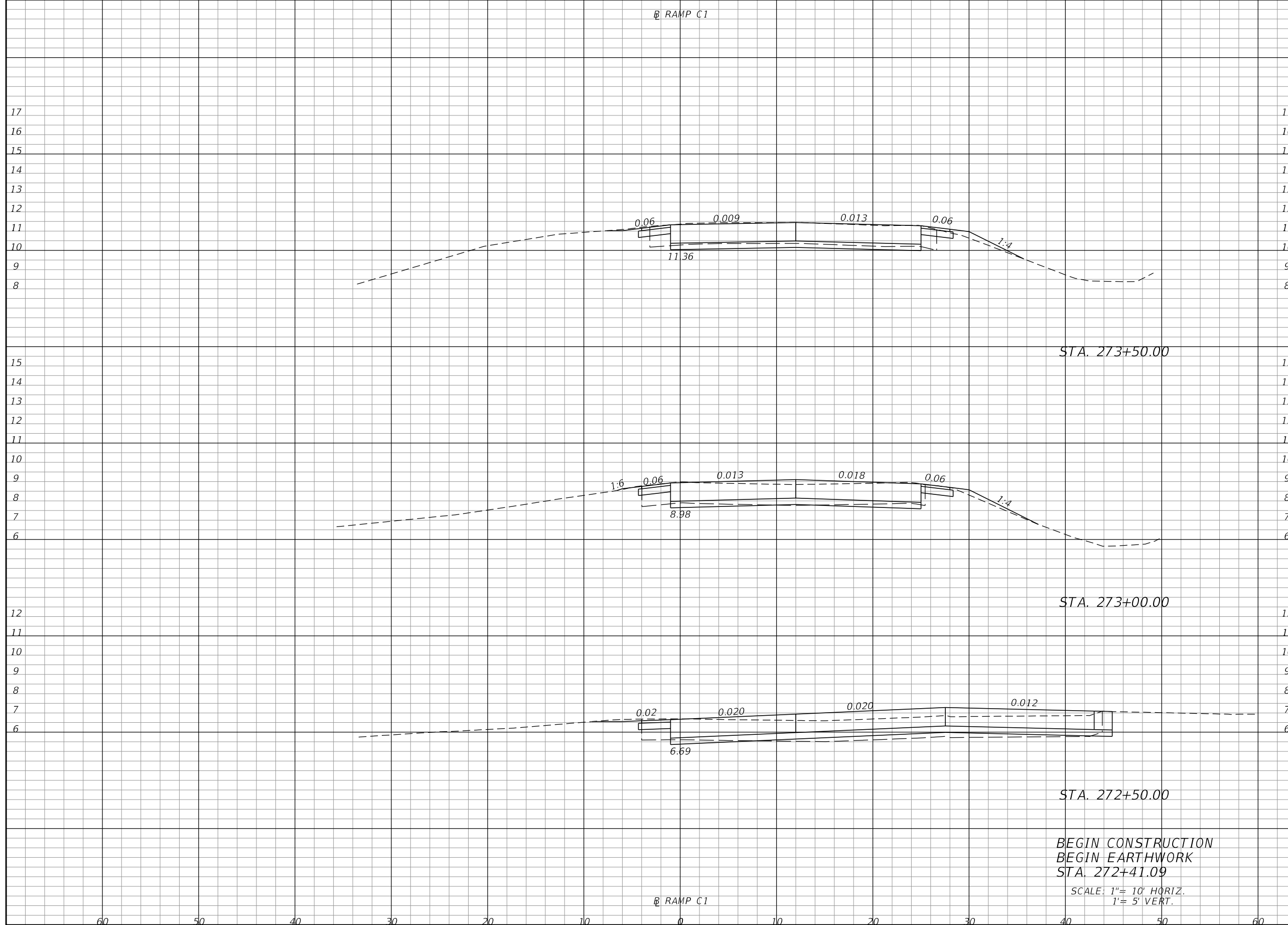
201 N. Franklin Street, Suite 400  
Tampa, Florida 33602  
Florida Certificate of Authorization No. 02317  
Engineer of Record: John W. Burton, P.E.  
P.E. No.: 57405

TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119

**CROSS SECTIONS (7)**  
**50TH ST.**

SHEET NO.
23

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



Regular		Exc.		Embankment	
A	V	A	V	A	V
36.88			65.61	1.42	2.52
33.98			75.44	1.29	1.20
47.49			13.76	0.00	0.00
35.05			0.00	0.00	0.00

BEGIN CONSTRUCTION  
 BEGIN EARTHWORK  
 STA. 272+41.09  
 SCALE: 1" = 10' HORIZ.  
 1" = 5' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

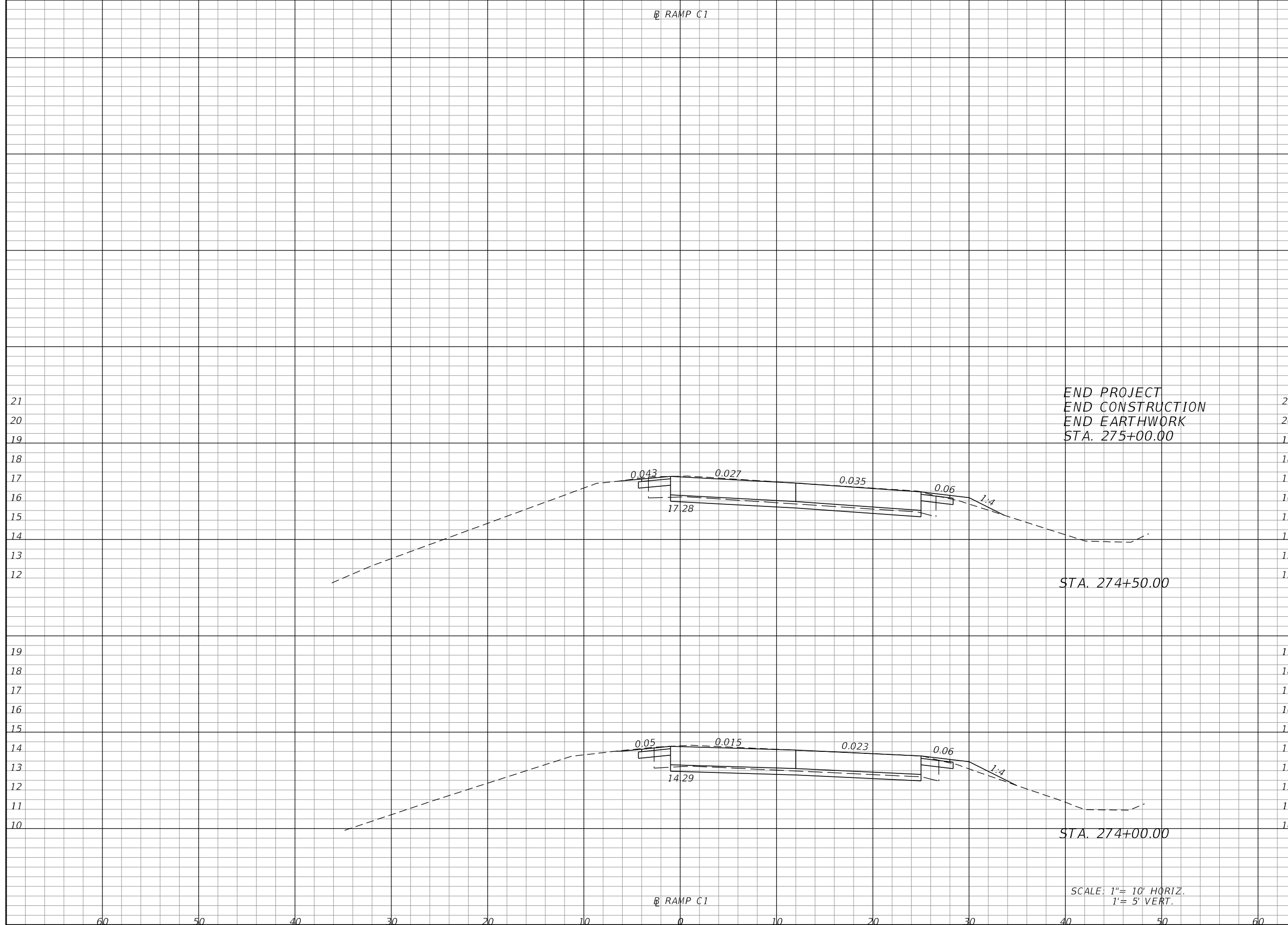
**KCA**  
 KISINGER CAMPO & ASSOCIATES  
 201 N. Franklin Street, Suite 400  
 Tampa, Florida 33602  
 Florida Certificate of Authorization No. 02317  
 Engineer of Record: John W. Burton, P.E.  
 P.E. No.: 57405

TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119

**CROSS SECTIONS (8)**  
**50TH ST.**

SHEET NO.  
 24

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END PROJECT  
 END CONSTRUCTION  
 END EARTHWORK  
 STA. 275+00.00


STA. 274+50.00

STA. 274+00.00

SCALE: 1" = 10' HORIZ.  
 1" = 5' VERT.

Regular		Exc.		Embankment	
A	V	A	V	A	V
36.52			68.18	0.00	0.97
37.11			68.62	1.05	2.28
37.01			68.41	1.41	2.63

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION


**KCA**  
 KISINGER CAMPO  
 & ASSOCIATES  
 201 N. Franklin Street, Suite 400  
 Tampa, Florida 33602  
 Florida Certificate of Authorization No. 02317  
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 P.E. No.: 57405

TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119


**CROSS SECTIONS (9)**  
**50TH ST.**

SHEET NO.
25

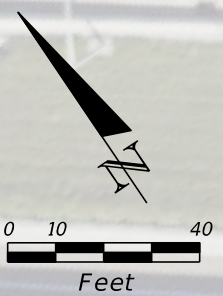
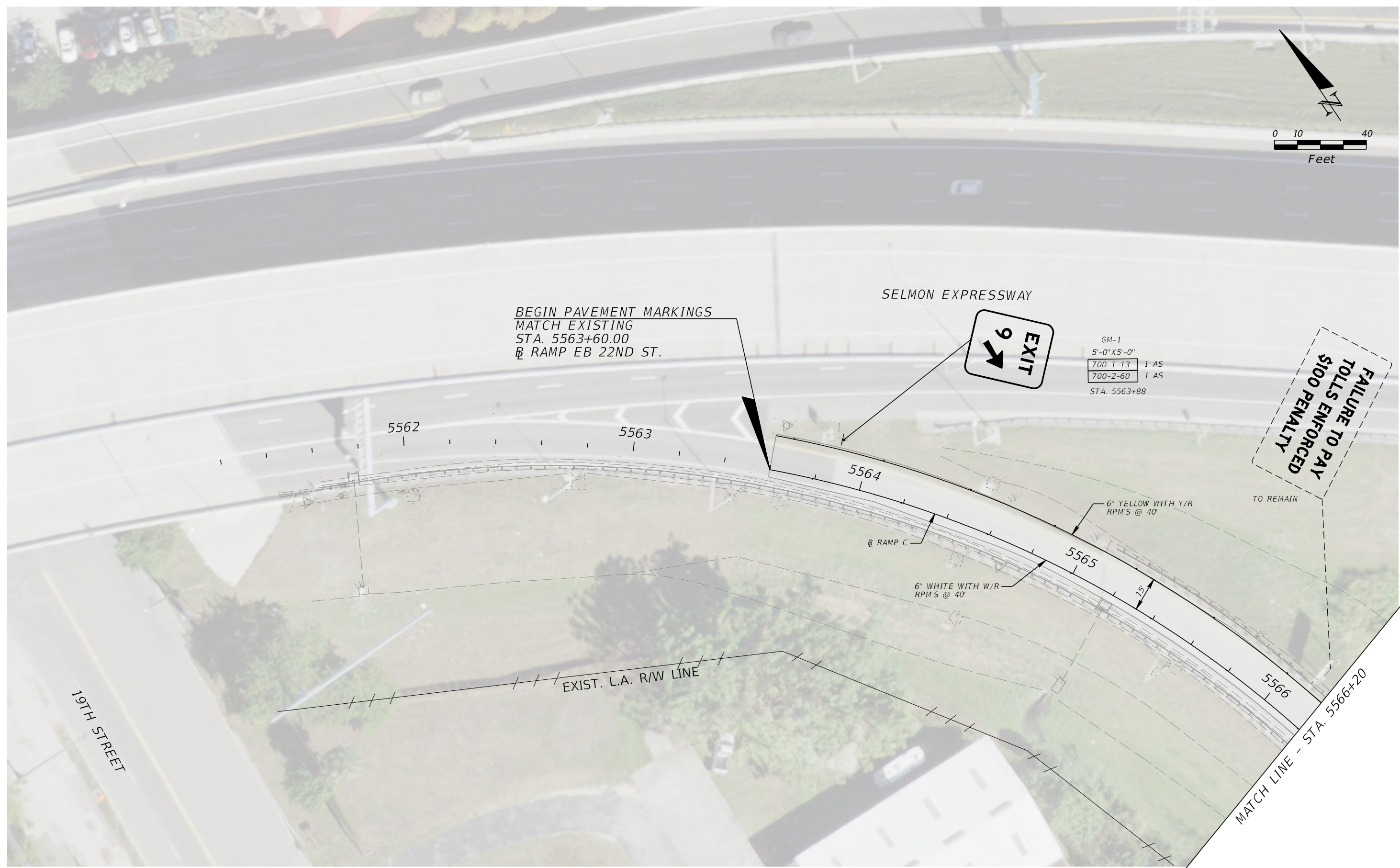
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

GENERAL NOTES:

1. ALL EXISTING SIGNS ARE TO REMAIN UNLESS OTHERWISE NOTED ON THE PLANS.
2. PAVEMENT MARKINGS ON ASPHALT PAVEMENT SHALL BE STANDARD THERMOPLASTIC.
3. PAVEMENT MARKINGS ON CONCRETE PAVEMENT SHALL BE STANDARD THERMOPLASTIC EXCEPT FOR ARROWS, MESSAGES AND SYMBOLS. USE PREFORMED THERMOPLASTIC WITH BLACK CONTRAST FOR ARROWS, MESSAGES AND SYMBOLS.
4. THE EXISTING VIDEO DETECTION AT THE N 50TH STREET EASTBOUND AND WESTBOUND EXIT RAMP SHALL REMAIN ACTIVE ALL TIME DURING CONSTRUCTION. THE MILLING OPERATIONS SHALL REMOVE EXISTING AND ABANDONED VEHICULAR LOOP DETECTORS.

REVISIONS				 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Florida Certificate of Authorization No. 02317 Engineer of Record: Burak Konuk, P.E. P.E. No.: 81581	TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY			GENERAL NOTES <b>SIGNING &amp; PAVEMENT MARKINGS</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	THEA PROJECT ID		26
					618	HILLSBOROUGH	O-02119		

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



BEGIN PAVEMENT MARKINGS  
MATCH EXISTING  
STA. 5563+60.00  
RAMP EB 22ND ST.

SELMON EXPRESSWAY



GM-1  
5'-0" X 5'-0"  
700-1-13 1 AS  
700-2-60 1 AS  
STA. 5563+88

FAILURE TO PAY  
TOLLS ENFORCED  
\$100 PENALTY

TO REMAIN

6" YELLOW WITH Y/R  
RPM'S @ 40'

6" WHITE WITH W/R  
RPM'S @ 40'

MATCH LINE - STA. 5566+20

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**KCA**  
KISINGER CAMPO  
& ASSOCIATES

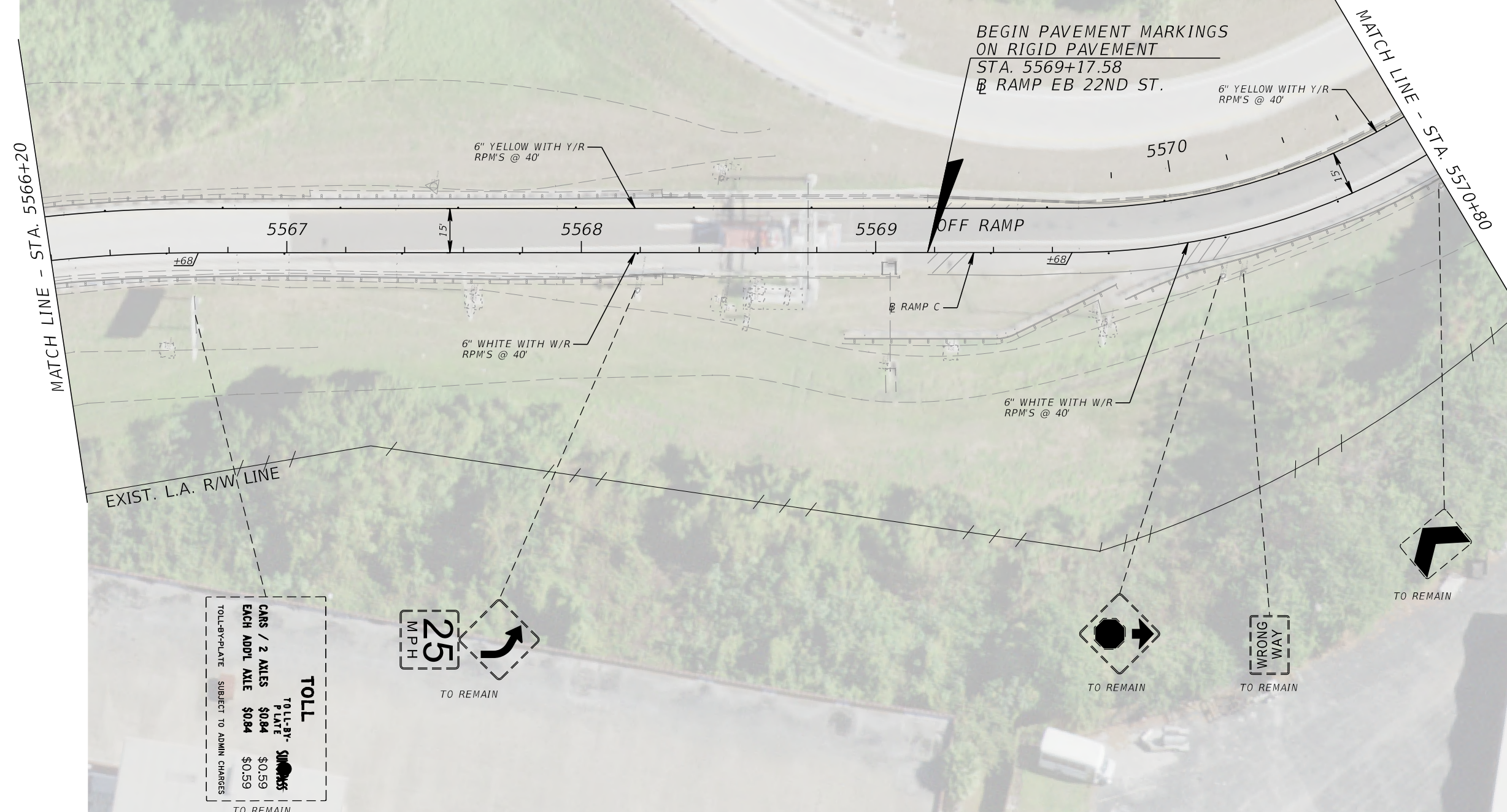
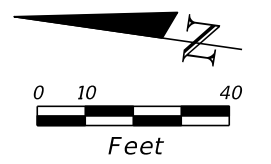
201 N. Franklin Street, Suite 400  
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Florida Certificate of Authorization No. 02317  
Engineer of Record: Burak Konuk, P.E.  
P.E. No.: 81581

TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119

**SIGNING & PAVEMENT  
MARKINGS (1) - 22ND ST.**

SHEET NO.  
27

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**TOLL**

TOLL-BY-PLATE	CARS / 2 AXLES	\$0.84
	EACH ADDL AXLE	\$0.84
		\$0.59
		\$0.59

TO REMAIN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**KCA**  
KISINGER CAMPO & ASSOCIATES

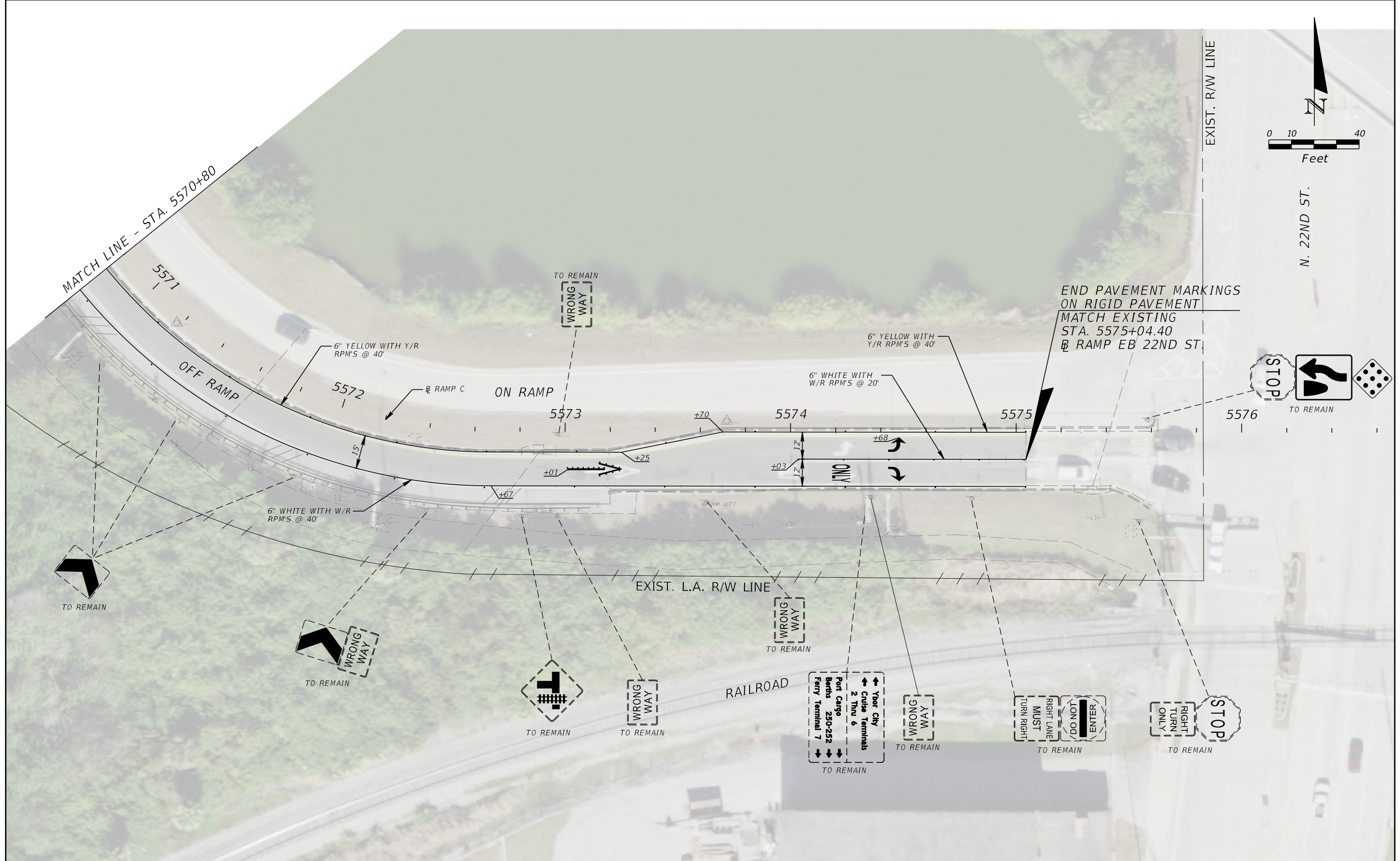
201 N. Franklin Street, Suite 400  
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P.E. No.: 81581

TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119

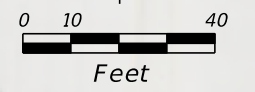
**SIGNING & PAVEMENT MARKINGS (2) - 22ND ST.**

SHEET NO.	28
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EXIST. R/W LINE



N. 22ND ST.

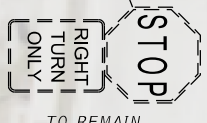
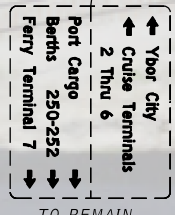
END PAVEMENT MARKINGS  
ON RIGID PAVEMENT  
MATCH EXISTING  
STA. 5575+04.40  
RAMP EB 22ND ST.



5576 TO REMAIN

EXIST. L.A. R/W LINE

RAILROAD



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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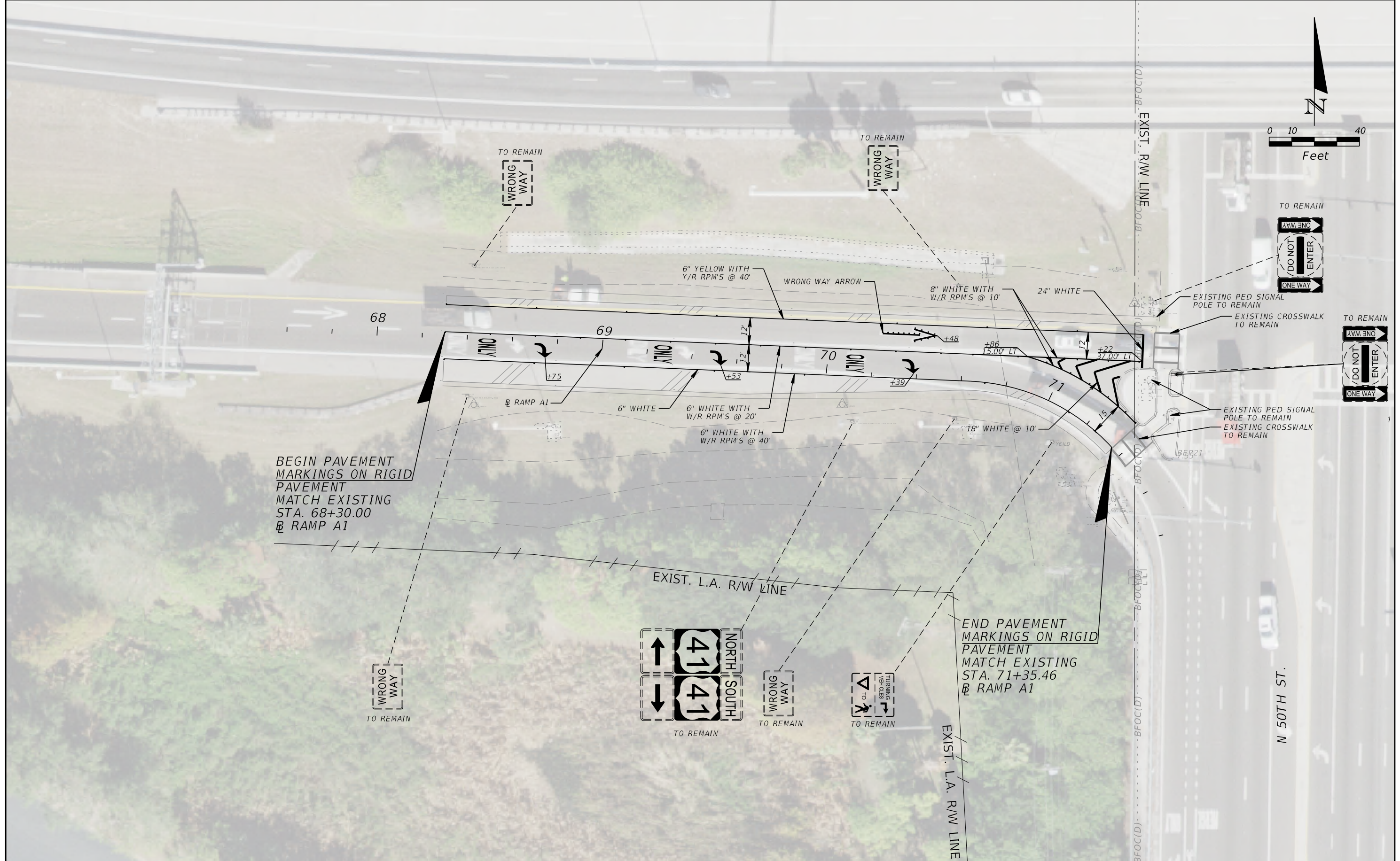
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P.E. No.: 81581

TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119

**SIGNING & PAVEMENT MARKINGS (3) - 22ND ST.**

SHEET NO.  
29

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BEGIN PAVEMENT MARKINGS ON RIGID PAVEMENT MATCH EXISTING STA. 68+30.00 @ RAMP A1

END PAVEMENT MARKINGS ON RIGID PAVEMENT MATCH EXISTING STA. 71+35.46 @ RAMP A1

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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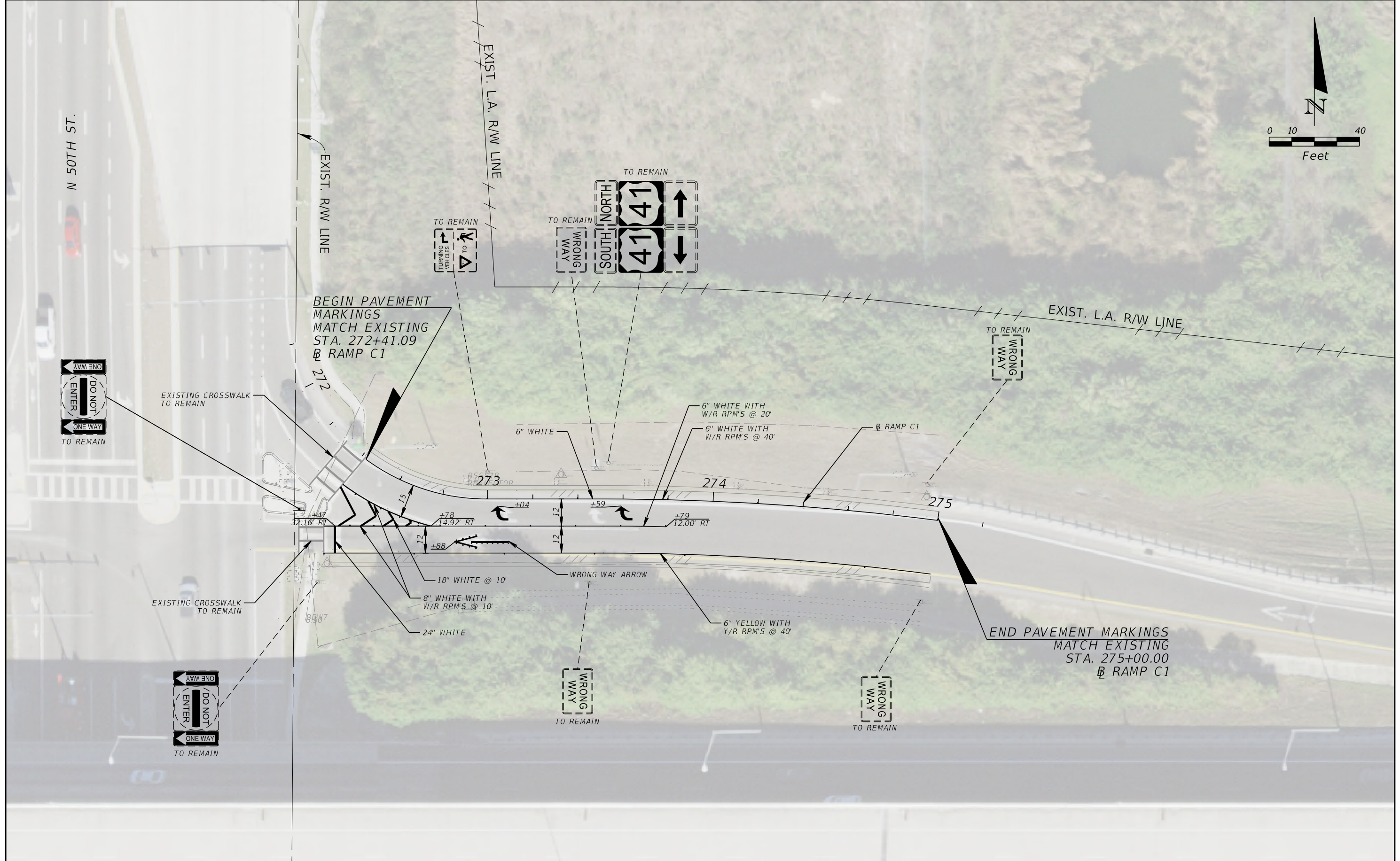
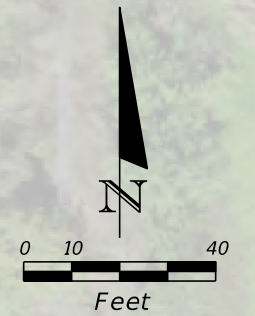
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P.E. No.: 81581

TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119

**SIGNING & PAVEMENT MARKINGS (4) - 50TH ST.**

SHEET NO.  
30

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BEGIN PAVEMENT MARKINGS MATCH EXISTING STA. 272+41.09  
 RAMP C1

END PAVEMENT MARKINGS MATCH EXISTING STA. 275+00.00  
 RAMP C1

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**KCA**  
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 P.E. No.: 81581

TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119

**SIGNING & PAVEMENT MARKINGS (5) - 50TH ST.**

SHEET NO.  
 31

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TEMPORARY TCP PLAN NOTES

1. UNLESS OTHERWISE NOTED IN THE PLANS, LANE CLOSURES AND DETOURS REQUIRED FOR ALL WORK SHALL OCCUR ONLY DURING THE FOLLOWING TIMES:
  - a. LANE CLOSURES ON SELMON EXPRESSWAY SHALL OCCUR ONLY BETWEEN THE HOURS OF 8:00 PM AND 5:00 AM.
  - b. LANE CLOSURES ON LOCAL STREETS SHALL OCCUR ONLY BETWEEN THE HOURS OF 11:00 PM AND 5:00 AM.
  - c. NO LANE CLOSURES SHALL OCCUR AT ANY TIME FROM 5:00 AM FRIDAY TO 8:00 PM SUNDAY.
2. PER FDOT SPECIFICATION 8-6.4, SUSPENSION OF CONTRACTORS OPERATIONS: HOLIDAYS AND SPECIAL EVENTS, SPECIAL EVENTS FOR THIS PROJECT INCLUDE:
  - a. TWO HOURS BEFORE TO TWO HOURS AFTER BUCCANEERS HOME GAMES OR OTHER EVENTS WITH A CROWD OF AT LEAST 10,000 TAKING PLACE AT RAYMOND JAMES STADIUM.
  - b. DURING GASPARILLA AND GUAVAWEEN.
  - c. TWO HOURS BEFORE TO TWO HOURS AFTER EVENTS TAKING PLACE AT AMALIE ARENA.
3. TRAFFIC CONDITIONS, ACCIDENTS AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT OR REMOVE LANE CLOSURES OR CHANNELIZATIONS SHOWN IN THE PLANS. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS, AS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND TO ANY REQUESTS MADE BY THE ENGINEER FOR CORRECTION, IMPROVEMENT OR MODIFICATION OF ALL TEMPORARY TRAFFIC CONTROL DEVICES, INCLUDING SIGNALIZATION AND TEMPORARY LIGHTING WITHIN 30 MINUTES FROM THE TIME OF NOTIFICATION.
4. THE CONTRACTOR SHALL NOTIFY ALL EMERGENCY AND RESCUE AGENCIES LOCATED IN THE PROJECT VICINITY AS WELL AS THE ENGINEER IN WRITING 14 DAYS IN ADVANCE OF ANY LANE CLOSURES, DETOURS OR RESTRICTIONS, AND AGAIN 24 HOURS IN ADVANCE.
5. THE EXISTING POSTED SPEED LIMITS ON SELMON EXPRESSWAY SHALL BE MAINTAINED AT ALL TIMES, EXCEPT DURING LANE CLOSURES PER FDOT STANDARD PLAN 102-670. THE EXISTING POSTED SPEED LIMITS ON ALL OTHER ROADWAYS SHALL BE MAINTAINED. THE EXISTING POSTED SPEED LIMITS ARE:
  - a. SELMON EXPRESSWAY – 55 MPH TO 65 MPH
  - b. 22<sup>ND</sup> STREET – 35 MPH
  - c. 50<sup>TH</sup> STREET – 40 MPH
6. LOCATIONS OF WORK ZONE ACCESS SHALL BE DETERMINED BY THE CONTRACTOR. THE CONTRACTOR SHALL SUBMIT A WRITTEN WORK ZONE ACCESS PLAN FOR EACH WORK ZONE LOCATION FOR APPROVAL BY THE ENGINEER PRIOR TO ACCESSING THE WORK ZONES.
7. THE CONTRACTOR SHALL NOTIFY THE CITY OF TAMPA TRAFFIC ENGINEERING DEPARTMENT AND FDOT TRAFFIC OPERATIONS LIAISON 48 HOURS PRIOR TO ANY TEMPORARY MODIFICATION OF AN EXISTING TRAFFIC SIGNAL.
8. FDOT STANDARD PLAN 102-670 SHALL BE UTILIZED FOR ALL LANE CLOSURES ON SELMON EXPRESSWAY.
9. CITY OF TAMPA RIGHT-OF-WAY PERMITS WILL BE REQUIRED WHEN CITY STREETS ARE USED FOR WORK ZONE TRAFFIC CONTROL, CLOSURES, OR DETOURS. THE CONTRACTOR IS ADVISED TO REVIEW THE PERMIT APPLICATION REQUIREMENTS PRIOR TO BID. THE PERMIT APPLICATION CAN BE FOUND AT <http://www.tampagov.net/planning-division/right-way-permits>
10. FOURTEEN DAYS PRIOR TO PLACING THE PHASE 1 OR PHASE 3 DETOUR INTO EFFECT, NOTIFY THE FOLLOWING CITY OF TAMPA PERSONNEL OF THE UPCOMING DETOUR AND THE NEED FOR TEMPORARY SIGNAL TIMING CHANGES AT 21<sup>ST</sup> OR 22<sup>ND</sup> STREET:
  - a. Jose Castillo: [Jose.Castillo@tampagov.net](mailto:Jose.Castillo@tampagov.net)
  - b. Nick An: [Nick.An@tampagov.net](mailto:Nick.An@tampagov.net)
11. FOURTEEN DAYS PRIOR TO PLACING THE PHASE 2 DETOUR INTO EFFECT, NOTIFY THE FOLLOWING HILLSBOROUGH COUNTY PERSONNEL OF THE UPCOMING DETOUR AND THE NEED FOR TEMPORARY SIGNAL TIMING CHANGES AT 78<sup>TH</sup> STREET:
  - a. Rafael De Dios Claudio: [DeDiosR@hillsboroughcounty.org](mailto:DeDiosR@hillsboroughcounty.org)
  - b. William Johnson: [JohnsonW@hillsboroughcounty.org](mailto:JohnsonW@hillsboroughcounty.org)
  - c. Amos Castillo: [CastilloA@HillsboroughCounty.ORG](mailto:CastilloA@HillsboroughCounty.ORG)
  - d. Brian Gentry: [GentryB@hillsboroughcounty.org](mailto:GentryB@hillsboroughcounty.org)
  - e. James Cullins: [CullinsJ@HillsboroughCounty.ORG](mailto:CullinsJ@HillsboroughCounty.ORG)

**PROJECT PHASING:**

PHASE 1: TEMPORARY CLOSURE AND CONSTRUCTION OF THE EASTBOUND EXIT RAMP TO 22<sup>ND</sup> STREET.


PHASE 2: TEMPORARY CLOSURE AND CONSTRUCTION OF THE EASTBOUND EXIT RAMP TO US 41.

PHASE 3: TEMPORARY CLOSURE AND CONSTRUCTION OF THE WESTBOUND EXIT RAMP TO US 41.

1. THE PHASE 1 RAMP CLOSURE SHALL BE IN EFFECT FOR A MAXIMUM OF SIXTEEN CONTINUOUS 24 HOUR PERIODS. THE RAMP CLOSURE PERIOD SHALL BEGIN BETWEEN 8:00PM ON A FRIDAY NIGHT AND 5:00AM THE FOLLOWING MORNING AND END NO LATER THAN 5:00AM ON A MONDAY MORNING TWO WEEKENDS LATER. THE RAMP SHALL BE CLOSED ONLY ONE TIME. MULTIPLE OPENINGS AND CLOSURES ARE NOT PERMITTED. THE RAMP MUST BE OPEN TO TRAFFIC PRIOR TO THE END OF THE 16<sup>TH</sup> 24 HOUR PERIOD.
2. THE PHASE 2 AND PHASE 3 RAMP CLOSURES SHALL EACH BE IN EFFECT FOR A MAXIMUM OF NINE CONTINUOUS 24 HOUR PERIODS. THE RAMP CLOSURE PERIOD SHALL BEGIN BETWEEN 8:00PM ON A FRIDAY NIGHT AND 5:00AM THE FOLLOWING MORNING AND END NO LATER THAN 5:00AM ON A MONDAY MORNING THE FOLLOWING WEEKEND. EACH RAMP SHALL BE CLOSED ONLY ONE TIME. MULTIPLE OPENINGS AND CLOSURES ARE NOT PERMITTED. EACH RAMP MUST BE OPEN TO TRAFFIC PRIOR TO THE END OF THE NINTH 24 HOUR PERIOD.
3. WORK MUST BE MAINTAINED IN AN ACTIVE MANNER CONTINUOUSLY AT ALL TIMES DURING THE RAMP CLOSURE.
4. ONLY ONE TTC PHASE SHALL BE IN EFFECT AT ANY GIVEN TIME. MULTIPLE PHASES SHALL NOT OVERLAP OR BE IN EFFECT CONCURRENTLY. FOR EXAMPLE, PHASE 1 MUST BE COMPLETED AND OPEN TO TRAFFIC BEFORE PHASE 2 BEGINS.
5. THE THREE PHASES MAY BE CONSTRUCTED IN ANY ORDER.

MAINTAIN SPACING OF ALL CHANNELIZATION DEVICES FOR ALL LANE CLOSURES AND DETOURS PER TABLE 1 BELOW

Speed (mph)	Max. Distance Between Devices (ft.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50
50 to 70	25	50	50	100

REVISIONS				 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Florida Certificate of Authorization No. 02317 Engineer of Record: Darren P. Brandes, P.E. P.E. No.: 53982	TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY			TTC PLAN TTC NOTES	SHEET NO.  33
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	THEA PROJECT ID		
					618	HILLSBOROUGH	O-02119		

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TEMPORARY TCP PLAN PHASE NOTES

PHASE 1

EASTBOUND EXIT RAMP TO N 22<sup>ND</sup> STREET (EXIT 9)

1. INSTALL ALL TEMPORARY ADVANCE WARNING SIGNS ON THE EASTBOUND EXPRESSWAY MAINLINE AND ON 22<sup>ND</sup> STREET PER THE PHASE 1 TTC PLAN.
2. INSTALL ALL CHANNELIZATION DEVICES AND BARRICADES AS SHOWN IN THE PHASE 1 TTC PLAN.
3. INSTALL REMOVABLE PAVEMENT MARKINGS.
4. CLOSE EXIT 9 (EASTBOUND EXIT TO 22<sup>ND</sup> STREET) TO TRAFFIC.
5. COMPLETE ALL WORK ON THE EXIT RAMP WHILE THE RAMP IS CLOSED TO TRAFFIC.
6. UPON COMPLETION OF ALL WORK, OPEN RAMP TO TRAFFIC.

PHASE 2


EASTBOUND EXIT RAMP TO US 41 (50<sup>TH</sup> ST) (EXIT 11)

1. INSTALL ALL TEMPORARY ADVANCE WARNING SIGNS ON THE EASTBOUND EXPRESSWAY MAINLINE AND ON US 41 PER THE PHASE 2 TTC PLAN.
2. INSTALL LANE CLOSURES AS SHOWN IN THE PHASE 2 TTC PLAN.
3. INSTALL REMOVABLE PAVEMENT MARKINGS.
4. INSTALL ALL CHANNELIZATION DEVICES AND BARRICADES AS SHOWN IN THE PHASE 2 TTC PLAN.
5. CLOSE EXIT 11 (EASTBOUND EXIT TO US 41) TO TRAFFIC.
6. COMPLETE ALL WORK ON THE EXIT RAMP WHILE THE RAMP IS CLOSED TO TRAFFIC.
7. UPON COMPLETION OF ALL WORK, OPEN RAMP TO TRAFFIC.

PHASE 3

WESTBOUND EXIT RAMP TO US 41 (50<sup>TH</sup> ST) (EXIT 11)

1. INSTALL ALL TEMPORARY ADVANCE WARNING SIGNS ON THE WESTBOUND EXPRESSWAY MAINLINE AND ON US 41 PER THE PHASE 3 TTC PLAN.
2. INSTALL REMOVABLE PAVEMENT MARKINGS.
3. INSTALL ALL CHANNELIZATION DEVICES AND BARRICADES AS SHOWN IN THE PHASE 3 TTC PLAN.
4. CLOSE EXIT 11 (EASTBOUND EXIT TO US 41) TO TRAFFIC.
5. COMPLETE ALL WORK ON THE EXIT RAMP WHILE THE RAMP IS CLOSED TO TRAFFIC.
6. UPON COMPLETION OF ALL WORK, OPEN RAMP TO TRAFFIC.

REVISIONS				 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Florida Certificate of Authorization No. 02317 Engineer of Record: Darren P. Brandes, P.E. P.E. No.: 53982	TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY			TTC PLAN TTC PHASE NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	THEA PROJECT ID		34
					618	HILLSBOROUGH	O-02119		

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MATCH LINE A

**LEGEND:**

- DIRECTION OF TRAVEL
- CLOSED RAMP / WORK ZONE
- WORK ZONE SIGN
- TYPE I OR TYPE II BARRICADE OR VERTICAL PANEL, DRUM OR CONES PER FDOT STANDARD PLAN 102-600
- ADVANCE WARNING ARROW PANEL
- TYPE III BARRICADE
- PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGN
- DETOUR ROUTE

RWA							
						<i>RUN THIS MESSAGE FOR 14 DAYS PRIOR TO CLOSURE</i>	<i>DURING CLOSURE</i>
	DL1	DL2	DL3	DL4	RC1		

REVISIONS				TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY			PHASE 1		SHEET NO. 35
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	THEA PROJECT ID	TTC PLAN 22ND ST DETOUR		
				618	HILLSBOROUGH	O-02119			

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Florida Certificate of Authorization No. 02317  
Engineer of Record: Darren P. Brandes, P.E.  
P.E. No.: 53982

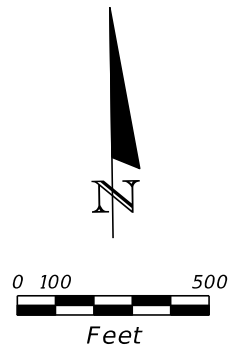
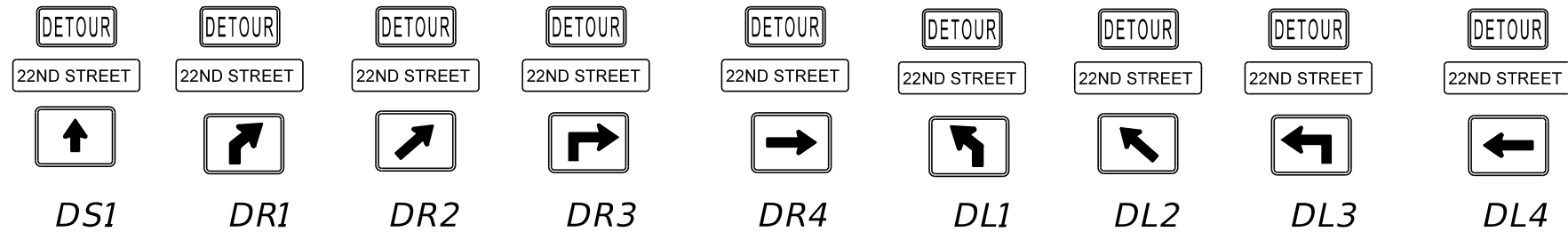
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MATCH LINE A



LEGEND:

	DIRECTION OF TRAFFIC
	WORK AREA
	WORK ZONE SIGN
	PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGN
	22ND STREET DETOUR ROUTE



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**KCA**  
KISINGER CAMPO & ASSOCIATES

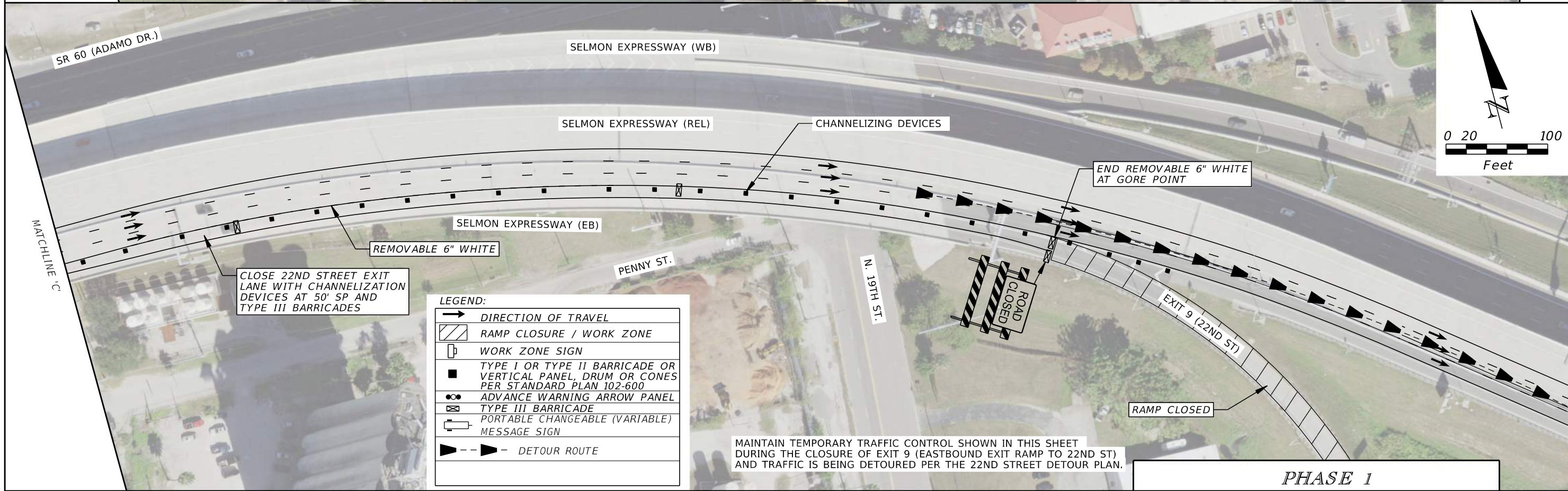
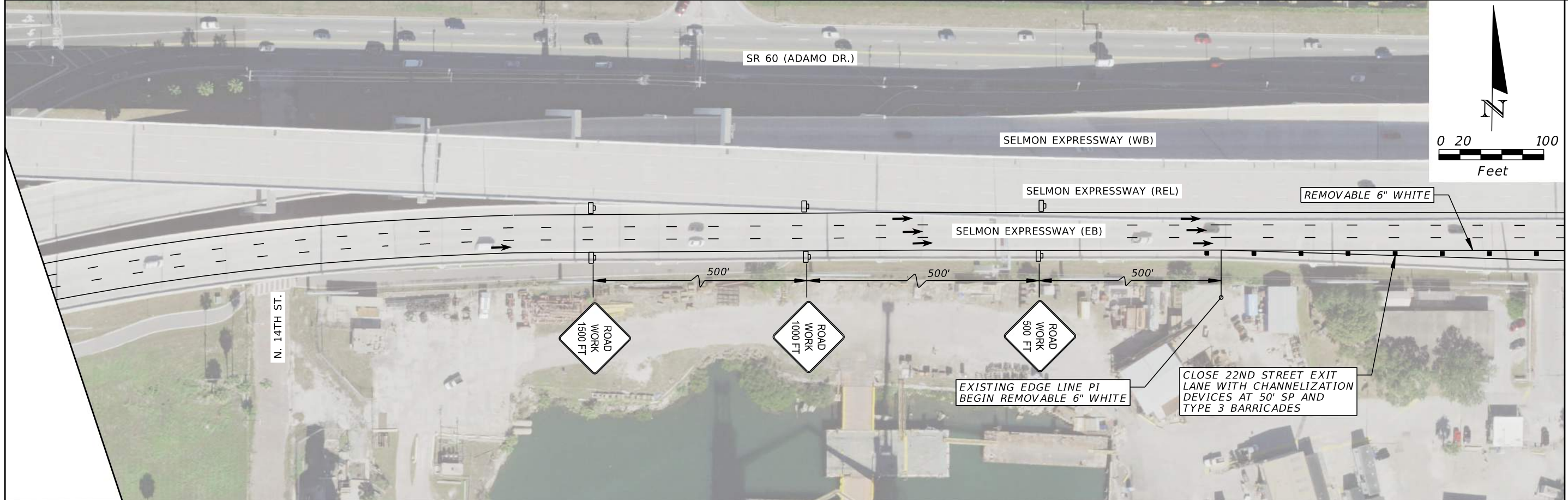
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Engineer of Record: Darren P. Brandes, P.E.  
P.E. No.: 53982

<b>TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY</b>		
ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119

<b>PHASE 1</b>
<b>TTC PLAN</b>
<b>22ND ST DETOUR</b>

SHEET NO.
36

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



**LEGEND:**

	DIRECTION OF TRAVEL
	RAMP CLOSURE / WORK ZONE
	WORK ZONE SIGN
	TYPE I OR TYPE II BARRICADE OR VERTICAL PANEL, DRUM OR CONES PER STANDARD PLAN 102-600
	ADVANCE WARNING ARROW PANEL
	TYPE III BARRICADE
	PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGN
	DETOUR ROUTE

MAINTAIN TEMPORARY TRAFFIC CONTROL SHOWN IN THIS SHEET DURING THE CLOSURE OF EXIT 9 (EASTBOUND EXIT RAMP TO 22ND ST) AND TRAFFIC IS BEING DETOURED PER THE 22ND STREET DETOUR PLAN.

**PHASE 1**

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**KCA**  
KISINGER CAMPO & ASSOCIATES

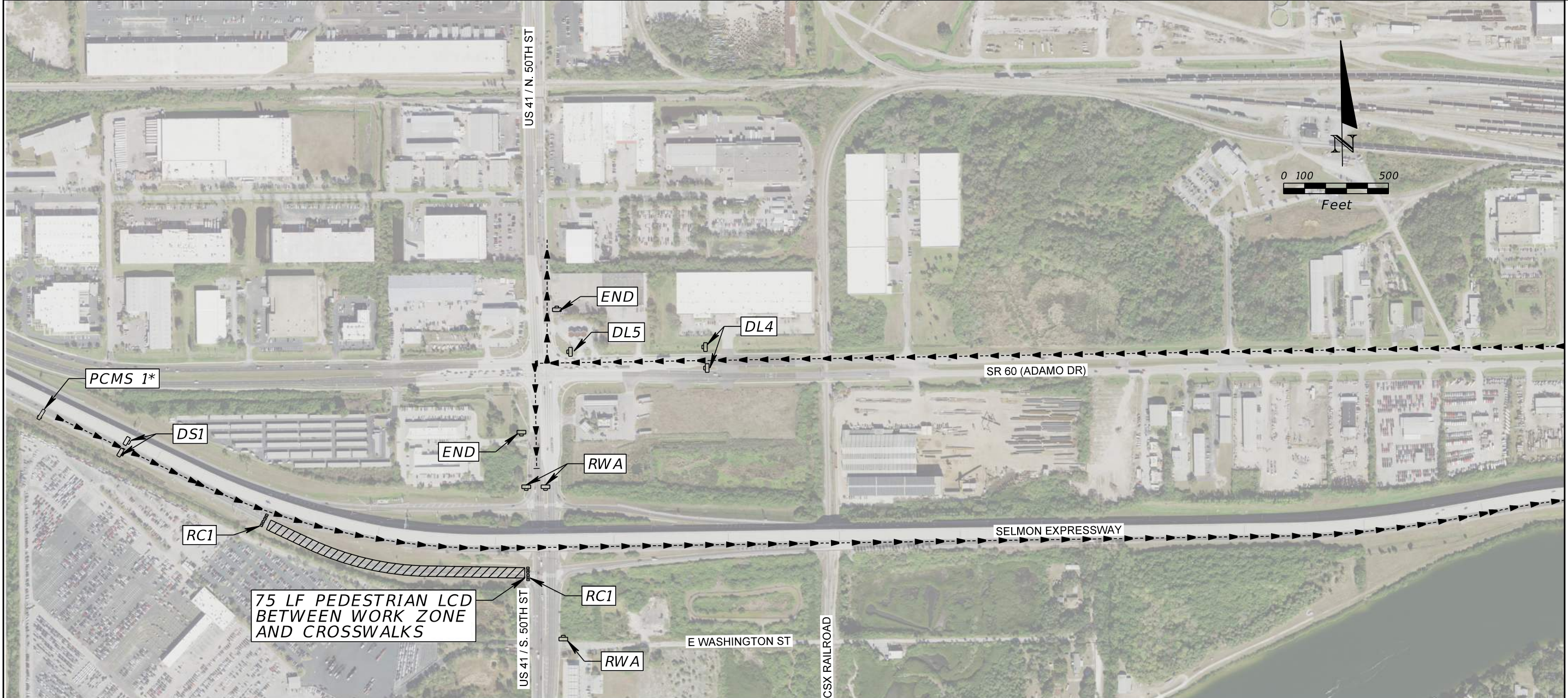
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Tampa, Florida 33602  
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Engineer of Record: Darren P. Brandes, P.E.  
P.E. No.: 53982

TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119

**TTC PLAN**  
**22ND ST DETOUR DETAIL**

SHEET NO.
37

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MATCH LINE A

**LEGEND:**

- TRAFFIC FLOW
- ▨ WORK AREA
- ▭ WORK ZONE SIGN
- ADVANCE WARNING ARROW PANEL
- ⊠ TYPE III BARRICADE
- ⊞ PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGN
- DETOUR ROUTE

**RWA**

**RC1**

**DS1**

**DR1**

**DR2**

**DR3**

**DR4**

**END**

**DL1**

**DL2**

**DL3**

**DL4**

**DL5**

**EXIT 11 WILL BE CLOSED**

**EXIT 11 50TH ST CLOSED**

**DETOUR VIA EXIT 12**

PCMS 'T' 14 DAYS PRIOR TO CLOSURE

PCMS 1 DURING CLOSURE

\* PLACE 1200' IN ADVANCE OF EXIT 9

THE 50TH STREET EASTBOUND RAMP DETOUR SHALL BE IN EFFECT WHEN WORK ON THE WESTBOUND EXPRESSWAY OFF-RAMP AFFECTS TRAFFIC.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**KCA**  
KISINGER CAMPO & ASSOCIATES

201 N. Franklin Street, Suite 400  
Tampa, Florida 33602  
Florida Certificate of Authorization No. 02317  
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P.E. No.: 53982

**TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY**

ROAD NO.	COUNTY	THEA PROJECT ID
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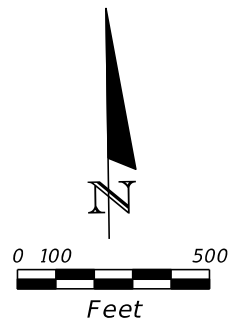
**PHASE 2**

**TTC PLAN**

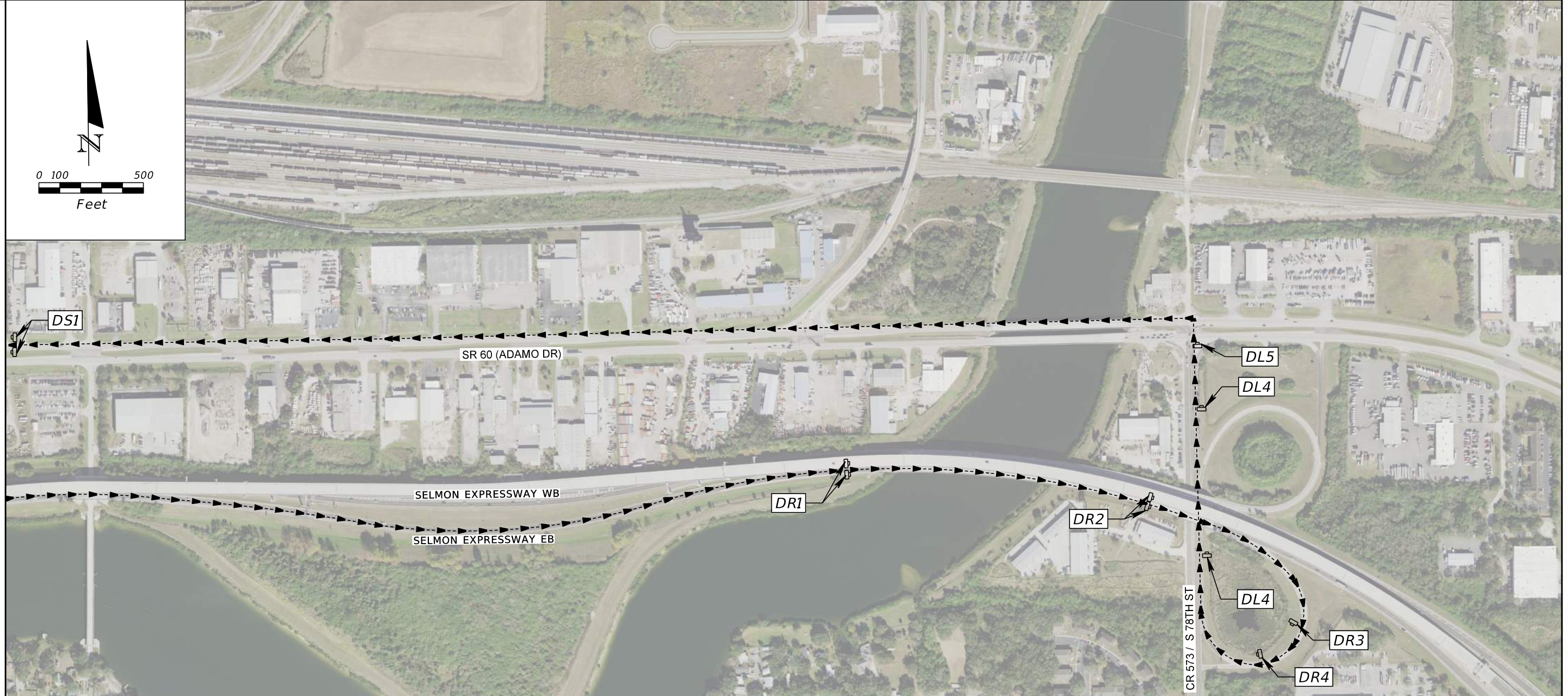
**50TH ST EB RAMP DETOUR**

SHEET NO. 38

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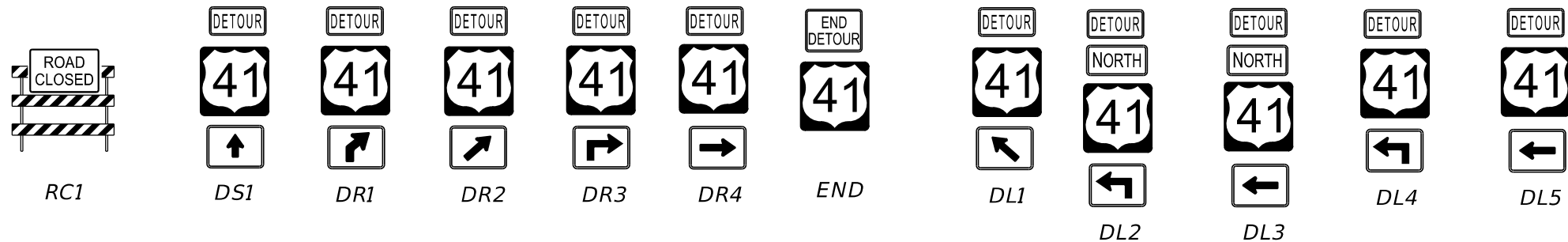


MATCH LINE A



LEGEND:

	TRAFFIC FLOW
	WORK AREA
	CONSTRUCTION SIGN
	ADVANCE WARNING ARROW PANEL
	TYPE III BARRICADE
	PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGN
	DETOUR ROUTE



THE 50TH STREET EASTBOUND RAMP DETOUR SHALL BE IN EFFECT WHEN WORK ON THE WESTBOUND EXPRESSWAY OFF-RAMP AFFECTS TRAFFIC.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**KCA**  
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201 N. Franklin Street, Suite 400  
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Florida Certificate of Authorization No. 02317  
Engineer of Record: Darren P. Brandes, P.E.  
P.E. No.: 53982

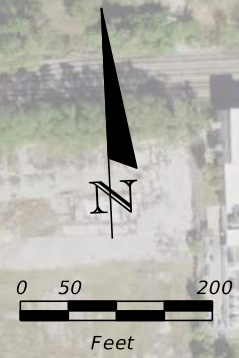
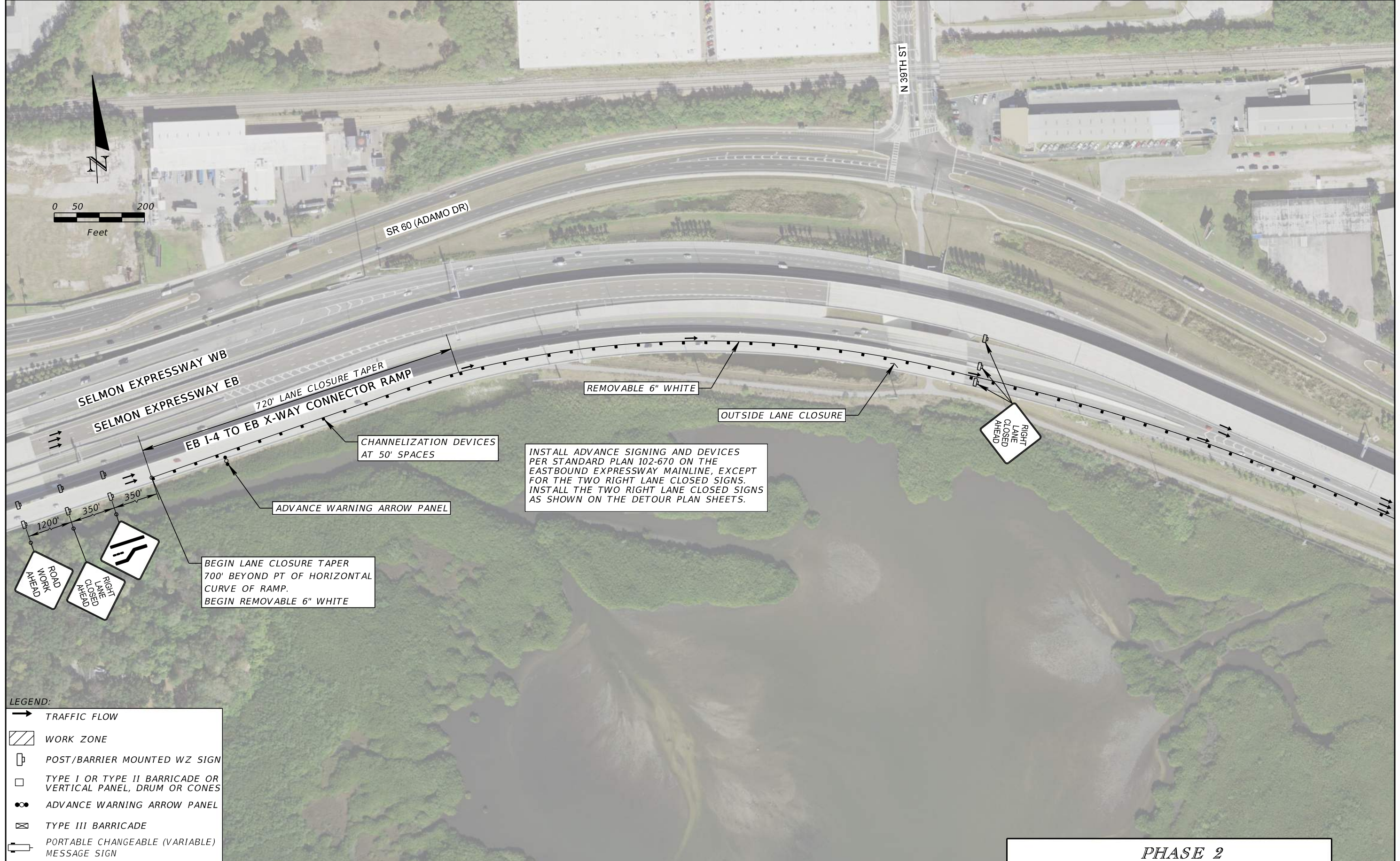
TAMPA HILLSBOROUGH  
EXPRESSWAY AUTHORITY

ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119

<i>PHASE 2</i>
<i>TTC PLAN</i>
<i>50TH ST EB RAMP DETOUR</i>

SHEET NO.  
39

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**LEGEND:**

- TRAFFIC FLOW
- ▨ WORK ZONE
- POST/BARRIER MOUNTED WZ SIGN
- TYPE I OR TYPE II BARRICADE OR VERTICAL PANEL, DRUM OR CONES
- ADVANCE WARNING ARROW PANEL
- ⊠ TYPE III BARRICADE
- PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**KCA**  
KISINGER CAMPO & ASSOCIATES

201 N. Franklin Street, Suite 400  
Tampa, Florida 33602  
Florida Certificate of Authorization No. 02317  
Engineer of Record: Darren P. Brandes, P.E.  
P.E. No.: 53982

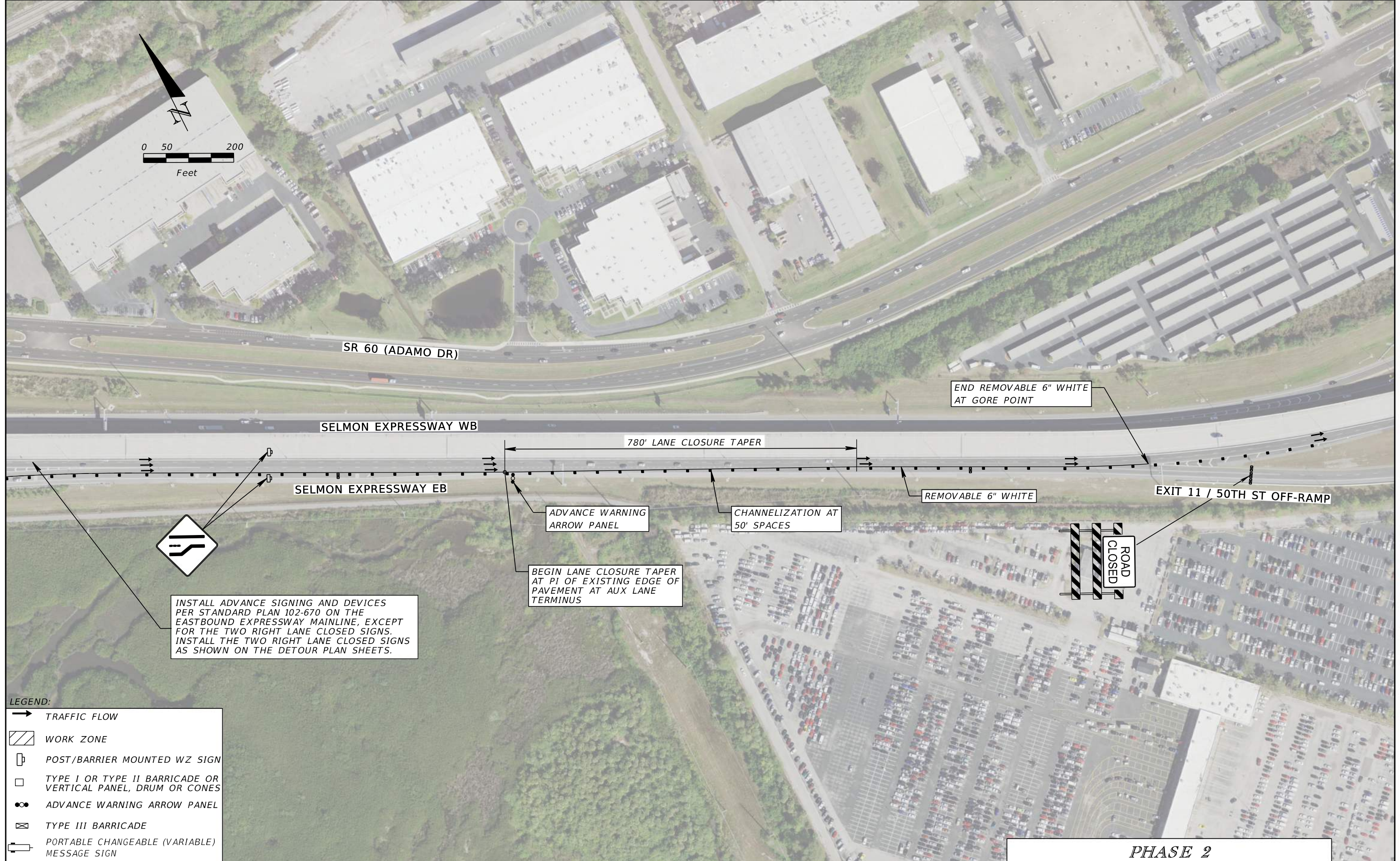
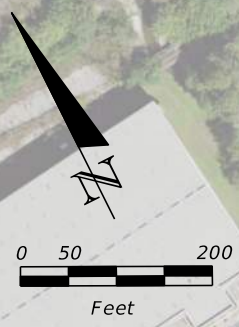
TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119

**PHASE 2**

**TTC PLAN**  
**50TH ST EB RAMP DETOUR**

SHEET NO.  
40

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



INSTALL ADVANCE SIGNING AND DEVICES PER STANDARD PLAN 102-670 ON THE EASTBOUND EXPRESSWAY MAINLINE, EXCEPT FOR THE TWO RIGHT LANE CLOSED SIGNS. INSTALL THE TWO RIGHT LANE CLOSED SIGNS AS SHOWN ON THE DETOUR PLAN SHEETS.

**LEGEND:**

- TRAFFIC FLOW
- ▨ WORK ZONE
- POST/BARRIER MOUNTED WZ SIGN
- TYPE I OR TYPE II BARRICADE OR VERTICAL PANEL, DRUM OR CONES
- ADVANCE WARNING ARROW PANEL
- ▣ TYPE III BARRICADE
- PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**KCA**  
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201 N. Franklin Street, Suite 400  
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TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119

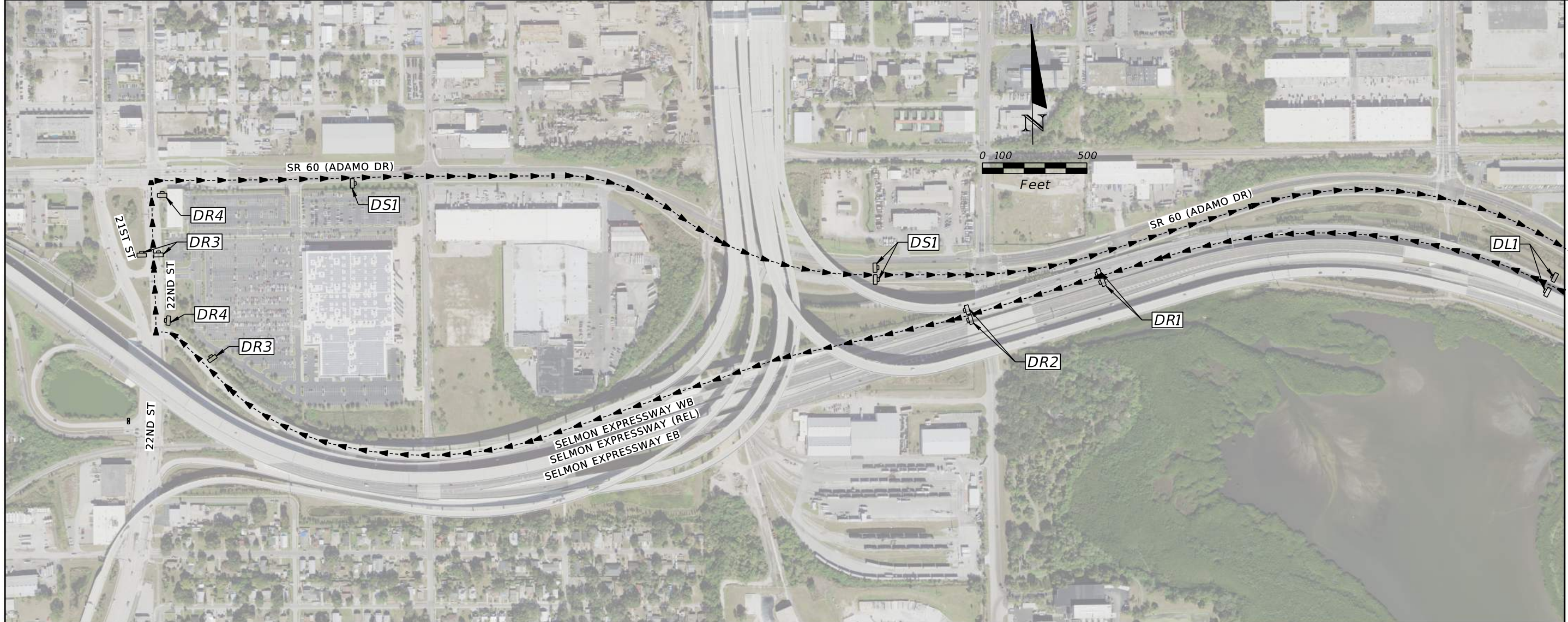
**PHASE 2**

**TTC PLAN**

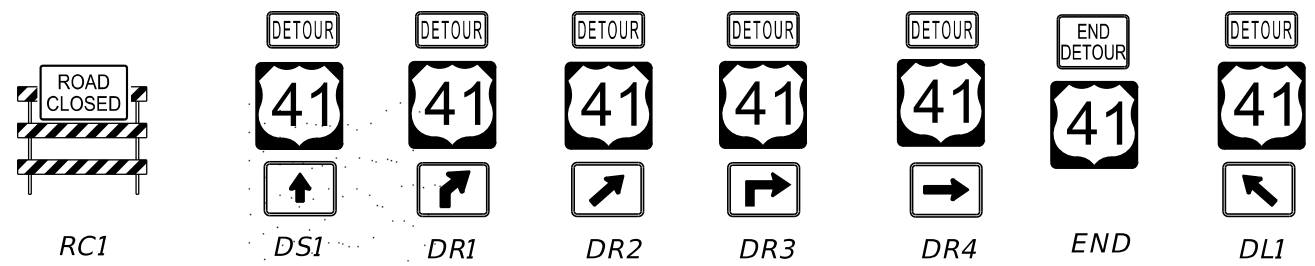
**50TH ST EB RAMP DETOUR**

SHEET NO.
41

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



MATCH LINE A

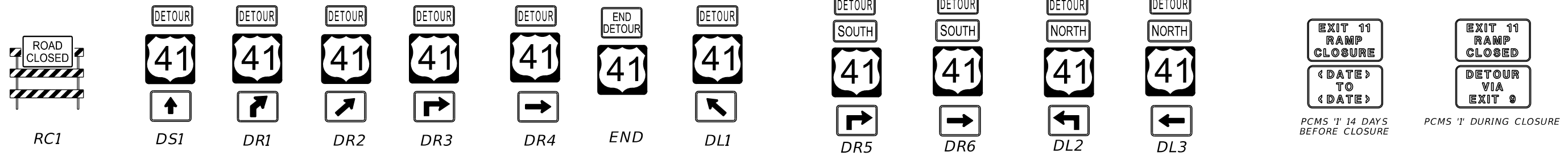
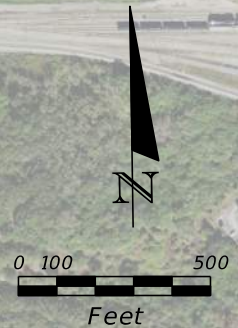
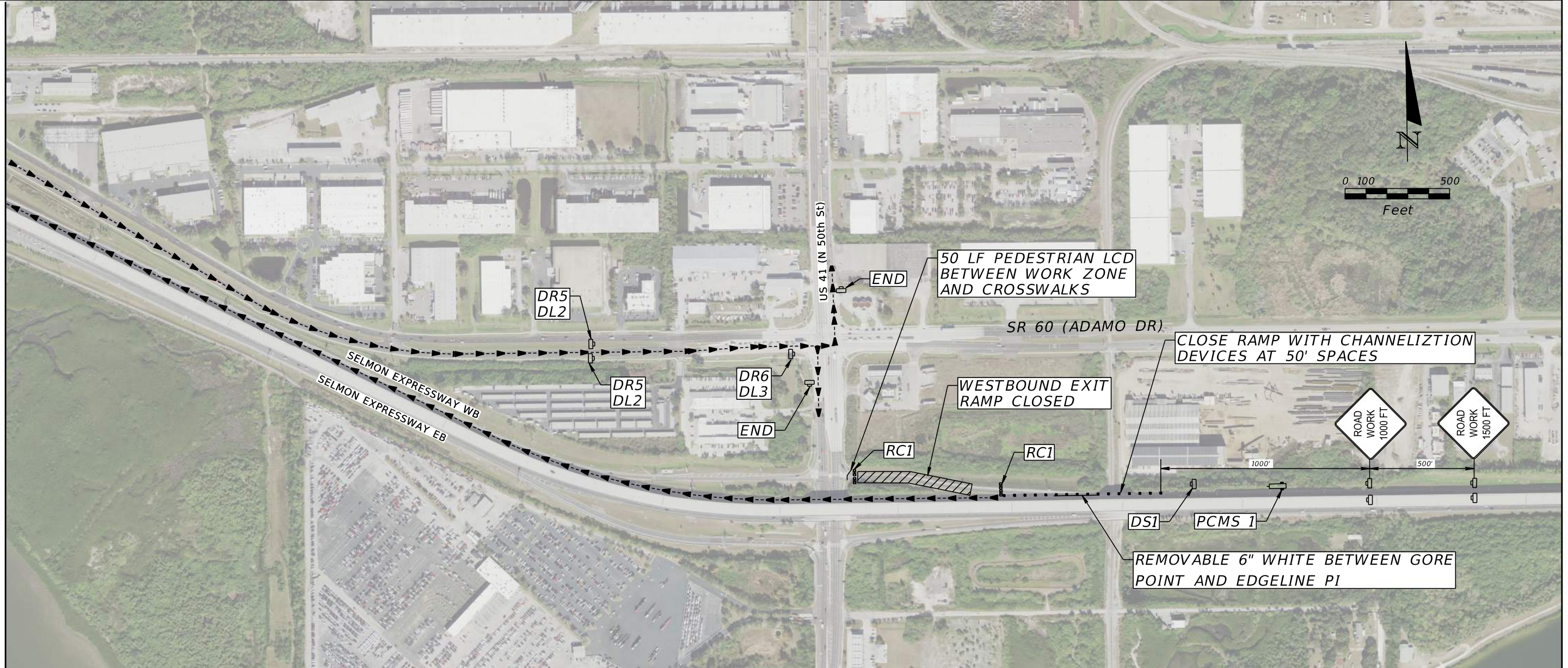


THE 50TH STREET WESTBOUND RAMP DETOUR SHALL BE IN EFFECT WHEN WORK ON THE WESTBOUND EXPRESSWAY OFF-RAMP AFFECTS TRAFFIC.

REVISIONS				 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Florida Certificate of Authorization No. 02317 Engineer of Record: Darren P. Brandes, P.E. P.E. No.: 53982	TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY ROAD NO. COUNTY THEA PROJECT ID 618 HILLSBOROUGH 0-02119			PHASE 3 TTC PLAN 50TH ST WB RAMP DETOUR		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION						42	

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

MATCH LINE A



THE 50TH STREET WESTBOUND RAMP DETOUR SHALL BE IN EFFECT WHEN WORK ON THE WESTBOUND EXPRESSWAY OFF-RAMP AFFECTS TRAFFIC.

PHASE 3

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**KCA**  
KISINGER CAMPO & ASSOCIATES

201 N. Franklin Street, Suite 400  
Tampa, Florida 33602  
Florida Certificate of Authorization No. 02317  
Engineer of Record: Darren P. Brandes, P.E.  
P.E. No.: 53982

TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119

TTC PLAN  
50TH ST WB RAMP DETOUR

SHEET NO.
43


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

999-2 LUMP SUM CONTRACT: ALL OTHER PAY ITEM NUMBERS SHOWN IN THE CONTRACT PLANS ARE PROVIDED FOR THE PURPOSE OF DESCRIBING THE WORK TO BE PERFORMED. PAY ITEM DESCRIPTIONS ARE FOUND IN THE DEPARTMENTS BASIS OF ESTIMATES MANUAL. QUANTITIES ARE FOR INFORMATIONAL PURPOSES ONLY AND IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL QUANTITIES DEPICTED IN THE SUMMARY OF QUANTITY SHEETS.

SUMMARY OF LUMP SUM ITEMS					
PAY ITEM NO.	PAY ITEM DESCRIPTION	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
101-1	MOBILIZATION	1			

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS												
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE I			PHASE II			TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL	P	F		
			DAYS	P	P	DAYS	P	P	P	F		
102-1	Maintenance Of Traffic	LS	17			10			1			
102-60	Work Zone Sign	ED	17	72	1224	10	52	520	1744			
102-62	Barrier Mounted Work Zone Sign	ED	17	24	408	10	22	220	628			
102-74-1	Channelizing Device-Types I, II, DI, VP, Drum, or LCD	ED	17	40	680	10	106	1060	1740			
102-74-2	Channelizing Device-Type III, 6'	ED	17	6	102	10	7	70	172			
102-74-7	Channelizing Device, Pedestrian LCD	LF						75	75			
102-76	Arrow Board / Advance Warning Arrow Panel	ED				10	2	20	20			
102-99	Portable Changeable Message Sign- Temporary	ED			31			34	65	PHASE DURATION + 14 DAYS		
102-150-1	Portable Regulatory Sign	ED				10	2	20	20			
102-150-2	Radar Speed Display Unit	ED				10	2	20	20			
102-911-2	Pavement Marking Removable Tape, White or Black, Solid	LF			1280			5320	6600			

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS												
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE III			TOTAL			GRAND TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL	P	F		
			DAYS	P	P	DAYS	P	P	P	F		
102-1	Maintenance Of Traffic	LS	10						1		37 CONSTRUCTION DAYS	
102-60	Work Zone Sign	ED	10	51	510			510	2254			
102-62	Barrier Mounted Work Zone Sign	ED	10	18	180			180	808			
102-74-1	Channelizing Device-Types I, II, DI, VP, Drum, or LCD	ED	10	15	150			150	1890			
102-74-2	Channelizing Device-Type III, 6'	ED	10	5	50			50	222			
102-74-7	Channelizing Device, Pedestrian LCD	LF			50			50	125			
102-76	Arrow Board / Advance Warning Arrow Panel	ED	10						20			
102-99	Portable Changeable Message Sign- Temporary	ED	10		24			24	89	PHASE DURATION + 14 DAYS		
102-150-1	Portable Regulatory Sign	ED	10						20			
102-150-2	Radar Speed Display Unit	ED	10						20			
102-911-2	Pavement Marking Removable Tape, White or Black, Solid	LF			220			220	6820			

<table border="1"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				REVISIONS				DATE	DESCRIPTION	DATE	DESCRIPTION					 <p>201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Florida Certificate of Authorization No. 02317 Engineer of Record: Darren P. Brandes, P.E. P.E. No.: 53982</p>	<p><b>TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY</b></p> <table border="1"> <thead> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>THEA PROJECT ID</th> </tr> </thead> <tbody> <tr> <td>618</td> <td>HILLSBOROUGH</td> <td>O-02119</td> </tr> </tbody> </table>			ROAD NO.	COUNTY	THEA PROJECT ID	618	HILLSBOROUGH	O-02119	<p><b>SUMMARY OF QUANTITIES (1)</b></p>	<p>SHEET NO.</p>
REVISIONS																											
DATE	DESCRIPTION	DATE	DESCRIPTION																								
ROAD NO.	COUNTY	THEA PROJECT ID																									
618	HILLSBOROUGH	O-02119																									
<p>SQ-1</p>																											

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

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES							
LOCATION	SIDE	SEDIMENT BARRIER		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
STA. TO STA.		0104 10 3		0104 18			
		LF		EA			
	P	F	P	F			
5565+18.00	RT.			1			
5569+05.00	RT.			1			
5571+60.00	RT.			1			
5572+88.00	RT.			1			
5575+37.00	RT.			1			
5575+62.00	LT.			1			
5573+20.00 TO 5574+93.05	RT.	173.1					
5574+93.05 TO 5575+02.11	RT.	17.0					
5575+02.11 TO 5575+07.38	RT.	5.3					
5575+07.38 TO 5575+16.50	RT.	17.3					
5575+16.50 TO 5575+40.69	RT.	24.2					
5575+40.69 TO 5575+58.55	RT.	17.9					
70+68.00	LT.			1			
68+30.00 TO 71+03.36	RT.	268.8					
70+80.00	RT.			1		EDGEDRAIN CONNECTION TO BOX CULVERT	
71+03.36 TO 71+02.13	RT.	33.5					
71+02.13 TO 71+07.70	RT.	11.1					
71+07.70 TO 71+39.52	RT.	23.3					
71+39.52 TO 71+54.96	RT.	10.8					
71+54.96 TO 71+90.12	RT.	25.3					
68+30.00 TO 71+18.30	LT.	315.3					
272+92.00	RT.			1			
271+95.00 TO 272+05.00	LT.	8.8					
272+05.00 TO 272+10.00	LT.	6.4					
272+10.00 TO 272+20.00	LT.	13.1					
272+20.00 TO 272+44.10	LT.	17.7					
272+44.10 TO 272+50.00	LT.	13.3					
272+50.00 TO 272+63.40	LT.	11.4					
272+63.40 TO 272+84.00	LT.	18.2					
272+84.00 TO 274+95.00	LT.	211.0					
SUB-TOTAL:		1242.7		9.0			
TOTAL:		1243		9			

SUMMARY OF EDGEDRAIN							
LOCATION	SIDE	EDGEDRAIN		OUTLET PIPE LENGTH		DESIGN NOTES	CONSTRUCTION REMARKS
STA. TO STA.		0446 1 1		0446 71 1			
		4" (LF)		4" (LF)			
	P	F	P	F			
5569+17.58 TO 5571+60.00	LT.	253.0		4.0		EDGEDRAIN OUTLET AT CURB INLET	
5571+65.00 TO 5572+87.00	LT.	132.0		4.0		EDGEDRAIN OUTLET AT CURB INLET	
5572+90.00 TO 5574+00.00	LT.	131.2		121.8		EDGEDRAIN OUTLET AT 18" PIPE	
5573+80.00 TO 5575+04.40	RT.	124.4		27.0		EDGEDRAIN OUTLET W/ MES INTO DITCH AT STA. 5575+04.40 RT.	
68+30.00 TO 70+50.00	LT.	220.0		17.0		EDGEDRAIN OUTLET W/ MES INTO DITCH AT STA. 70+50.00 LT.	
69+00.00 TO 70+80.00	RT.	180.0		2.0		EDGEDRAIN OUTLET AT 8'x9' BOX CULVERT	
71+35.46 TO 70+80.00	RT.	55.5		4.0		EDGEDRAIN OUTLET AT 8'x9' BOX CULVERT	
274+00.00 TO 272+30.00	LT.	170.0		2.0		EDGEDRAIN OUTLET AT 48" PIPE	
272+50.00 TO 272+92.00	RT.	42.0					
275+00.00 TO 272+92.00	RT.	208.0		19.0		EDGEDRAIN OUTLET PIPE INTO INLET AT STA. 272+92 RT.	
SUB-TOTAL:		1516.1		200.8			
TOTAL:		1516		201			

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**KCA**  
KISINGER CAMPO & ASSOCIATES

201 N. Franklin Street, Suite 400  
Tampa, Florida 33602  
Florida Certificate of Authorization No. 02317  
Engineer of Record: Tara K.M. Spleler, P.E.  
P.E. No.: 55333

TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY		
ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119

SUMMARY OF QUANTITIES (2)	


SHEET NO.	

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

**SUMMARY OF PAVEMENT**

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
0160 4	Type B Stabilization	68+30.00 to 71+35.46	RAMP A1	LT/RT	15115	SY	1528.5		4378			
		272+41.09 to 275+00.00	RAMP C1	LT/RT	15236		1114.2					
		5569+17.58 to 5569+67.66	RAMP EB 22nd ST	LT/RT	17154		145.8					
		5569+67.66 to 5573+20.00	RAMP EB 22nd ST	RT	17167		1029.3					
		5573+20.00 to 5575+04.40	RAMP EB 22nd ST	LT/RT	11890		559.7					
285701	Optional Base, Base Group 01	68+30.00 to 70+64.00	RAMP A1	LT/RT	8157	SY	675.1		3885		Type B-12.5	
		68+30.00 to 71+19.38	RAMP A1	LT	7854		116.6				Type B-12.5 (Shldr)	
		68+30.00 to 71+35.46	RAMP A1	RT	14507		234.5				Type B-12.5 (Shldr)	
		70+64.00 to 71+35.46	RAMP A1	LT/RT	15318		292.4				Type B-12.5	
		272+41.09 to 273+51.32	RAMP C1	LT/RT	14755		398.3				Type B-12.5	
		272+41.09 to 275+00.00	RAMP C1	LT	14779		95.3				Type B-12.5 (Shldr)	
		272+50.56 to 275+00.00	RAMP C1	RT	8599		98.6				Type B-12.5 (Shldr)	
		273+51.32 to 275+00.00	RAMP C1	LT/RT	8808		425.0				Type B-12.5	
		5569+17.58 to 5569+67.66	RAMP EB 22nd ST	LT	17386		85.5				Type B-12.5	
		5569+17.58 to 5569+67.66	RAMP EB 22nd ST	LT/RT	16465		47.9				Type B-12.5 (Shldr)	
		5569+67.66 to 5571+00.00	RAMP EB 22nd ST	RT	17395		228.5				Type B-12.5	
		5569+67.66 to 5571+00.00	RAMP EB 22nd ST	RT	17350		135.0				Type B-12.5 (Shldr)	
		5571+00.00 to 5573+20.00	RAMP EB 22nd ST	RT	17410		379.0				Type B-12.5	
		5571+00.00 to 5573+20.00	RAMP EB 22nd ST	RT	17367		209.6				Type B-12.5 (Shldr)	
		5573+20.00 to 5575+04.40	RAMP EB 22nd ST	LT/RT	7825		464.0				Type B-12.5	
0327 70 4	Milling Exist Asph Pavt, 3" Avg Depth	5563+60.00 to 5568+17.58	RAMP EB 22nd ST	LT/RT	12144	SY	733.0		901			
		5568+17.58 to 5569+17.58	RAMP EB 22nd ST	LT/RT	23899		168.4				TOLL	
0327 70 19	Milling Exist Asph Pavt, 3/4" Avg Depth	5563+60.00 to 5568+17.58	RAMP EB 22nd ST	RT	22991	SY	117.1		329		Shldrs.	
		5563+60.00 to 5568+17.58	RAMP EB 22nd ST	LT	22969		128.2				Shldrs.	
		5568+17.58 to 5569+17.58	RAMP EB 22nd ST	LT	24138		34.1				TOLL Shldrs.	
		5568+17.58 to 5569+17.58	RAMP EB 22nd ST	RT	24125		49.8				TOLL Shldrs.	
0334 1 53	Superpave Asphaltic Concrete, Traffic C, PG 76-22	5563+60.00 to 5568+17.58	RAMP EB 22nd ST	LT/RT	12609	TN	60.47		81.3			
		5568+17.58 to 5569+17.58	RAMP EB 22nd ST	LT/RT	17931		20.82				TOLL w/Shldrs.	
0337 7 83	Asphalt Concrete Friction Course, Traffic C, FC-12.5, PG 76-22	68+30.00 to 71+19.38	RAMP A1	LT	14041	TN	8.66		143.7		Shldrs.	
		68+30.00 to 71+35.46	RAMP A1	RT	14850		18.43				Shldrs.	
		272+41.09 to 275+00.00	RAMP C1	LT	14900		7.08				Shldrs.	
		272+50.56 to 275+00.00	RAMP C1	RT	14055		7.33				Shldrs.	
		5563+60.00 to 5568+17.58	RAMP EB 22nd ST	LT/RT	13863		60.47					
		5563+60.00 to 5568+17.58	RAMP EB 22nd ST	LT	13928		10.58				Shldrs.	
		5563+60.00 to 5568+17.58	RAMP EB 22nd ST	RT	13950		9.66				Shldrs.	
		5568+17.58 to 5569+17.58	RAMP EB 22nd ST	LT/RT	22541		20.82				TOLL w/ Shldrs	
		5569+17.58 to 5569+67.66	RAMP EB 22nd ST	LT	22250		0.64				Shldrs.	
0350 3 12	Plain Cement Concrete Pavement, 11.5"	68+30.00 to 70+64.00	RAMP A1	LT/RT	10058	SY	675.1		2967			
		70+64.00 to 71+35.46	RAMP A1	LT	16109		181.4					
		70+64.00 to 71+35.46	RAMP A1	LT/RT	14217		111.2					
		272+41.09 to 272+99.46	RAMP C1	LT/RT	14345		248.5					
		272+99.46 to 273+50.00	RAMP C1	LT/RT	10169		146.0					
		273+50.00 to 275+00.00	RAMP C1	LT/RT	10159		428.9					
		5569+17.58 to 5569+67.66	RAMP EB 22nd ST	LT	16653		83.5					
		5569+67.66 to 5571+00.00	RAMP EB 22nd ST	RT	17997		238.9					
		5571+00.00 to 5573+20.00	RAMP EB 22nd ST	RT	18005		389.9					
		5573+20.00 to 5575+04.40	RAMP EB 22nd ST	LT/RT	10056		464.0					
0352 70	Grinding Concrete Pavement	68+30.00 to 70+64.00	RAMP A1	LT/RT	10897	SY	675.1		2967			
		70+64.00 to 71+35.46	RAMP A1	LT/RT	16206		111.2					
		70+64.00 to 71+35.46	RAMP A1	LT	16180		181.4					

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



201 N. Franklin Street, Suite 400  
Tampa, Florida 33602  
Florida Certificate of Authorization No. 02317  
Engineer of Record: John W. Burton, P.E.  
P.E. No.: 57405

**TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY**

ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119

SUMMARY OF QUANTITIES (3)

SHEET NO.	SQ-3
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

**SUMMARY OF PAVEMENT**

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.	DESCRIPTION				P	F	P	F		
		272+99.46 to 273+50.00	RAMP C1	LT/RT	10967		146.0					
		273+50.00 to 275+00.00	RAMP C1	LT/RT	10974		428.9					
		5569+17.58 to 5569+67.66	RAMP EB 22nd ST	LT	18018		83.5					
		5569+67.66 to 5571+00.00	RAMP EB 22nd ST	RT	18025		238.9					
		5571+00.00 to 5573+20.00	RAMP EB 22nd ST	RT	18033		389.9					
		5573+20.00 to 5575+04.40	RAMP EB 22nd ST	LT/RT	12925		464.0					


**SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS**

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	AREA ID	UNITS	SECONDARY UNITS (IF LUMP SUM)	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS	
		STA. TO STA.	DESCRIPTION					AREA (AC)	P	F	P			F
		5569+67.66 to 5573+20.01	RT	19281		0.215								
		5573+20.00 to 5575+04.40	LT/RT	12950		0.138								
		68+30.00 to 71+35.46	LT/RT	16268		0.326								
		272+41.09 to 275+00.00	LT/RT	16289		0.261								
0110 4 10	Removal of Existing Concrete	5569+67.66 to 5571+54.13	RT	19018	SY		43.0		170			Curb & Gutter		
		5571+64.34 to 5572+80.78	RT	18947			26.8					Curb & Gutter		
		5572+90.45 to 5575+04.40	LT/RT	18927			47.7					Curb & Gutter		
		5573+18.86 to 5575+04.40	RT	18922			41.2					Curb & Gutter		
		5569+17.58 to 5569+67.66	LT	19011			11.1					Curb & Gutter		

**SUMMARY OF EARTHWORK**

PAY ITEM NO.	PAY ITEM DESCRIPTION	CY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
120-1	Regular Excavation				
	22nd Street EB Ramp	193.11			
	50th Street Ramp A1	446.48			
	50th Street Ramp C1	360.01			
	TOTAL	999.6			
120-6	Embankment				
	22nd Street EB Ramp	0.78			
	50th Street Ramp A1	3.02			
	50th Street Ramp C1	9.59			
	TOTAL	13.4			

EARTHWORK HAS BEEN CALCULATED USING THE TYPE B-12.5 BASE OPTION.

REVISIONS				 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Florida Certificate of Authorization No. 02317 Engineer of Record: John W. Burton, P.E. P.E. No.: 57405	TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY			SUMMARY OF QUANTITIES (4)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	THEA PROJECT ID		
					618	HILLSBOROUGH	O-02119		

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**SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS**

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	AREA ID	UNIT	QUANTITY				TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS	
		STA. TO STA.				GROSS LENGTH	DEDUCTIONS		NET LENGTH		P			F
							TYPE	LENGTH	P	F				
0520 1 10	Concrete Curb & Gutter, Type F	5569+17.58 to 5569+67.66	LT		LF	50.1			50.1		784			
		5569+67.66 to 5573+19.85	RT			364.3			364.3					
		5573+19.85 to 5573+69.85	LT/RT			51.0			51.0					
		5573+20.00 to 5575+04.40	RT			184.4			184.4					
		5573+69.85 to 5575+04.40	LT			134.5			134.5					

**SUMMARY OF PERFORMANCE TURF**

LOCATION STA. TO STA.	SIDE	AREA ID	PERFORMANCE TURF (SOD)		DESIGN NOTES	CONSTRUCTION REMARKS
			0570 1 2			
			SY			
			P	F		
68+30.00 to 71+18.30	LT	13760	173.0			
68+30.00 to 71+35.46	RT	22862	112.7			
272+33.85 to 272+99.46	LT	22877	26.4			
272+51.58 to 275+00.00	RT	20537	188.6			
272+99.46 to 275+00.00	LT	20512	56.4			
5569+17.58 to 5569+67.66	LT	20432	27.8			
5569+67.66 to 5572+67.21	RT	20455	170.8			
5572+67.21 to 5575+04.40	LT/RT	20060	87.3			
5573+20.00 to 5575+04.40	RT	20426	61.5			
SUB-TOTAL:			904.5			
TOTAL:			905			

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



201 N. Franklin Street, Suite 400  
Tampa, Florida 33602  
Florida Certificate of Authorization No. 02317  
Engineer of Record: John W. Burton, P.E.  
P.E. No.: 57405

**TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY**

ROAD NO.	COUNTY	THEA PROJECT ID
618	HILLSBOROUGH	O-02119

**SUMMARY OF QUANTITIES (5)**


SHEET NO.  
**SQ-5**

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**SUMMARY OF SIGNING & PAVEMENT MARKINGS PLAN ITEMS**

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET		GRAND TOTAL	
			27		28		29		30		31									
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL		
700-1-13	SINGLE POST SIGN, F&I, GROUND MOUNT, 21-30 SF	AS	1														1		1	
700-2-60	MULTI- POST SIGN, REMOVE	AS	1														1		1	
710-90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS																	1	
*	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	EA	14		23			45		55			46				183			
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF								32			38				70			
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA								3							3			
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROW	EA								3			2				5			
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	0.050		0.122					0.103			0.072				0.347			
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 8"	GM								0.044			0.033				0.077			
*	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	0.050		0.122			0.080		0.060			0.050				0.362			
711-11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF								32			38				70		70	
711-11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA								3							3		3	
711-11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA								3			2				5		5	
711-14-560	THERMOPLASTIC, PREFORMED, WHITE WITH BLACK CONTRAST ON CONC PAVEMENT, MESSAGE OR SYMBOL	EA						1									1		1	
711-14-570	THERMOPLASTIC, PREFORMED, WHITE WITH BLACK CONTRAST ARROW ON CONC SURFACE	EA						3									3		3	
711-16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	0.050		0.122			0.050		0.103			0.072				0.397		0.397	
711-16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM								0.044			0.033				0.077		0.077	
711-16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.050		0.122			0.080		0.060			0.050				0.362		0.362	

\* THESE QUANTITIES ARE PAID UNDER PAINTED PAVEMENT MARKINGS (FINAL SURFACE), LUMP SUM - ITEM NO. 710-90. THE QUANTITIES SHOWN ARE FOR ONE APPLICATION; SEE SPECIFICATION 710 FOR THE NUMBER OF APPLICATIONS REQUIRED.

<p align="center"><b>REVISIONS</b></p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				DATE	DESCRIPTION	DATE	DESCRIPTION					 <p>201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Florida Certificate of Authorization No. 02317 Engineer of Record: Burak Konuk, P.E. P.E. No.:81581</p>	<p align="center"><b>TAMPA HILLSBOROUGH EXPRESSWAY AUTHORITY</b></p> <table border="1"> <thead> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>THEA PROJECT ID</th> </tr> </thead> <tbody> <tr> <td align="center">618</td> <td align="center">HILLSBOROUGH</td> <td align="center">O-02119</td> </tr> </tbody> </table>			ROAD NO.	COUNTY	THEA PROJECT ID	618	HILLSBOROUGH	O-02119	<p align="center"><b>SUMMARY OF QUANTITIES (6)</b></p>	<p align="center">SHEET NO.</p>
DATE	DESCRIPTION	DATE	DESCRIPTION																				
ROAD NO.	COUNTY	THEA PROJECT ID																					
618	HILLSBOROUGH	O-02119																					
						<p align="center">SQ-6</p>																	

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