

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

INDEX OF ROADWAY PLANS

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CITY OF TAMPA
MOBILITY DEPARTMENT

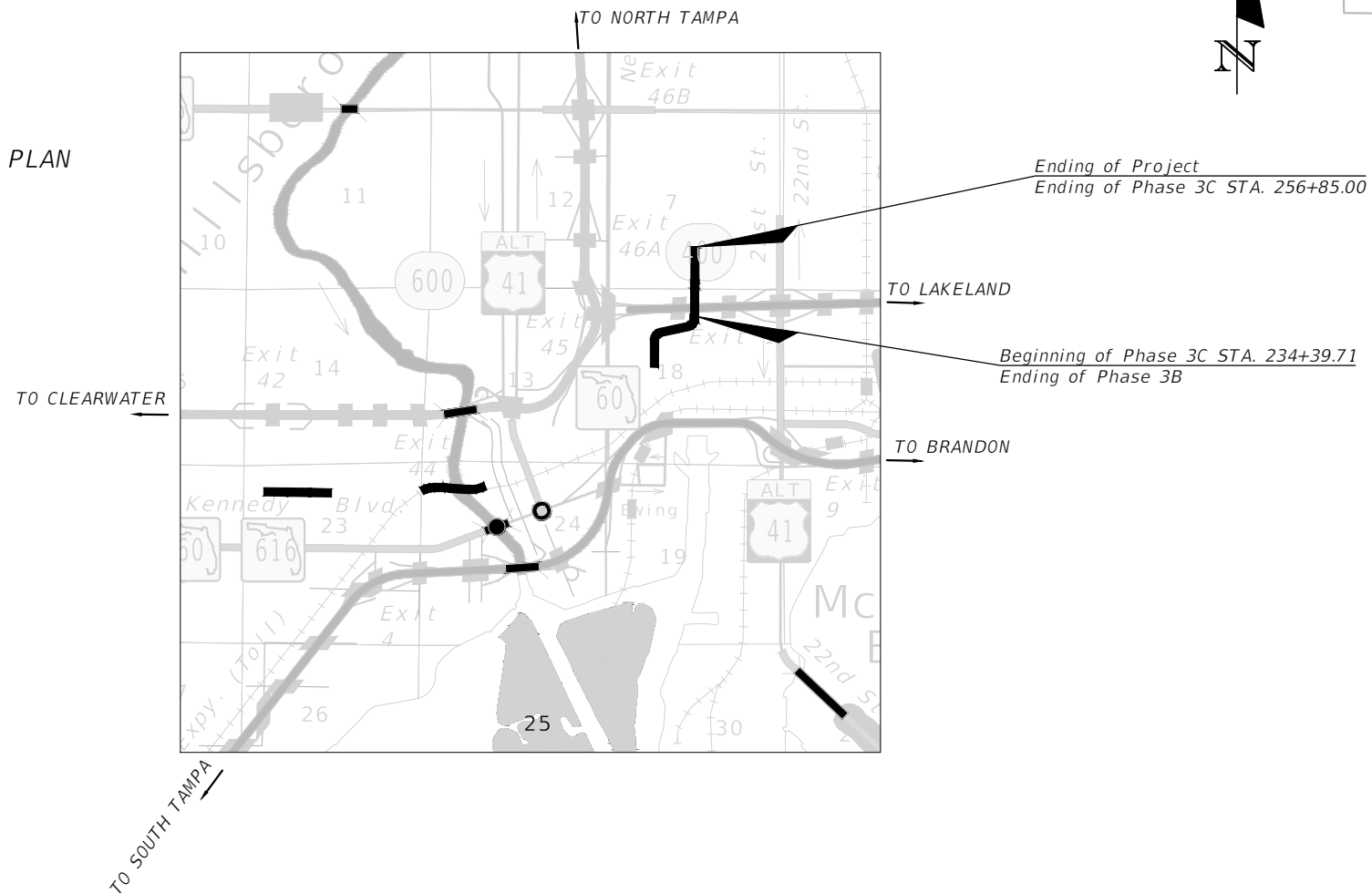
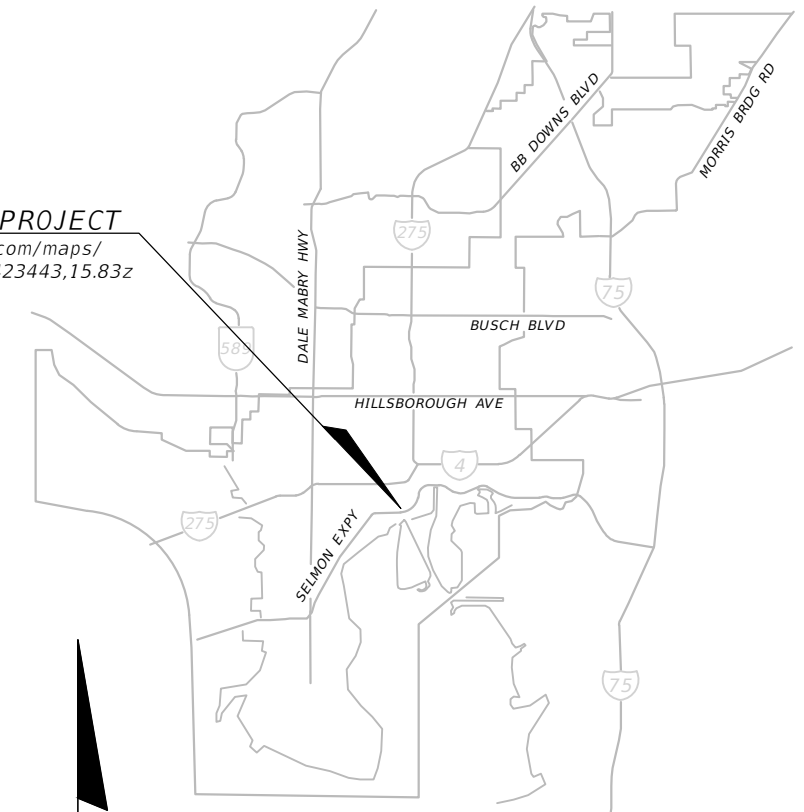
CONTRACT PLANS

FINANCIAL PROJECT ID 439476-4-58-01
 FINANCIAL PROJECT ID 439476-4-58-02
 (FEDERAL FUNDS)

E/W GREEN SPINE CYCLE TRACK -
 PH. 3C FROM 13TH AVE. TO
 21ST AVE.

THIS PROJECT TO BE LET TO CONTRACT
 WITH FINANCIAL PROJECT ID(S):
 439476-3-58-01

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



FINAL SUBMITTAL
SEPTEMBER 24, 2021

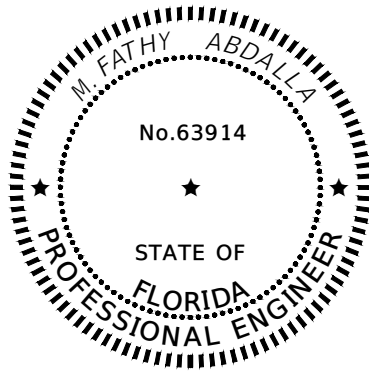
ENGINEER OF RECORD:
 FATHY ABDALLA, P.E.
 P.E. NO.: 63914
 KISINGER CAMPO & ASSOCIATES CORP.
 201 N FRANKLIN STREET, SUITE 400
 TAMPA, FL, 33602
 (813) 871-5331
 CONTRACT NO.: 21-C-00022
 VENDOR NO.: 59-1677145

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>



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL

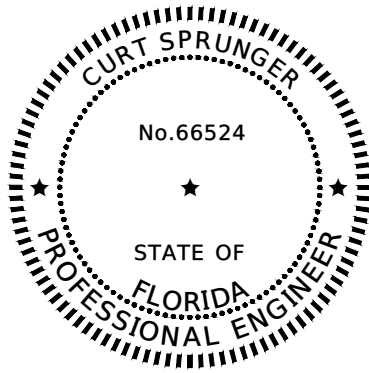
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KISINGER CAMPO & ASSOCIATES CORP.
201 N FRANKLIN ST, SUITE 400,
TAMPA, FL 33602
FLORIDA CERTIFICATE OF AUTHORIZATION
NO. 02317
FATHY ABDALLA, P.E. NO. 63914

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

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

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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 | | | SHEET NO. 2 |
|-----------|-------------|------|-------------|---|--------------------------------------|--------------|--------------------|-----------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | PROJECT DESIGN NO. | |
| | | | | | | HILLSBOROUGH | 21-C-00022 | |

SIGNATURE SHEET

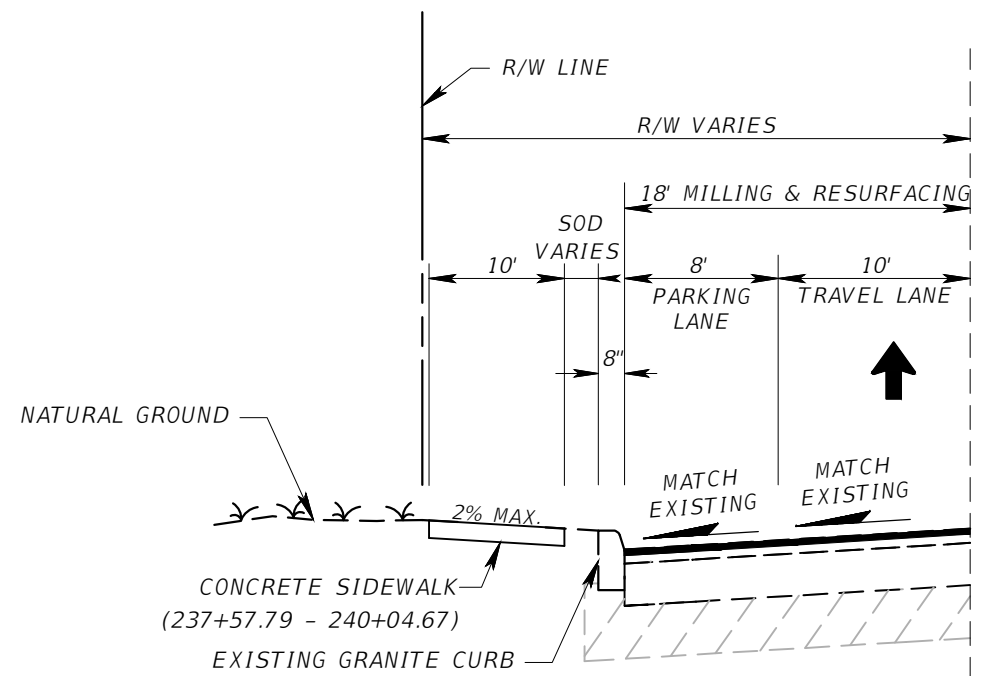
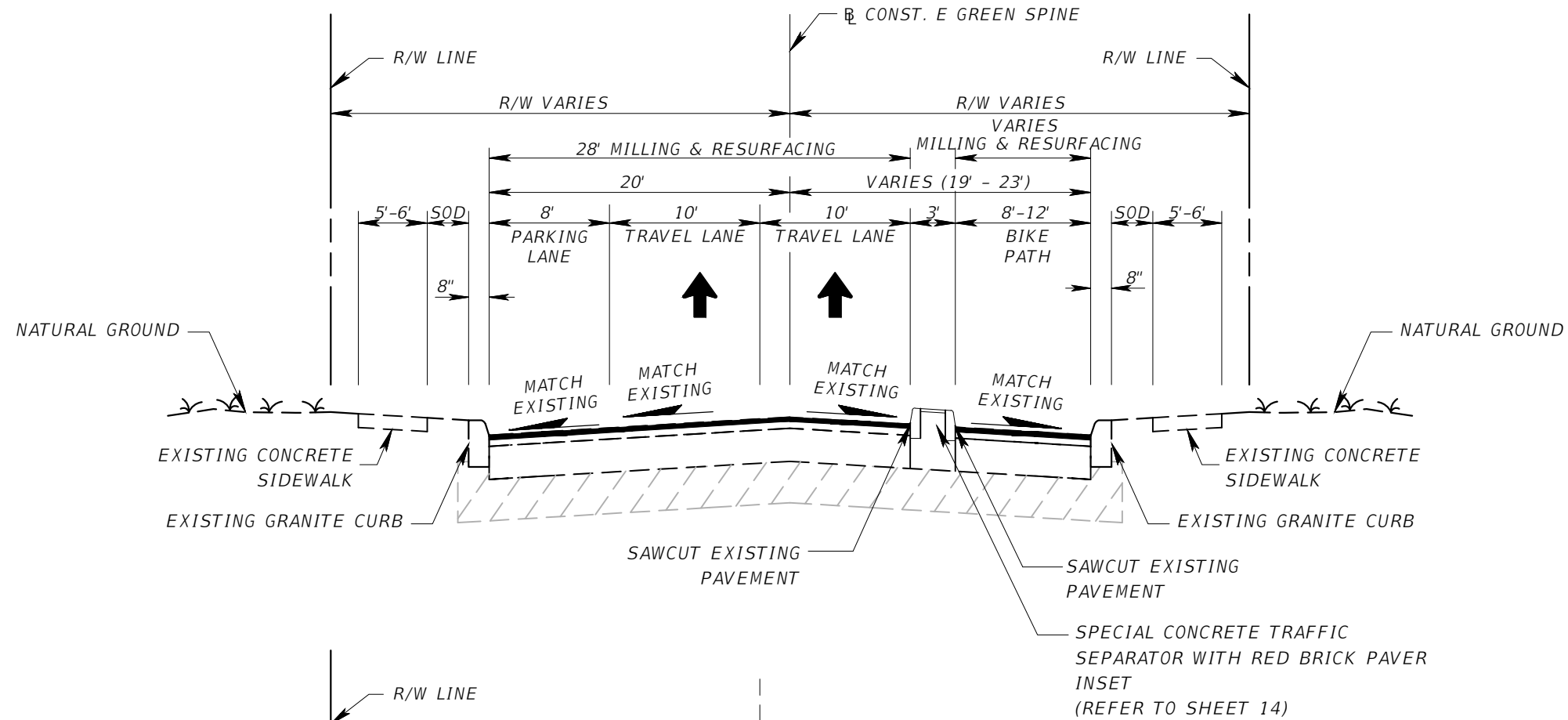
PHASE 3C - 15TH FROM 13TH AVE TO 21ST AVE

| FLORIDA DEPARTMENT OF TRANSPORTATION | | | | | | FLORIDA DEPARTMENT OF TRANSPORTATION | | | | | |
|--------------------------------------|---|----------------------|----------------|----------------------|-------|--------------------------------------|---|----------------------|----------------|----------------------|-------|
| SUMMARY OF PAY ITEMS | | | | | | SUMMARY OF PAY ITEMS | | | | | |
| LEAD PROJECT: 439476-1-58-01 | | DISTRICT: D7 | | COUNTY/SECTION: | | LEAD PROJECT: 439476-1-58-01 | | DISTRICT: D7 | | COUNTY/SECTION: | |
| PROJECT: 43947615801 | | COUNTY: HILLSBOROUGH | | COUNTY: HILLSBOROUGH | | PROJECT: 43947615801 | | COUNTY: HILLSBOROUGH | | COUNTY: HILLSBOROUGH | |
| PAY ITEM NO. | ITEM DESCRIPTION | UNIT | QUANTITY | | | PAY ITEM NO. | ITEM DESCRIPTION | UNIT | QUANTITY | | |
| | | | 439476-4-58-01 | 439476-4-58-02 | Total | | | | 439476-4-58-01 | 439476-4-58-02 | Total |
| 101 1 | MOBILIZATION | LS | 0.15 | | 0.15 | 0646 1 40 | ALUMINUM SIGNALS POLE, RELOCATE | EA | 4 | | 4 |
| 102 1 | MAINTENANCE OF TRAFFIC | LS | 1.00 | | 1.00 | 0646 1 60 | ALUMINUM SIGNALS POLE, REMOVE | EA | 1 | | 1 |
| 104 10 3 | SEDIMENT BARRIER | LF | 175 | | 175 | 0650 1 14 | VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY | AS | 4 | | 4 |
| 104 18 | INLET PROTECTION SYSTEM | EA | 13 | | 13 | 0654 2 22 | RECTANGULAR RAPID FLASHING BEACON, FURNISH & INSTALL- SOLAR POWERED, COMPLETE SIGN ASSEMBLY- BACK TO BACK | AS | 2 | | 2 |
| 110 1 1 | CLEARING AND GRUBBING | LS | 1 | | 1 | 0653 1 11 | PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY | AS | 2 | | 2 |
| 110 4 10 | REMOVAL OF EXISTING CONC | SY | 985 | | 985 | 0670 5400 | TRAFFIC CONTROLLER ASSEMBLY, MODIFY | AS | 2 | | 2 |
| 120 6 | EMBANKMENT | CY | 419 | | 419 | 0700 1 11 | SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF | AS | 10 | | 10 |
| 327 70 6 | MILLING EXIST ASPH PAVT, 1.5" AVG DEPTH | SY | 9,288 | | 9,288 | 0700 1 12 | SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF | AS | 1 | | 1 |
| 337 7 83 | ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-12.5, PG 76-22 | TN | 768 | | 768 | 0700 1 18 | SINGLE POST SIGN, F&I GROUND MOUNT, IN-STREET FLEXIBLE POST SIGN | AS | 8 | | 8 |
| 425 2 043 | MANHOLE TYPE 7, PARTIAL | EA | 3 | | 3 | 0700 1 50 | SINGLE POST SIGN, RELOCATE | AS | 6 | | 6 |
| EX-425 5 | MANHOLE, ADJUST | EA | | 8 | 8 | 0700 1 60 | SINGLE POST SIGN, REMOVE | AS | 8 | | 8 |
| EX-435 100 2 | INLET SPECIAL DRAINAGE GRATE | LF | | 181 | 181 | 0705 11 3 | DELINEATOR, FLEXIBLE HIGH VISABILITY MEDIAN | EA | 15 | | 15 |
| 430 175 115 | PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 15"S/CD | LF | 102 | | 102 | 0710 90 | PAINTED PAVEMENT MARKINGS, FINAL SURFACE | LS | 1 | | 1 |
| 430 175 118 | PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD | LF | 63 | | 63 | 0711 11123 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT | LF | 752 | | 752 |
| 520 1 10 | CONCRETE CURB & GUTTER, TYPE F | LF | 325 | | 325 | 0711 11124 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS | LF | 307 | | 307 |
| 520 2 4 | CONCRETE CURB, TYPE D | LF | 2,410 | | 2,410 | 0711 11125 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK | LF | 294 | | 294 |
| 520 7 1 | GRANITE CURB, FURNISH & INSTALL | LF | 193 | | 193 | 0711 11141 | THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6" | GM | 0.255 | | 0.255 |
| 520 7 2 | GRANITE CURB, RESET | LF | 235 | | 235 | 0711 11160 | THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL | EA | 3 | | 3 |
| 522 2 | CONCRETE SIDEWALK AND DRIVEWAYS, 4" | SY | 340 | | 340 | 0711 11170 | THERMOPLASTIC, STANDARD, WHITE, ARROW | EA | 21 | | 21 |
| 522 3 | CONCRETE SIDEWALK AND DRIVEWAYS, 6" | SY | 1,696 | | 1,696 | 0711 11224 | THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON | LF | 468 | | 468 |
| EX-526 1A | RED BRICK PAVERS, FURNISH AND INSTALL | SY | | 115 | 115 | 0711 14125 | THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK | LF | 670 | | 670 |
| EX-526 1B | RED BRICK PAVERS, INSTALL | SY | | 115 | 115 | 0711 14160 | THERMOPLASTIC, PREFORMED, WHITE, MESSAGE | EA | 17 | | 17 |
| EX-527 2 | DETECTABLE WARNINGS | SF | | 357 | 357 | 0711 16101 | THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6" | GM | 0.662 | | 0.662 |
| 570 1 2 | PERFORMANCE TURF, SOD | SY | 432 | | 432 | 0711 16102 | THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8" | GM | 0.115 | | 0.115 |
| COT-002 | CITY INLET TYPE 2 | EA | 2 | | 2 | 0711 16131 | THERMOPLASTIC, OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP | GM | 0.343 | | 0.343 |
| COT-003 | CITY INLET TYPE 3 | EA | 3 | | 3 | 0711 16201 | THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6" | GM | 0.194 | | 0.194 |
| EX-9910 | ADJUST VALVE BOX (HEIGHT) | EA | | 15 | 15 | 0711 16202 | THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 8" | GM | 0.003 | | 0.003 |
| | | | | | | 0711 16231 | THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6" | GM | 0.122 | | 0.122 |
| PAY ITEM NO. | ITEM DESCRIPTION | UNIT | QUANTITY | | | PAY ITEM NO. | ITEM DESCRIPTION | UNIT | QUANTITY | | |
| | | | 439476-4-58-01 | 439476-4-58-02 | Total | | | | 439476-4-58-01 | 439476-4-58-02 | Total |
| 0523 1 3 | PATTERNED PAVEMENT, INCLUDING GREEN BIKE LANE | SY | 128 | | 128 | EX-0520 2 4 | CONCRETE CURB, TYPE D | LF | | 160 | 160 |
| 0630 2 11 | CONDUIT, FURNISH & INSTALL, OPEN TRENCH | LF | 150 | | 150 | EX-0580 1 1 | LANDSCAPE COMPLETE- SMALL PLANTS | LS | | 1 | 1 |
| 0630 2 12 | CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE | LF | 191 | | 191 | EX-0580 1 2 | LANDSCAPE COMPLETE- LARGE PLANTS | LS | | 1 | 1 |
| 0632 7 2 | SIGNAL CABLE- REPAIR/REPLACE/OTHER, FURNISH & INSTALL | LF | 900 | | 900 | EX-COT-101 | PAVERS, ARCHITECTURAL, SIDEWALK | SY | | 87 | 87 |
| 0635 2 11 | PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE | EA | 7 | | 7 | EX-COT-103 | SPECIAL FURNISHINGS | LS | | 1 | 1 |
| 0646 1 11 | ALUMINUM SIGNALS POLE, PEDESTAL | EA | 4 | | 4 | EX-COT-102 | PRE-EMERGENT HERBICIDE | SY | | 142 | 142 |

| 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. 3 |
|-----------|-------------|------|-------------|---|--------------------------------------|--------------|--------------------|--------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | PROJECT DESIGN NO. | |
| | | | | | | HILLSBOROUGH | 21-C-00022 | |

SUMMARY OF PAY ITEMS - (1)

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



TYPICAL SECTION IV
 PHASE 3C - 15TH ST. (13TH AVE. TO 17TH AVE.)
 STA. 234+39.71 TO 245+41.00

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

| TRAFFIC DATA | |
|-----------------------------|---------------------|
| CURRENT YEAR | = 2019 AADT = 4,700 |
| ESTIMATED OPENING YEAR | = 2025 AADT = 5,200 |
| ESTIMATED DESIGN YEAR | = 2045 AADT = 6,900 |
| K=19% D=100% T=8% (24 HOUR) | |
| DESIGN HOUR T | = 4% |
| DESIGN SPEED | = 30 MPH |

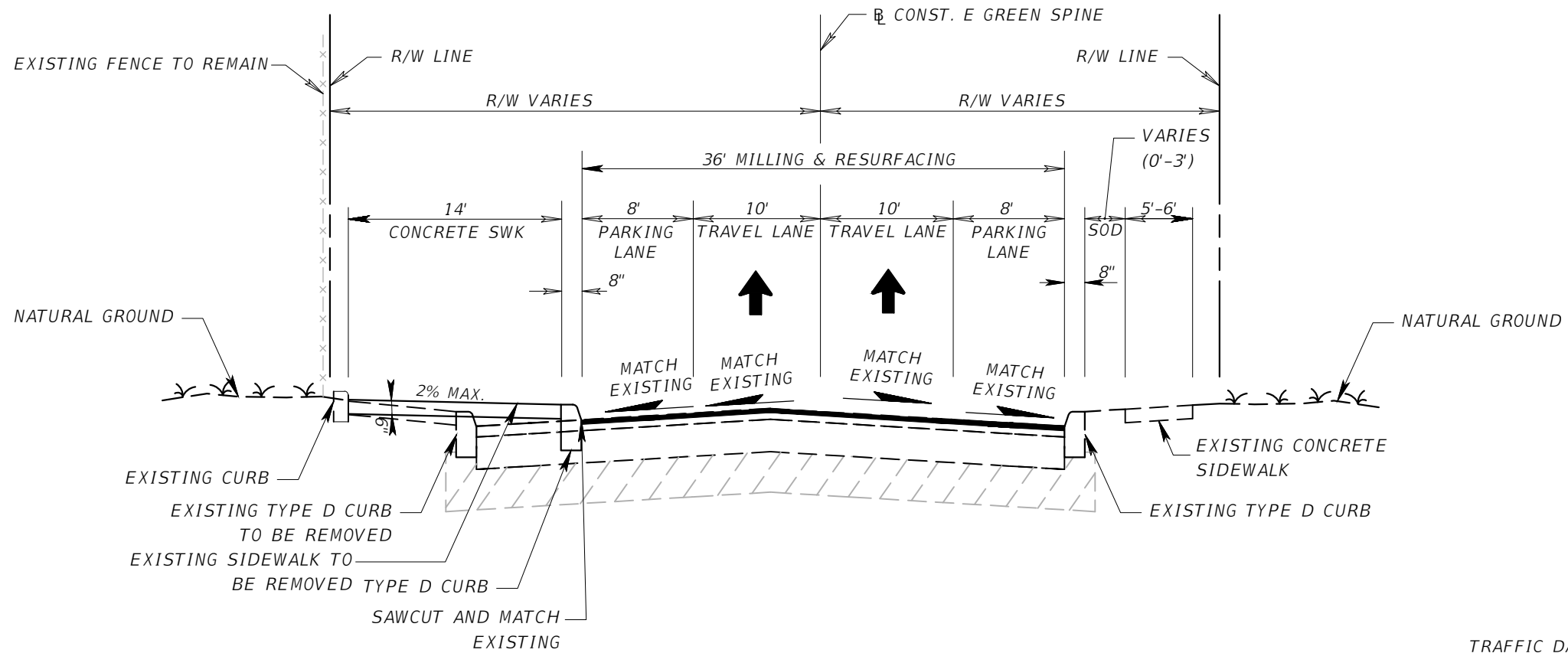
| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

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 |



TYPICAL SECTION V
PHASE 3C - 15TH ST. (17TH AVE. TO 21ST AVE.)
 STA. 245+41.00 TO 256+82.60

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

N.T.S

| TRAFFIC DATA | |
|----------------------------|---------------------|
| CURRENT YEAR | = 2019 AADT = 4,700 |
| ESTIMATED OPENING YEAR | = 2025 AADT = 5,200 |
| ESTIMATED DESIGN YEAR | = 2045 AADT = 6,900 |
| 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 - (2)

SHEET NO.
5

| QUANTITY | STR. NO. | STATION | SIDE | DESCRIPTION | BARRELS | STORM DRAIN & CROSS DRAIN | | CURB INLET | | MANHOLE | REMARKS |
|------------------|----------|-----------|------|-----------------|---------|---------------------------|-----|------------|------------|---------|---------|
| | | | | | | ROUND | | COT TYPE 2 | COT TYPE 3 | TYPE 7 | |
| | | | | | | 15" | 18" | <10' | <10' | PARTIAL | |
| P | S-105A | 243+90.00 | LT | INLET, PIPE | 1 | | 46 | | 1 | | |
| F | | | | | | | | | | | |
| P | S-105B | 243+41.30 | RT | INLET, PIPE | 1 | | 17 | | 1 | | |
| F | | | | | | | | | | | |
| P | S-105C | 243+41.13 | LT | PARTIAL MH | | | | | | 1 | |
| F | | | | | | | | | | | |
| P | S-105D | 243+40.33 | RT | PARTIAL MH | | | | | | 1 | |
| F | | | | | | | | | | | |
| P | S-106 | 245+50.00 | LT | INLET, PIPE | 1 | 6 | | | 1 | | |
| F | | | | | | | | | | | |
| P | S-107 | 245+58.38 | LT | PARTIAL MH | | | | | | 1 | |
| F | | | | | | | | | | | |
| P | S-108 | 246+12.00 | LT | INLET, PIPE | 1 | 50 | | 1 | | | |
| F | | | | | | | | | | | |
| P | S-109 | 246+80.00 | RT | INLET, PIPE | 1 | 46 | | 1 | | | |
| F | | | | | | | | | | | |
| SUBTOTALS | | | | PLAN QUANTITY: | | 102 | 63 | 2 | 3 | 3 | |
| | | | | FINAL QUANTITY: | | | | | | | |

| 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 |

**SUMMARY OF DRAINAGE
STRUCTURES**

| |
|-----------|
| SHEET NO. |
| 6 |

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. 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.
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 SHOULD 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 ITS 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. THIS PROJECT IS TO BE CONSTRUCTED COMPLETELY WITHIN THE TRANSPORTATION RIGHT-OF-WAYS. THE CONTRACTOR SHOULD NOT ENCRANCH OR UTILIZE ANY OF THE CUSCADEN PARK PROPERTY ON THE 2900 BLOCK OF N. 15TH STREET FOR CONSTRUCTION, STAGING, STOCKPILING OR ANY OTHER PURPOSE.

22. HISTORIC GRANITE CURBS WILL REMAIN IN PLACE THROUGHOUT THE PROJECT AND IN LOCATIONS WHERE CURB WORK IS ANTICIPATED, GRANITE CURBS WILL BE RE-INSTALLED AS NECESSARY.

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 SHOULD 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.

CONTAMINATION NOTES

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

1. FORMER SOUTHERN HYDRAULIC SERVICES LOCATED AT 1502 E. COLUMBUS DR - FOLIO NO. 187517.0000 (FACILITY ID #9100548 - ACTIVE PETROLEUM CLEANUP). NOTE THAT STRUCTURES S-105B, S105-D AND THEIR ASSOCIATED PIPES ARE LOCATED IN THIS AREA.

IF THE REVIEW OF THE WORK IN THIS AREAS IS DETERMINED TO HAVE AN IMPACT ON THE PROJECT BY THE ENGINEER, IMPACTED CONTAMINATED SOIL AND GROUNDWATER SHALL BE REMOVED FOR DISPOSAL BY THE CONTRACTOR AND PAID USING A PERCENTAGE OF THE REMEDIATION LINE ITEM.

NOTE THAT STRUCTURE S-105B AND ITS ASSOCIATED PIPE IS LOCATED IN THE AREA

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. 7 |
|-----------|-------------|------|-------------|---|--------------------------------------|--------------|--------------------|-----------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | PROJECT DESIGN NO. | |
| | | | | | | HILLSBOROUGH | 21-C-00022 | |

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+33.72 | 221+04.42 | 222+20.38 | 170.70 | 027° 17' 01" | 078° 12' 42" | RT | 286.660 | 210.000 | 1319395.9873 | 511971.4420 | 1319566.6834 | 511972.1610 | 1319600.8525 | 512139.4038 |
| C12 | 230+98.52 | 232+60.40 | 233+70.69 | 161.88 | 028° 38' 52" | 077° 58' 19" | LT | 272.173 | 200.000 | 1319776.6329 | 512999.7736 | 1319809.0360 | 513158.3730 | 1319970.9059 | 513159.7320 |

BENCHMARKS

| Benchmark Name | Sta. | Offset | Side | East | North | Elev. | Description |
|----------------|-----------|--------|------|-------------|---------------|-------|--|
| 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+07.43 | 46.50 | Lt. | 512 008.601 | 1 319 584.629 | 40.93 | Nail & Disc "City of Tampa TS&S Survey Control" |
| BM515 | 225+27.85 | 29.62 | Rt. | 512 446.581 | 1 319 633.383 | 38.65 | Nail & Disc "City of Tampa TS&S Survey Control" |
| BM516 | 229+89.90 | 28.38 | Rt. | 512 899.034 | 1 319 727.081 | 32.37 | Nail & Disc "City of Tampa TS&S Survey Control" |
| BM517 | 232+59.59 | 36.71 | Rt. | 513 159.798 | 1 319 846.062 | 32.89 | Nail & Disc "City of Tampa TS&S Survey Control" |
| BM518 | 234+66.58 | 25.10 | Rt. | 513 203.568 | 1 320 048.336 | 34.82 | Nail & Disc "City of Tampa TS&S Survey Control" |
| BM519 | 228+96.21 | 278.40 | Lt. | 512 745.832 | 1 320 008.898 | 35.10 | Nail & Disc "City of Tampa TS&S Survey Control" |
| BM581 | 237+50.20 | 26.72 | Lt. | 513 153.720 | 1 320 332.250 | 40.40 | Mag Nail & Disc "City of Tampa TS&S Survey Control" |
| BM582 | 240+48.59 | 26.68 | Rt. | 513 208.351 | 1 320 630.416 | 43.13 | Mag Nail & Disc "City of Tampa TS&S Survey Control" |
| BM583 | 243+55.58 | 23.33 | Lt. | 513 160.794 | 1 320 937.584 | 44.82 | Mag Nail & Disc "City of Tampa TS&S Survey Control" |
| BM584 | 245+80.86 | 24.41 | Rt. | 513 212.580 | 1 321 161.561 | 45.69 | Mag Nail & Disc "City of Tampa TS&S Survey Control" |
| BM585 | 245+91.77 | 20.49 | Rt. | 513 209.172 | 1 321 172.641 | 45.64 | Mag Nail & Disc "City of Tampa TS&S Survey Control" |
| BM586 | 249+16.62 | 28.20 | Lt. | 513 161.730 | 1 321 498.495 | 45.70 | Mag Nail & Disc "City of Tampa TS&S Survey Control" |
| BM587 | 252+36.96 | 19.66 | Rt. | 513 210.336 | 1 321 818.724 | 46.35 | Mag Nail & Disc "City of Tampa TS&S Survey Control" |
| BM588 | 256+19.06 | 370.27 | Lt. | 513 161.964 | 1 322 264.938 | 46.68 | Mag Nail & Disc "City of Tampa TS&S Survey Control" |
| BM589 | 256+83.02 | 29.87 | Lt. | 512 821.338 | 1 322 202.183 | 44.25 | Mag 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

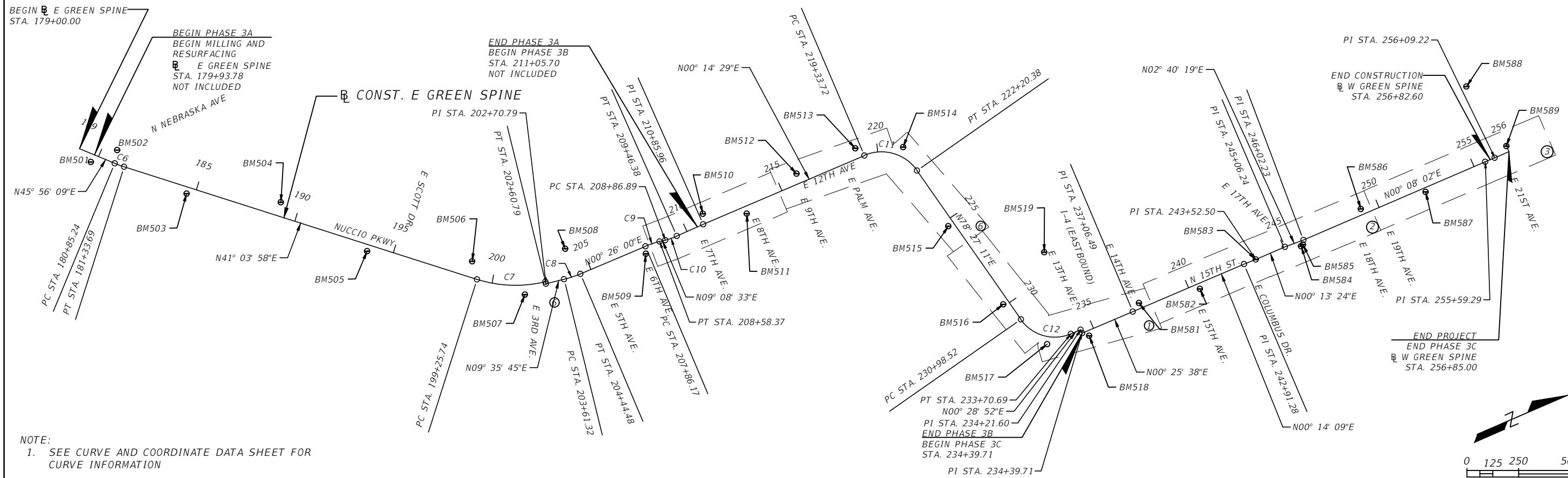
CITY OF TAMPA
 MOBILITY DEPARTMENT

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

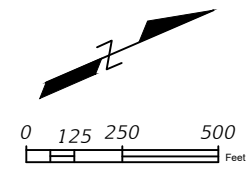
**CURVE DATA TABLE &
 BENCHMARKS TABLE**

SHEET NO.

8



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

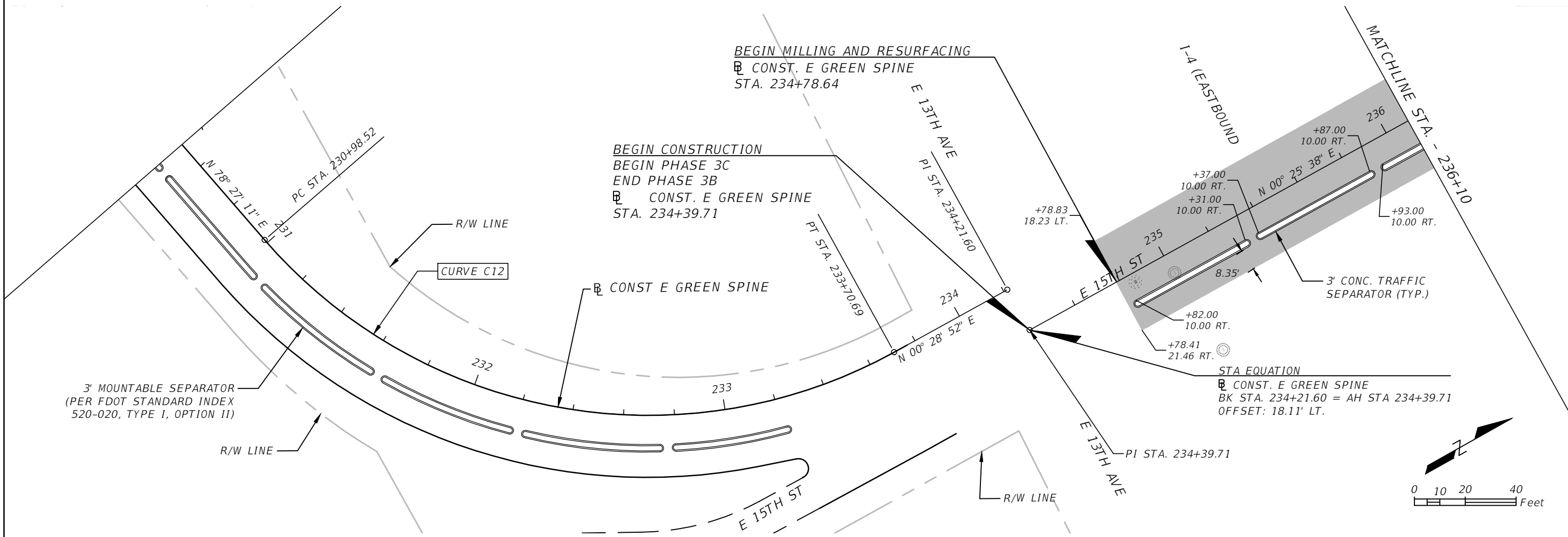
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|--------------------------------------|--------------|--------------------|
| CITY OF TAMPA MOBILITY DEPARTMENT | | |
| ROAD NO. | COUNTY | PROJECT DESIGN NO. |
| | HILLSBOROUGH | 21-C-00022 |

PROJECT LAYOUT

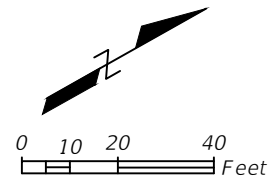
SHEET NO.
9

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LEGEND:
 MILLING AND RESURFACING



STA EQUATION
 CONST. E GREEN SPINE
 BK STA. 234+21.60 = AH STA 234+39.71
 OFFSET: 18.11' LT.



NOTES:
 1. SEE SHEET 8 FOR
 ADDITIONAL CURVE DATA

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

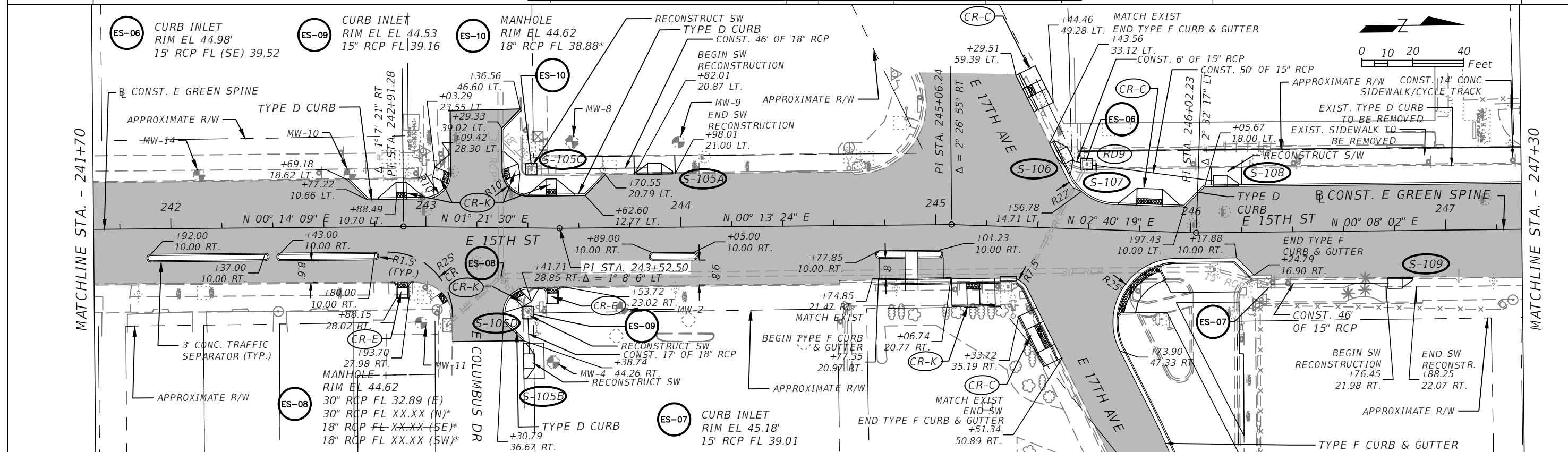
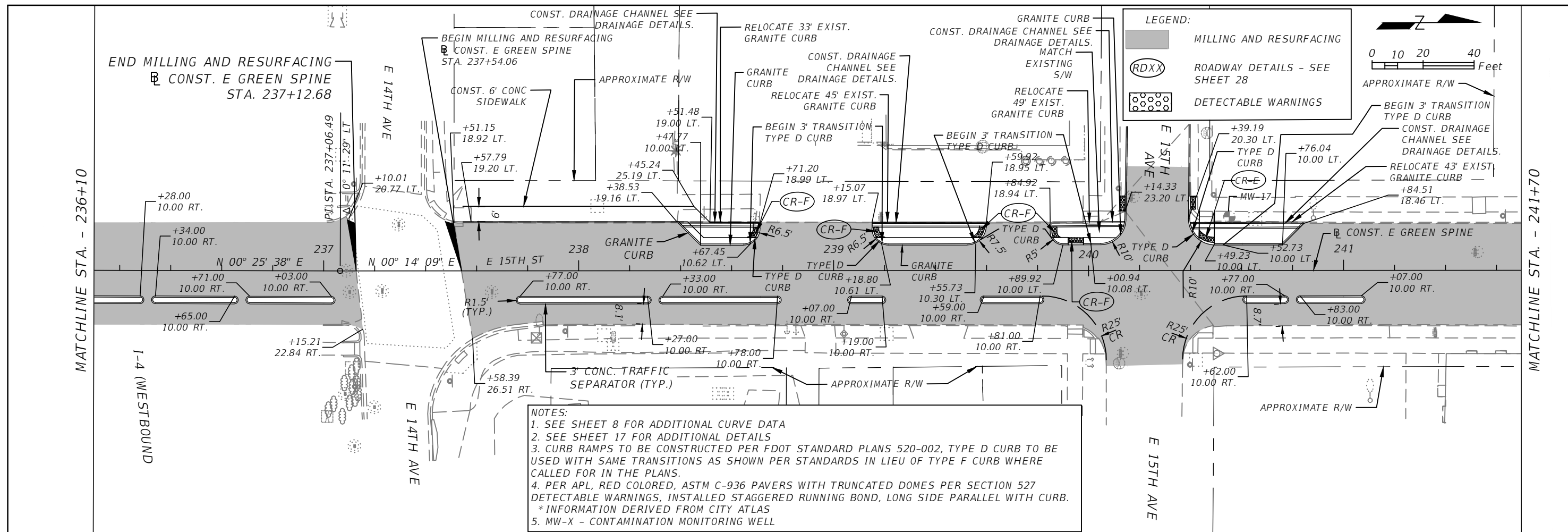
KISINGER CAMPO & ASSOCIATES CORP.
 201 N FRANKLIN ST, SUITE 400,
 TAMPA, FL 33602
 ENGINEER OF RECORD:
 FATHY ABDALLA, P.E. NO: 63914

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

ROADWAY PLANS - (1)

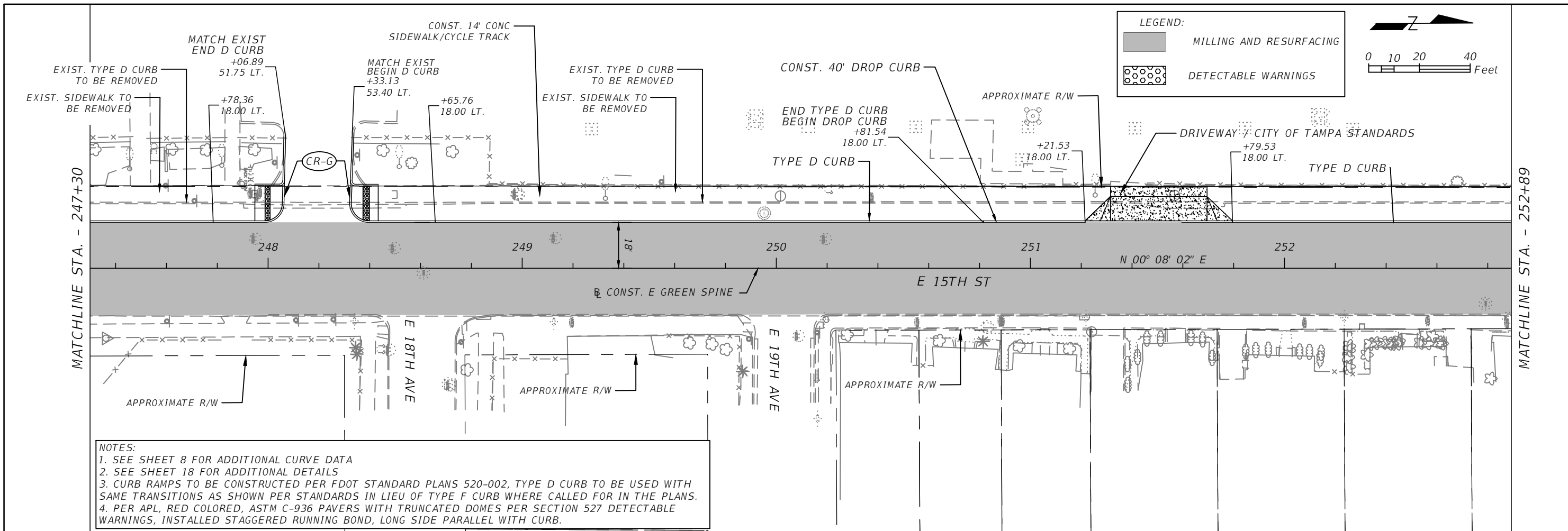
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 10

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

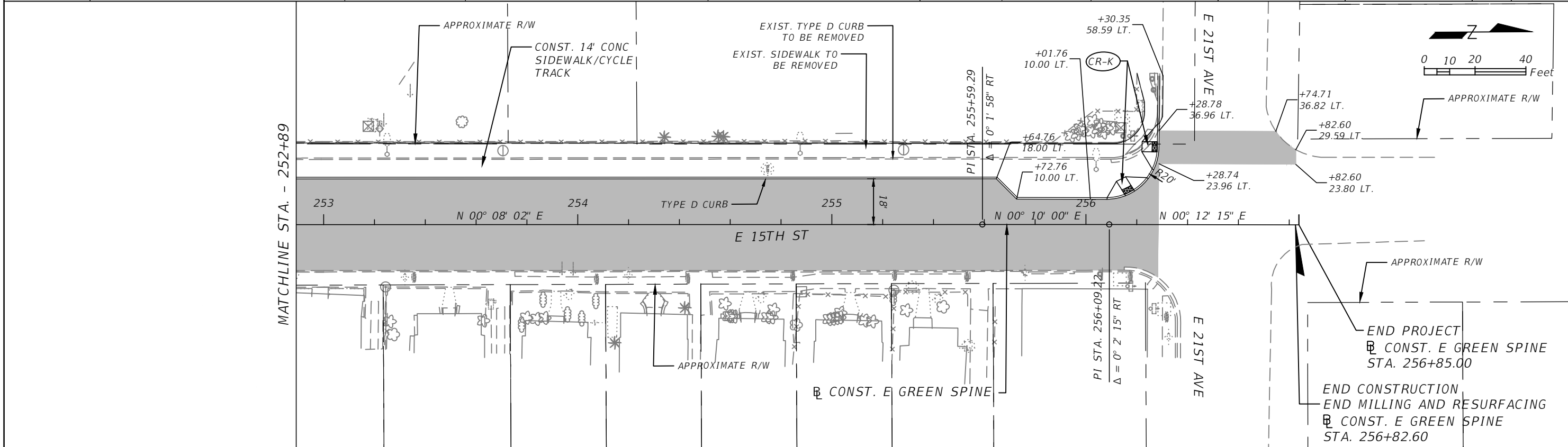


| REVISIONS | | REVISIONS | | KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 ENGINEER OF RECORD: FATHY ABDALLA, P.E. NO: 63914 | CITY OF TAMPA MOBILITY DEPARTMENT | | | ROADWAY PLANS - (2) | SHEET NO. 11 |
|-----------|-------------|-----------|-------------|---|--------------------------------------|------------|--------------------|---------------------|-----------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | PROJECT DESIGN NO. | | |
| | | | | | 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.

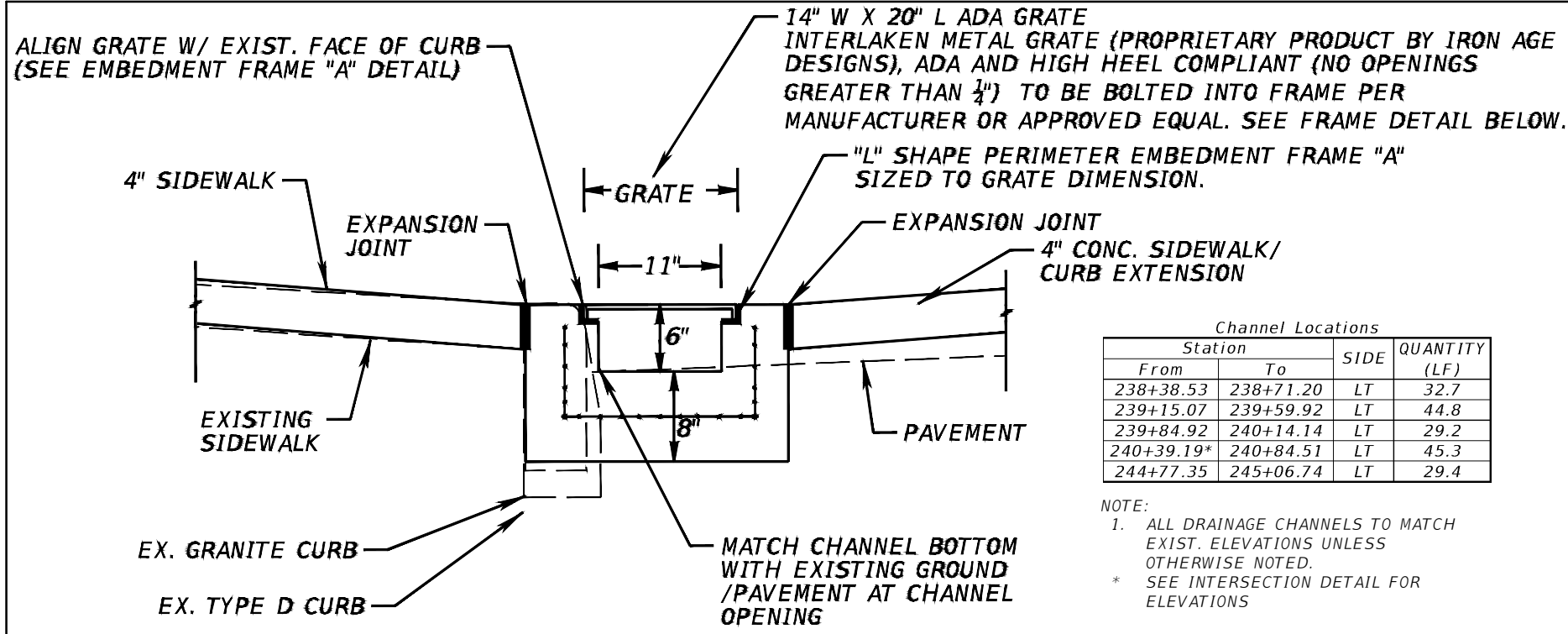


NOTES:
 1. SEE SHEET 8 FOR ADDITIONAL CURVE DATA
 2. SEE SHEET 18 FOR ADDITIONAL DETAILS
 3. CURB RAMPS TO BE CONSTRUCTED PER FDOT STANDARD PLANS 520-002, TYPE D CURB TO BE USED WITH SAME TRANSITIONS AS SHOWN PER STANDARDS IN LIEU OF TYPE F CURB WHERE CALLED FOR IN THE PLANS.
 4. PER APL, RED COLORED, ASTM C-936 PAVERS WITH TRUNCATED DOMES PER SECTION 527 DETECTABLE WARNINGS, INSTALLED STAGGERED RUNNING BOND, LONG SIDE PARALLEL WITH CURB.



| REVISIONS | | | | KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 ENGINEER OF RECORD: FATHY ABDALLA, P.E. NO: 63914 | CITY OF TAMPA MOBILITY DEPARTMENT | | | ROADWAY PLANS - (3) | SHEET NO. 12 |
|-----------|-------------|------|-------------|---|--------------------------------------|------------|--------------------|---------------------|-----------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | PROJECT DESIGN NO. | | |
| | | | | | HILLSBOROUGH | 21-C-00022 | | | |

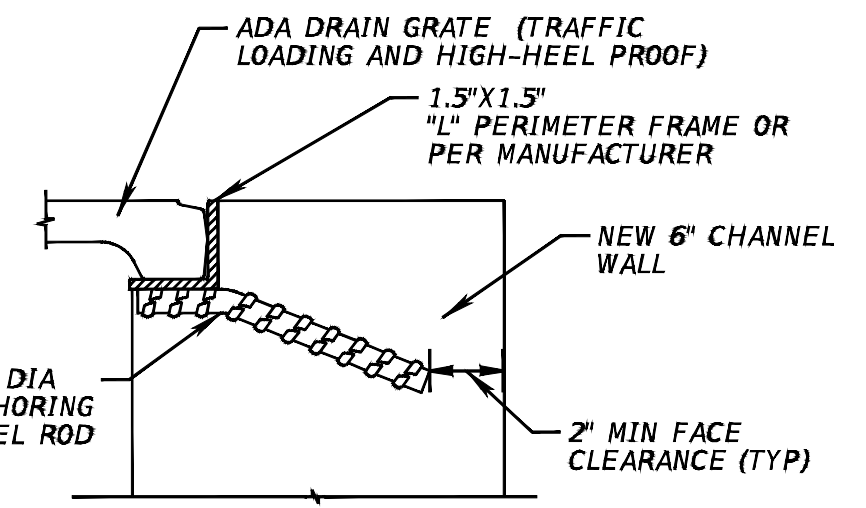
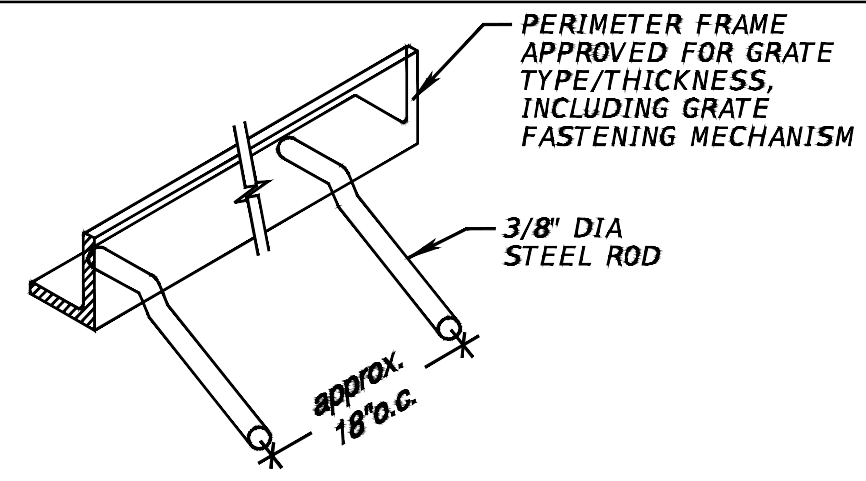
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



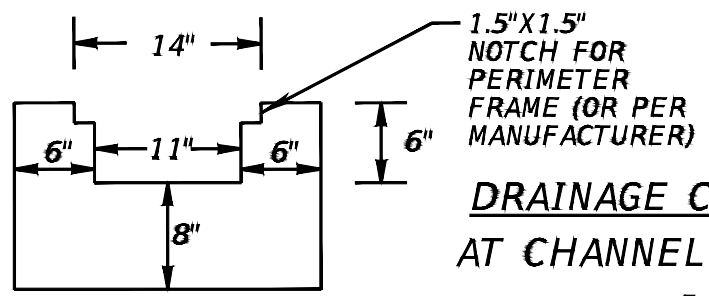
Channel Locations

| Station | | SIDE | QUANTITY (LF) |
|------------|-----------|------|---------------|
| From | To | | |
| 238+38.53 | 238+71.20 | LT | 32.7 |
| 239+15.07 | 239+59.92 | LT | 44.8 |
| 239+84.92 | 240+14.14 | LT | 29.2 |
| 240+39.19* | 240+84.51 | LT | 45.3 |
| 244+77.35 | 245+06.74 | LT | 29.4 |

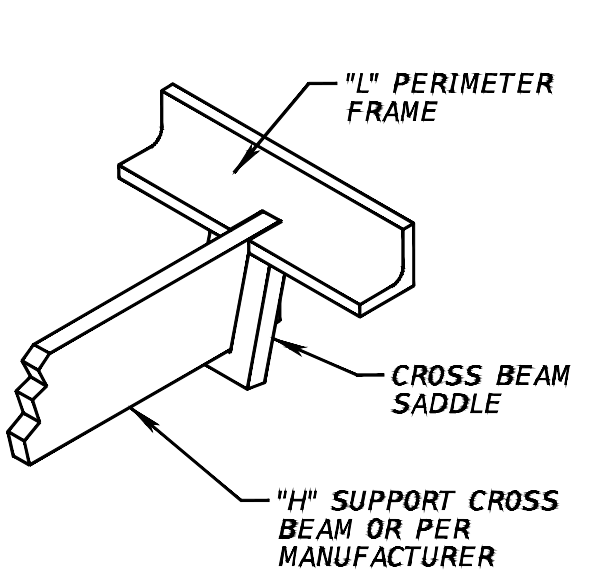
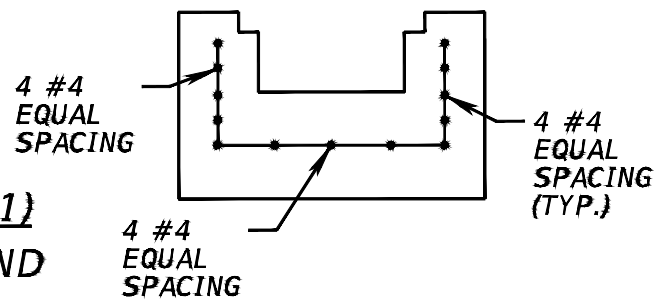
NOTE:
 1. ALL DRAINAGE CHANNELS TO MATCH EXIST. ELEVATIONS UNLESS OTHERWISE NOTED.
 * SEE INTERSECTION DETAIL FOR ELEVATIONS



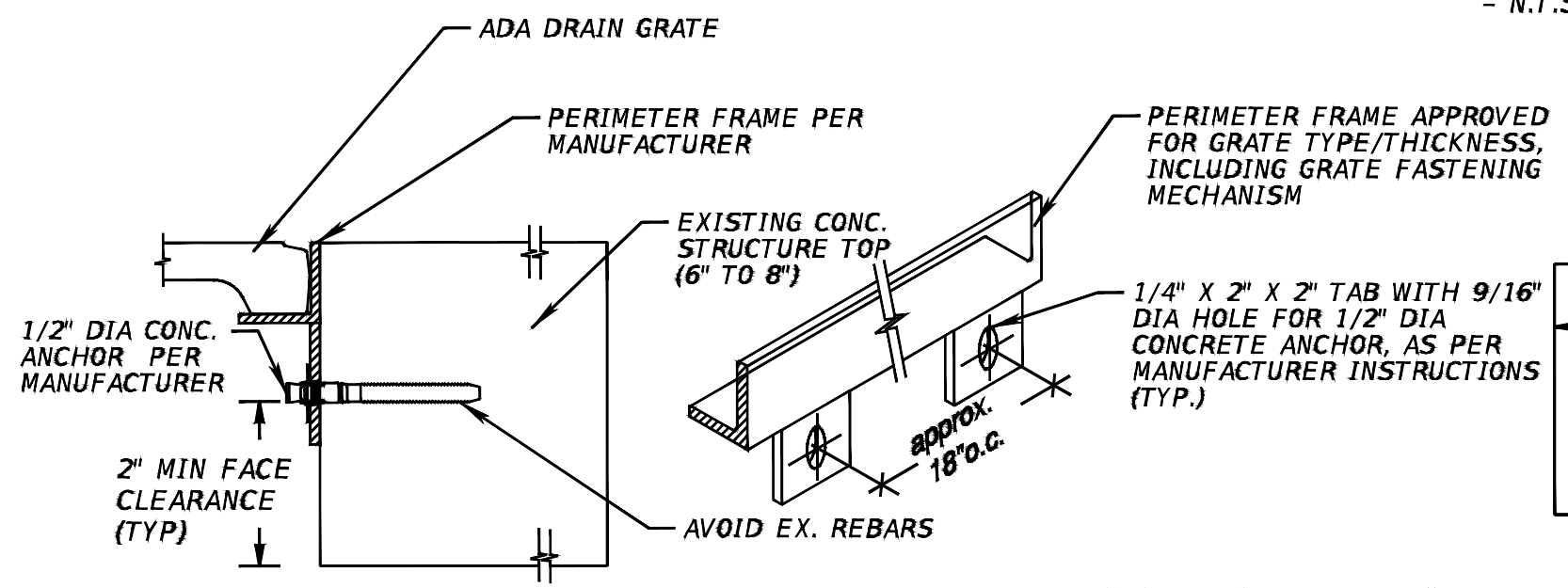
EMBEDMENT FRAME "A" TO "NEW" CONCRETE
 - N.T.S. -



DRAINAGE CHANNEL DETAIL (1)
 AT CHANNEL "DAYLIGHTING" END
 - 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 |
| | | | |

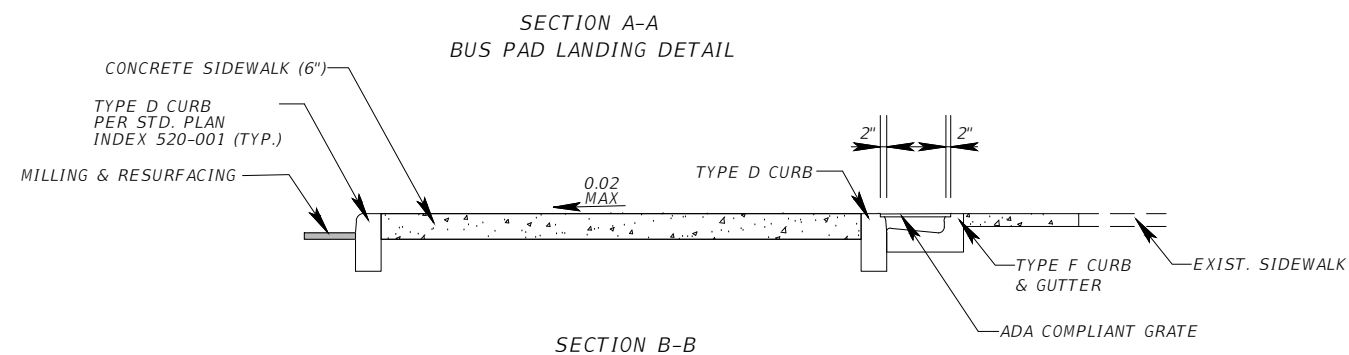
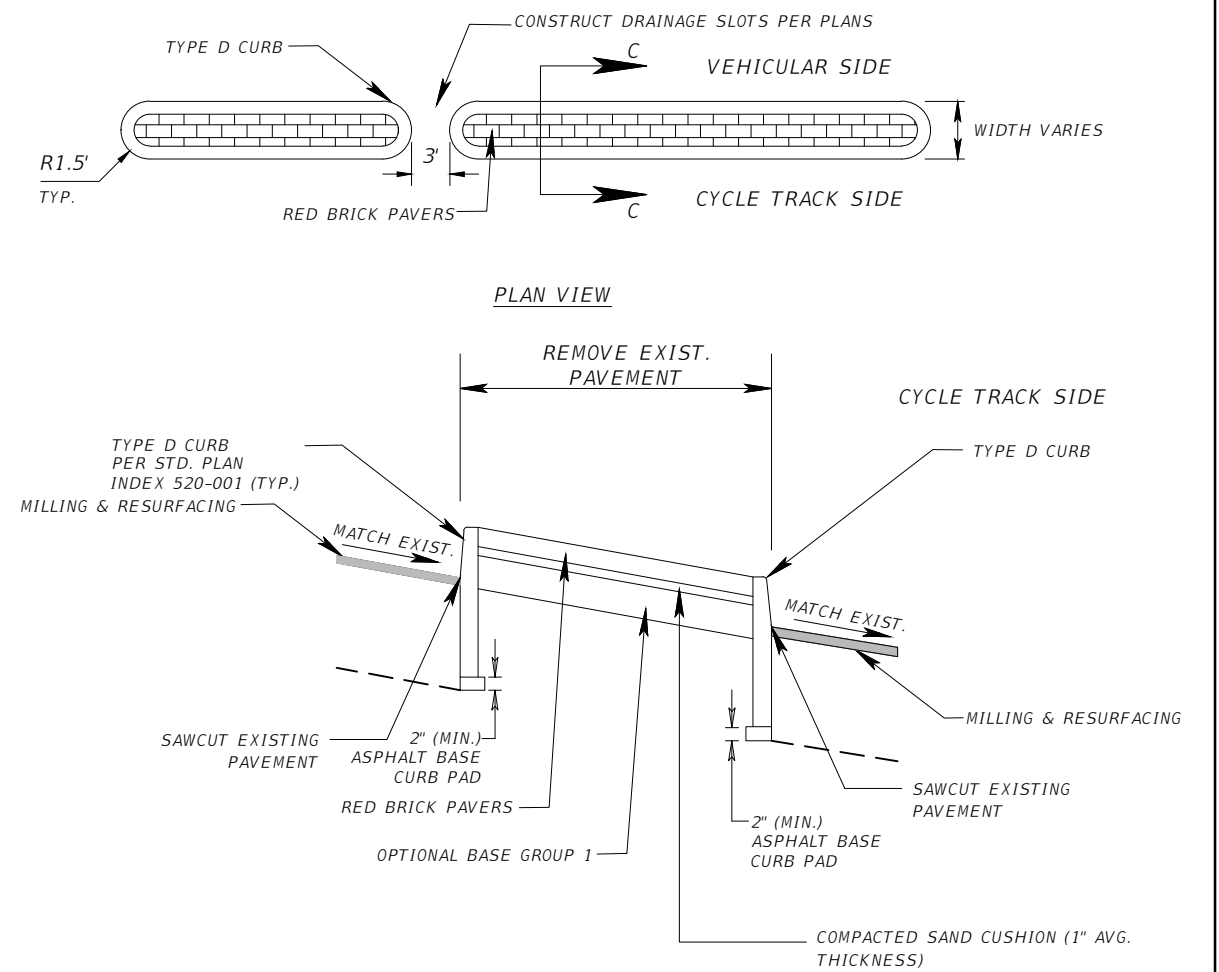
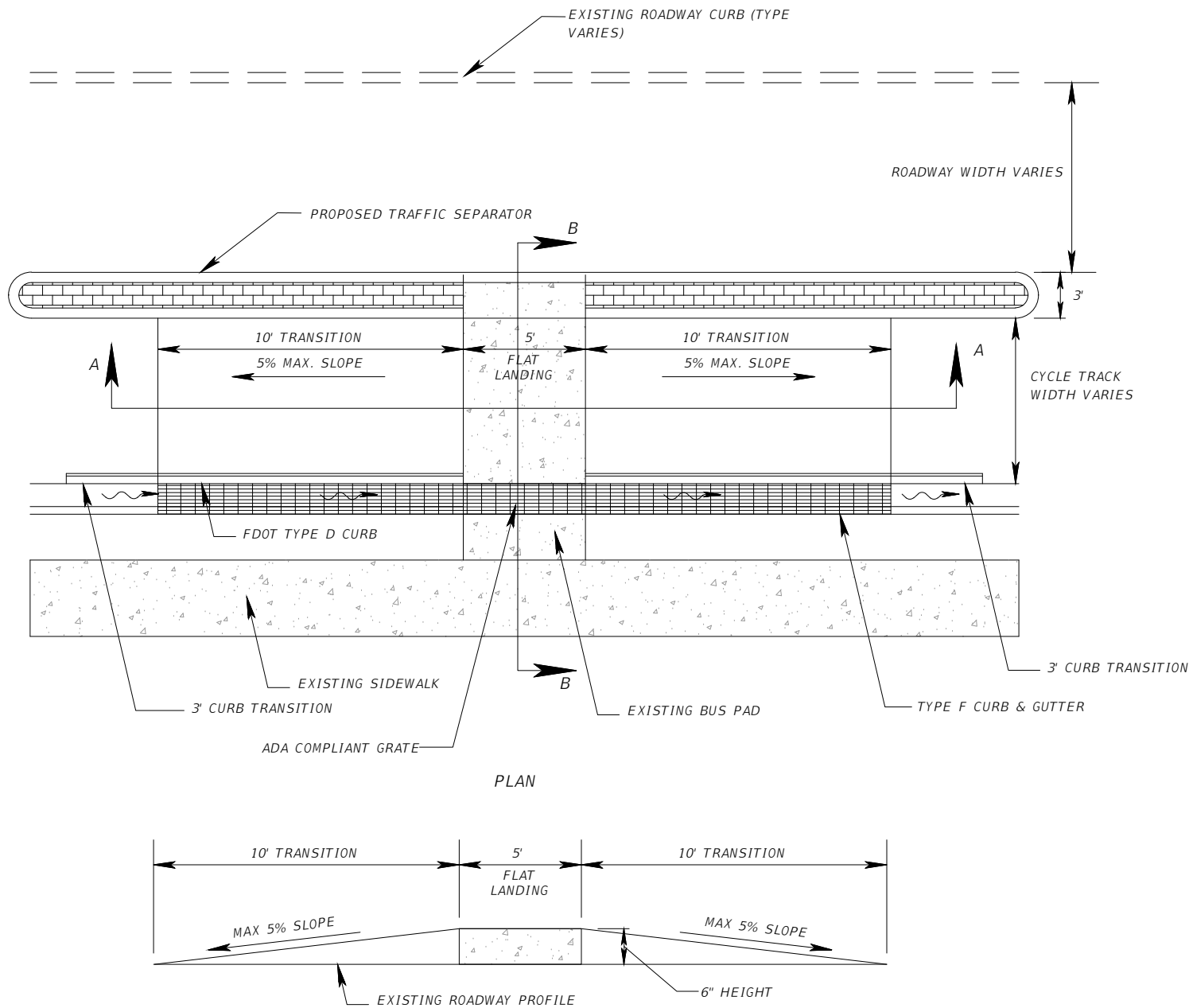
KISINGER CAMPO & ASSOCIATES CORP.
 201 N FRANKLIN ST, SUITE 400,
 TAMPA, FL 33602
 ENGINEER OF RECORD:
 CURT SPRUNGER, P.E. NO: 66524

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

DRAINAGE DETAIL SHEET

| |
|-----------|
| SHEET NO. |
| 13 |

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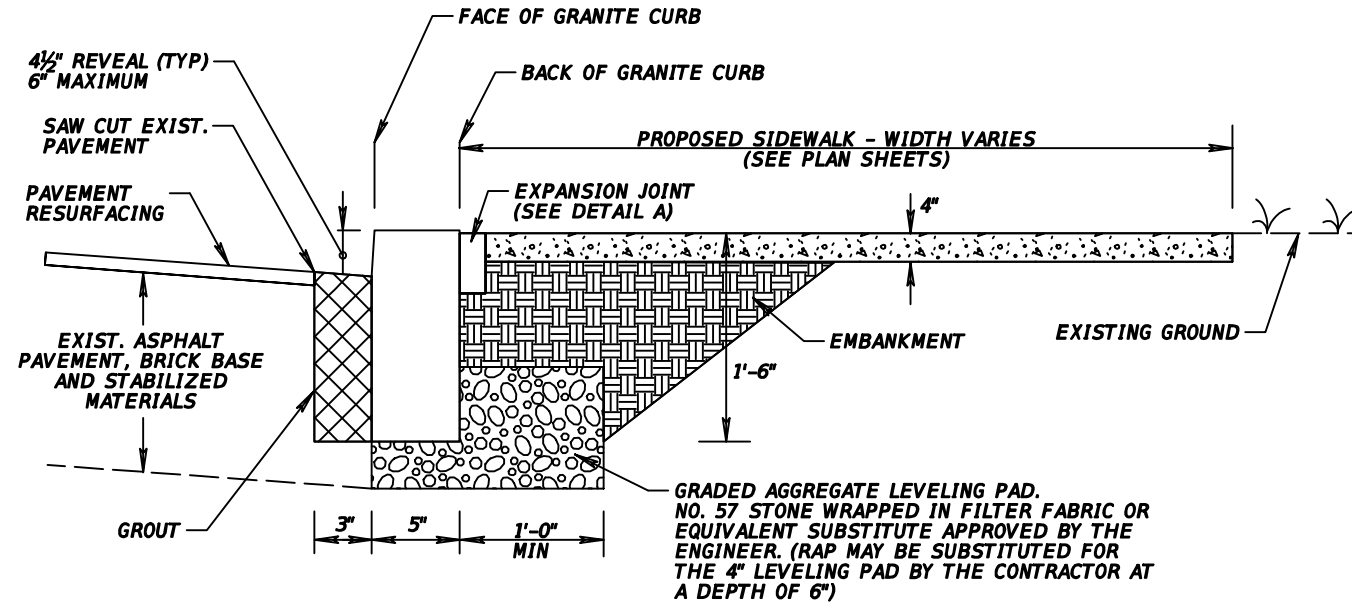
| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

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

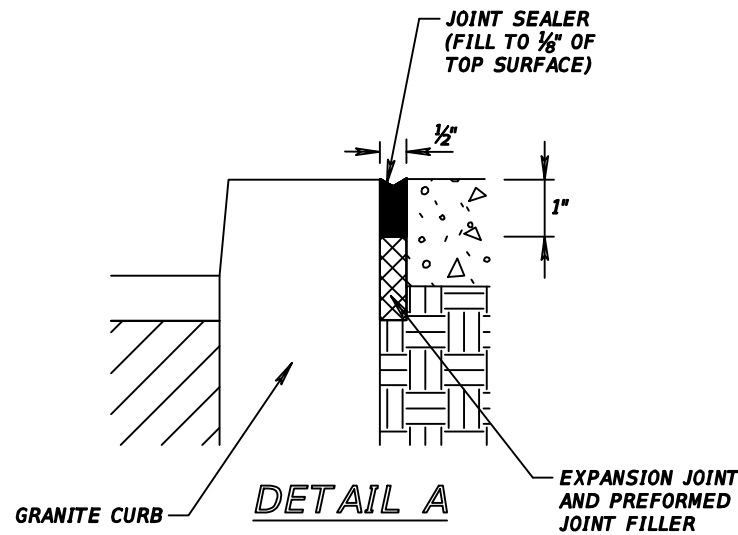
| CITY OF TAMPA MOBILITY DEPARTMENT | | |
|--------------------------------------|--------------|--------------------|
| ROAD NO. | COUNTY | PROJECT DESIGN NO. |
| | HILLSBOROUGH | 21-C-00022 |

SPECIAL DETAILS - (1)

SHEET NO.
14



RESETTING GRANITE CURB



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

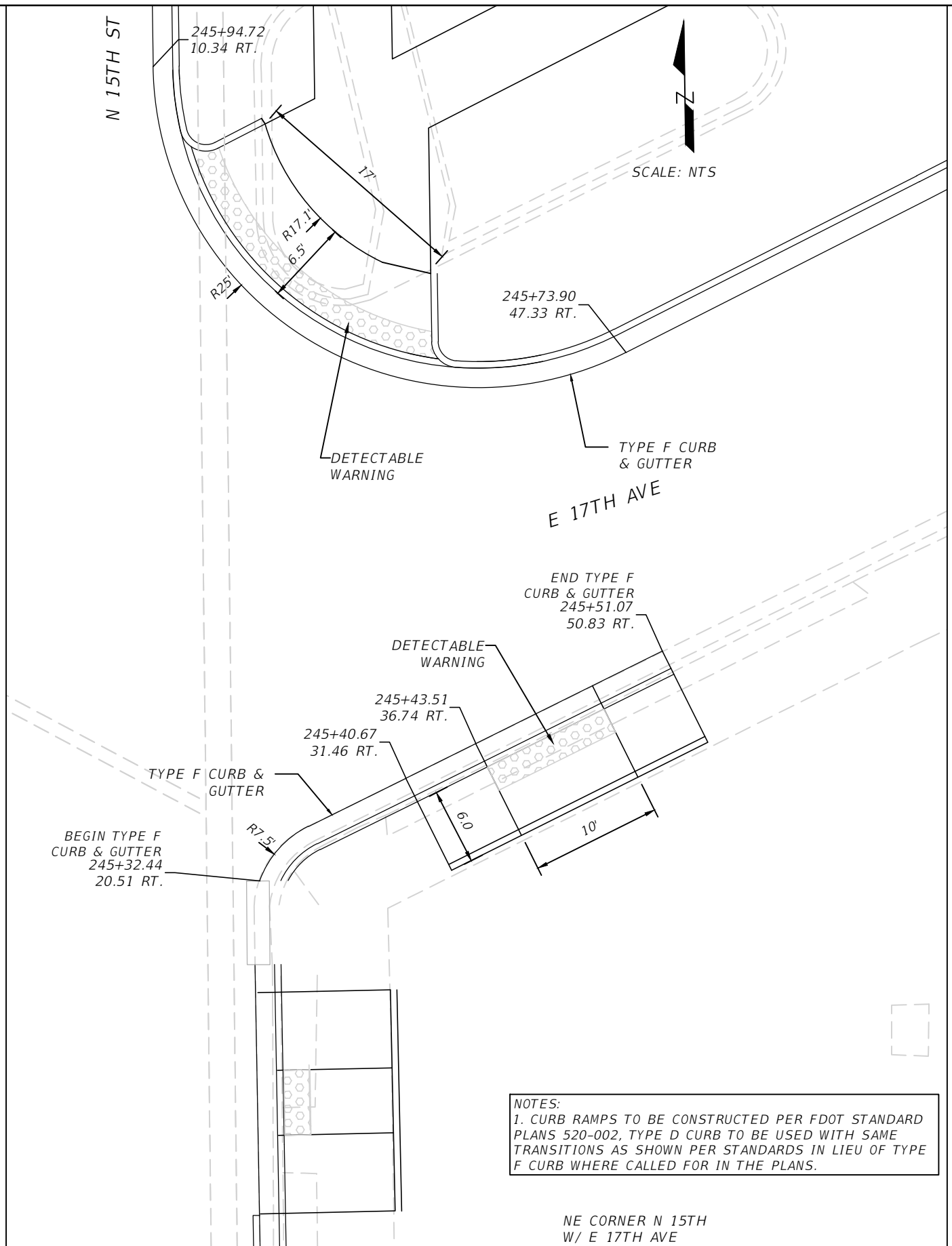
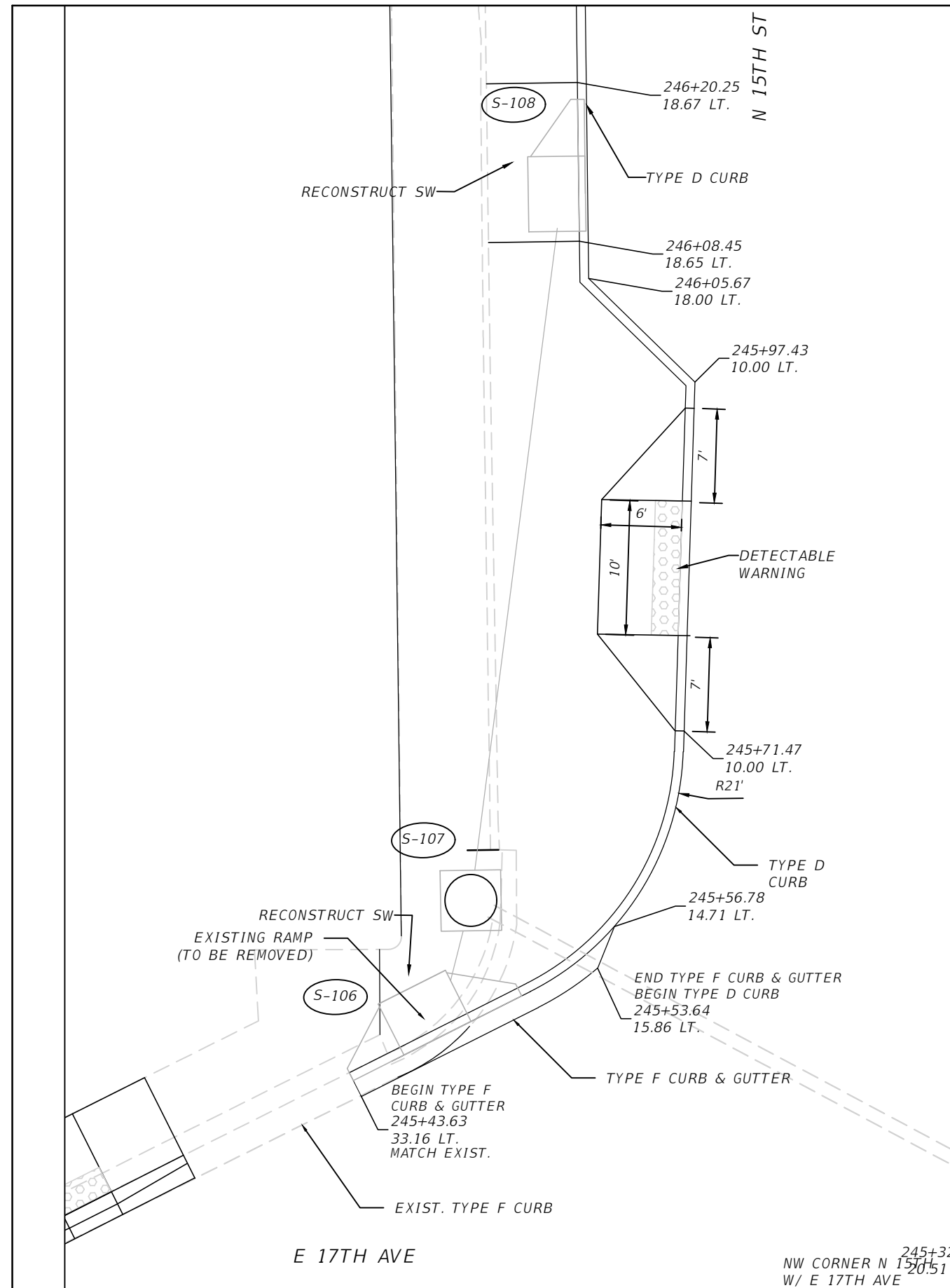
KISINGER CAMPO & ASSOCIATES CORP.
 201 N FRANKLIN ST, SUITE 400,
 TAMPA, FL 33602
 ENGINEER OF RECORD:
 FATHY ABDALLA, P.E. NO: 63914

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

SPECIAL DETAILS - (2)

SHEET NO.

15



NOTES:
 1. CURB RAMPS TO BE CONSTRUCTED PER FDOT STANDARD PLANS 520-002, TYPE D CURB TO BE USED WITH SAME TRANSITIONS AS SHOWN PER STANDARDS IN LIEU OF TYPE F CURB WHERE CALLED FOR IN THE PLANS.

| 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

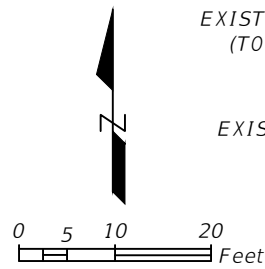
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|--------------------------------------|--------------|--------------------|
| CITY OF TAMPA MOBILITY DEPARTMENT | | |
| ROAD NO. | COUNTY | PROJECT DESIGN NO. |
| | HILLSBOROUGH | 21-C-00022 |

NE CORNER N 15TH
 W/ E 17TH AVE

SPECIAL DETAILS - (3)

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.



EXISTING SIDEWALK
(TO BE REMOVED)

EXISTING TYPE D CURB
(TO BE REMOVED)

RECONSTRUCT SW

RECONSTRUCT SW

END REGRADING
STA. 245+10.98

N 15TH ST

N 15TH ST

246

245

N 15TH ST

ES-07

END TYPE F C&G

RECONSTRUCT SW

6' SWK

6' SWK

TYPE F C&G

EXIST. TYPE F C&G

END TYPE F C&G

END SWK

CONSTRUCT BUS PAD
PER BUS PAD DETAIL

BEGIN TYPE F C&G

LEGEND:

- DETECTABLE WARNINGS
- CONCRETE REMOVAL

NOTES:
1. CURB RAMPS TO BE CONSTRUCTED PER FDOT STANDARD PLANS 520-002, TYPE D CURB TO BE USED WITH SAME TRANSITIONS AS SHOWN PER STANDARDS IN LIEU OF TYPE F CURB WHERE CALLED FOR IN THE PLANS.

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

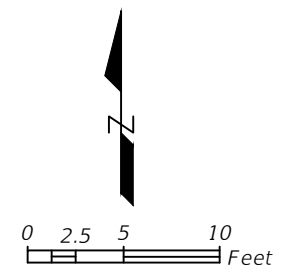
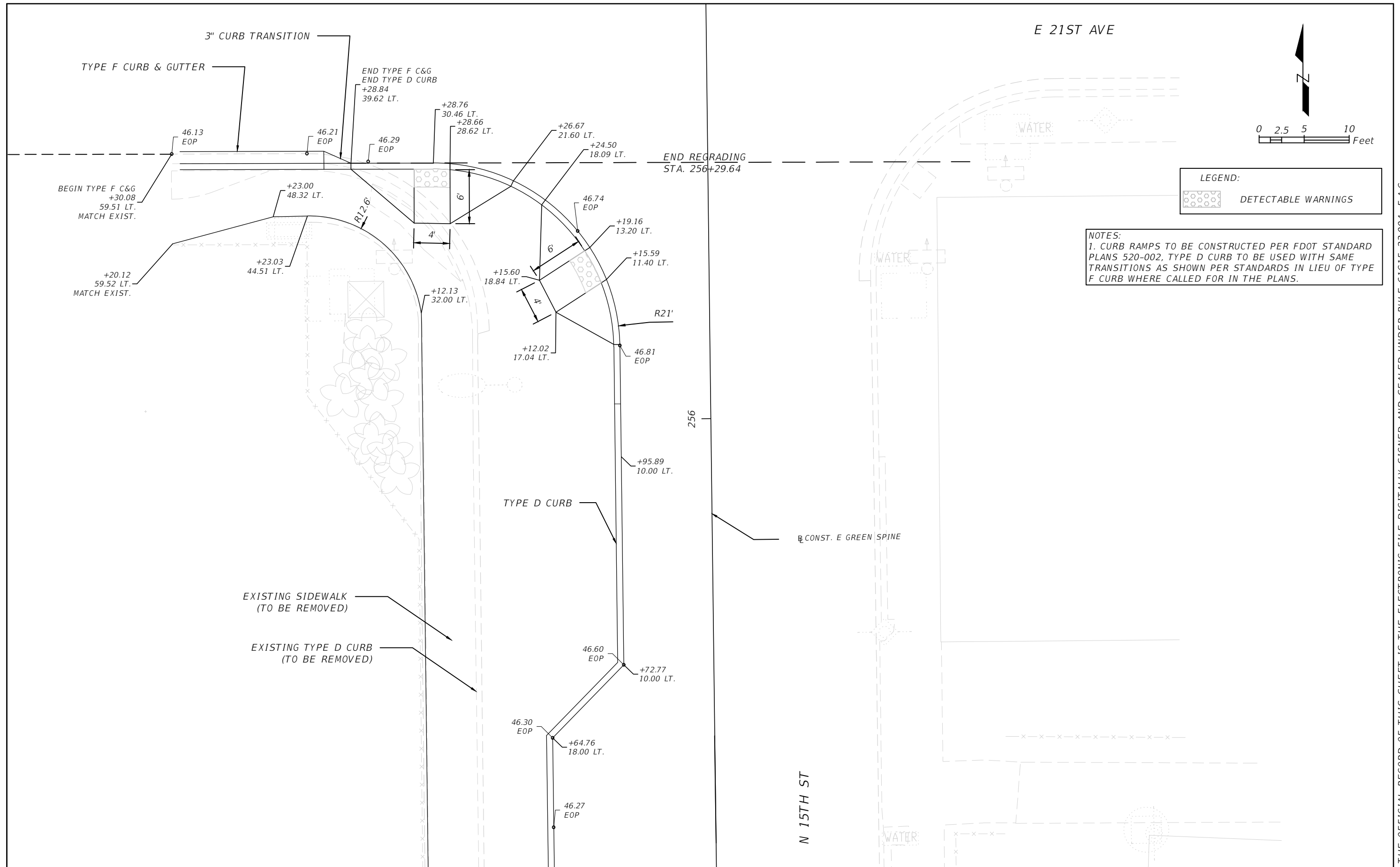
KISINGER CAMPO & ASSOCIATES CORP.
201 N FRANKLIN ST, SUITE 400,
TAMPA, FL 33602
ENGINEER OF RECORD:
FATHY ABDALLA, P.E. NO: 63914

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

INTERSECTION DETAILS - (1)

SHEET NO.

17



LEGEND:
 DETECTABLE WARNINGS

NOTES:
 1. CURB RAMPS TO BE CONSTRUCTED PER FDOT STANDARD PLANS 520-002, TYPE D CURB TO BE USED WITH SAME TRANSITIONS AS SHOWN PER STANDARDS IN LIEU OF TYPE F CURB WHERE CALLED FOR IN THE PLANS.

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

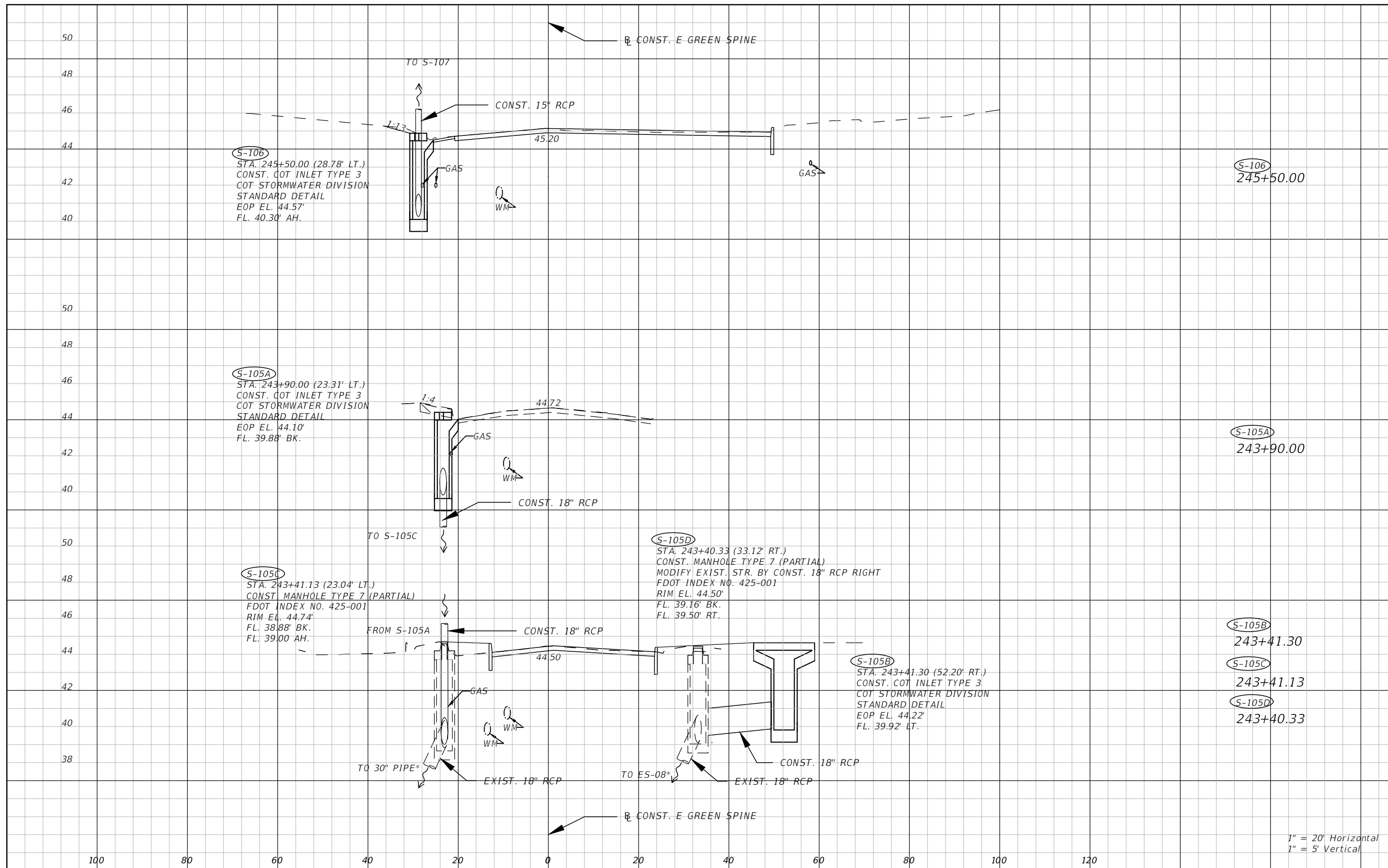
KISINGER CAMPO & ASSOCIATES CORP.
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| | | |
|--------------------------------------|--------------|--------------------|
| CITY OF TAMPA MOBILITY DEPARTMENT | | |
| ROAD NO. | COUNTY | PROJECT DESIGN NO. |
| | HILLSBOROUGH | 21-C-00022 |

INTERSECTION DETAILS - (2)

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.



1" = 20' Horizontal
 1" = 5' Vertical

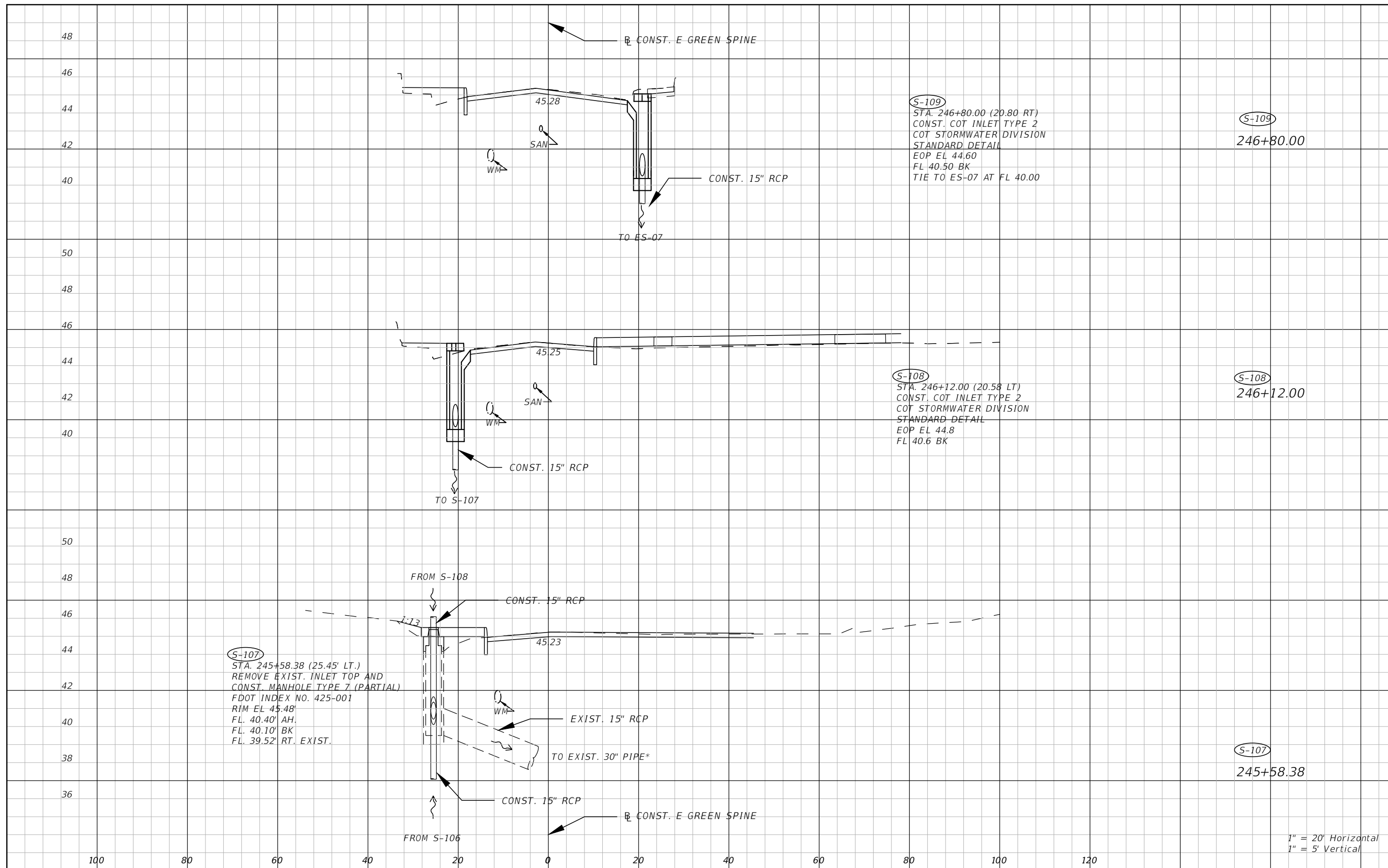
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|---|--------------|--------------------|--------------------------------------|--|--|
| KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 ENGINEER OF RECORD: CURT SPRUNGER, P.E. NO: 66524 | | | CITY OF TAMPA MOBILITY DEPARTMENT | | |
| ROAD NO. | COUNTY | PROJECT DESIGN NO. | | | |
| | HILLSBOROUGH | 21-C-00022 | | | |

DRAINAGE STRUCTURES - (1)

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.



S-107
 STA. 245+58.38 (25.45' LT.)
 REMOVE EXIST. INLET TOP AND
 CONST. MANHOLE TYPE 7 (PARTIAL)
 FDOT INDEX NO. 425-001
 RIM EL 45.48'
 FL. 40.40' AH.
 FL. 40.10' BK
 FL. 39.52' RT. EXIST.

S-109
 STA. 246+80.00 (20.80 RT)
 CONST. COT INLET TYPE 2
 COT STORMWATER DIVISION
 STANDARD DETAIL
 EOP EL 44.60
 FL 40.50 BK
 TIE TO ES-07 AT FL 40.00

S-108
 STA. 246+12.00 (20.58 LT)
 CONST. COT INLET TYPE 2
 COT STORMWATER DIVISION
 STANDARD DETAIL
 EOP EL 44.8
 FL 40.6 BK

1" = 20' Horizontal
 1" = 5' Vertical

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

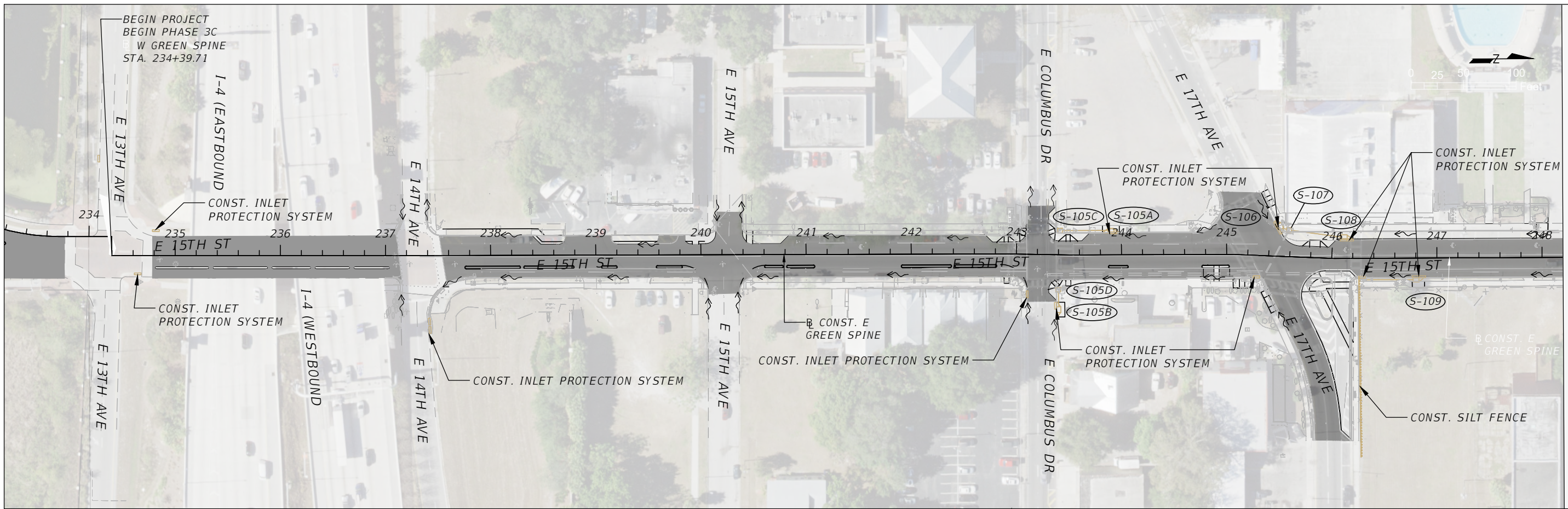
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| DATE | DESCRIPTION | DATE | DESCRIPTION |
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KISINGER CAMPO & ASSOCIATES CORP.
 201 N FRANKLIN ST, SUITE 400,
 TAMPA, FL 33602
 ENGINEER OF RECORD:
 CURT SPRUNGER, P.E. NO: 66524

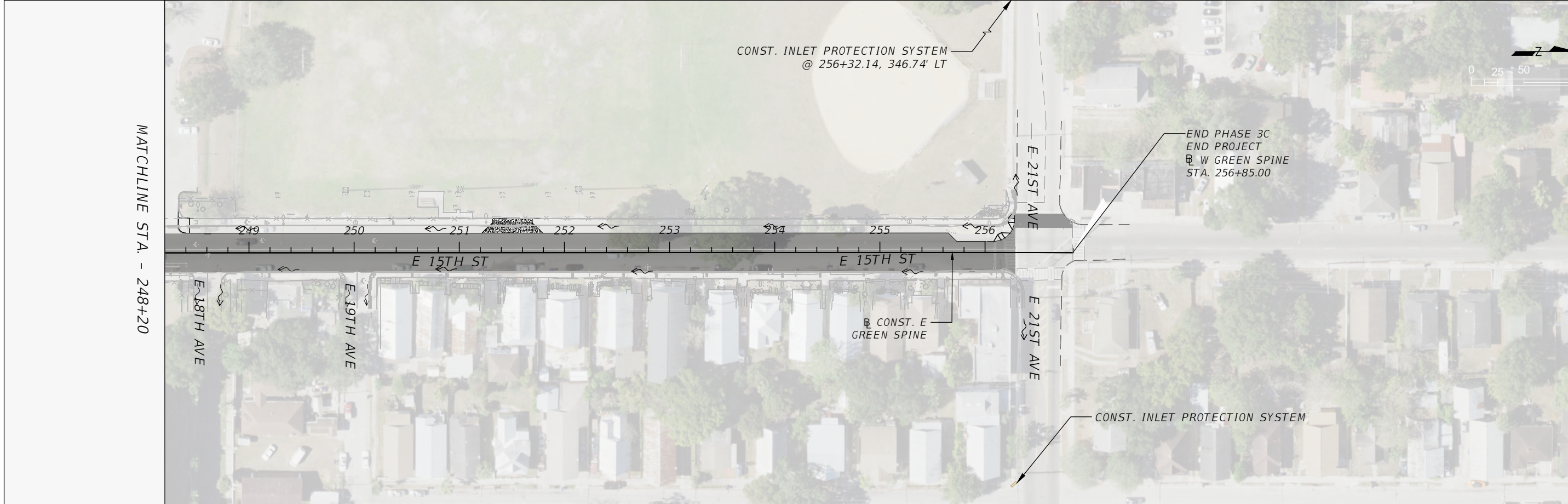
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| CITY OF TAMPA MOBILITY DEPARTMENT | | |
| ROAD NO. | COUNTY | PROJECT DESIGN NO. |
| | HILLSBOROUGH | 21-C-00022 |

DRAINAGE STRUCTURES -
(2)

| |
|-----------|
| SHEET NO. |
| 20 |



MATCHLINE STA. - 248+20



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

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 | FINANCIAL PROJECT ID |
| | HILLSBOROUGH | 21-C-00022 |

EROSION CONTROL PLAN - (1)

SHEET NO.
21

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G1615-23.004, 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 21ST AVENUE.

B. PROJECT LIMITS

THE PROJECT LIMITS ARE ALONG NUCCIO PKWY FROM E 13TH AVENUE TO E 21ST 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 ½" 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 ½" 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. 22 |
|-----------|-------------|------|-------------|---|--------------------------------------|------------|--------------------|---|------------------------|
| 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

| 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 (2) | SHEET NO. 23 |
|-----------|-------------|------|-------------|---|--------------------------------------|------------|--------------------|---|------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | PROJECT DESIGN NO. | | |
| | | | | | HILLSBOROUGH | 21-C-00022 | | | |

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 NUCCIO PKWY CONST | MESSAGE 2 BEGINS "BEGIN DATE" |
| MESSAGE 1 E 12TH AVE CONST | MESSAGE 2 BEGINS "BEGIN DATE" |
| MESSAGE 1 N 15TH ST CONST | MESSAGE 2 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 WEEKEND LANE CLOSURE | MESSAGE 2 FRI PM TO MON AM |
|---|-------------------------------------|

PHASE I NOTES:

THE INTENT OF THIS PHASE IS TO CONSTRUCT DRAINAGE, SIGNALIZATION AND ROADSIDE IMPROVEMENTS ALONG N 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:

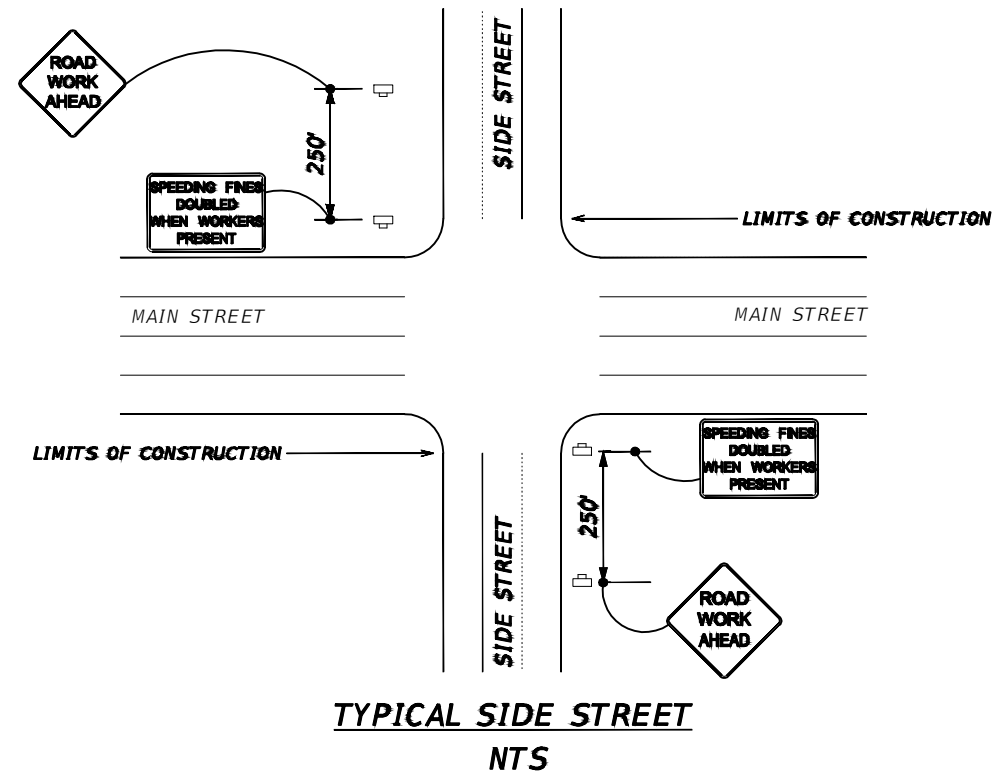
3. PERMANENTLY CLOSE THE EXISTING OUTSIDE TRAVEL LANE AND ADJACENT PARKING LANE. PLACE TEMPORARY 6" WHITE PAVEMENT MARKINGS ALONG THE NORTHERN EDGE OF THE EXISTING CENTER LANE.
4. USE STANDARD PLANS 102-613, 102-615, 102-620, 102-625 AND 102-628 TO MILL THE PAVEMENT BETWEEN THE SOUTHERN CURB LINE AND 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 SAW CUT 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 STOP BAR 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 |
|--|

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

| REVISIONS | | | | KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN 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) |

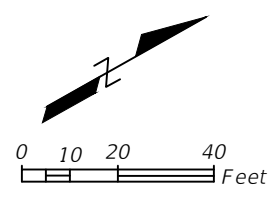
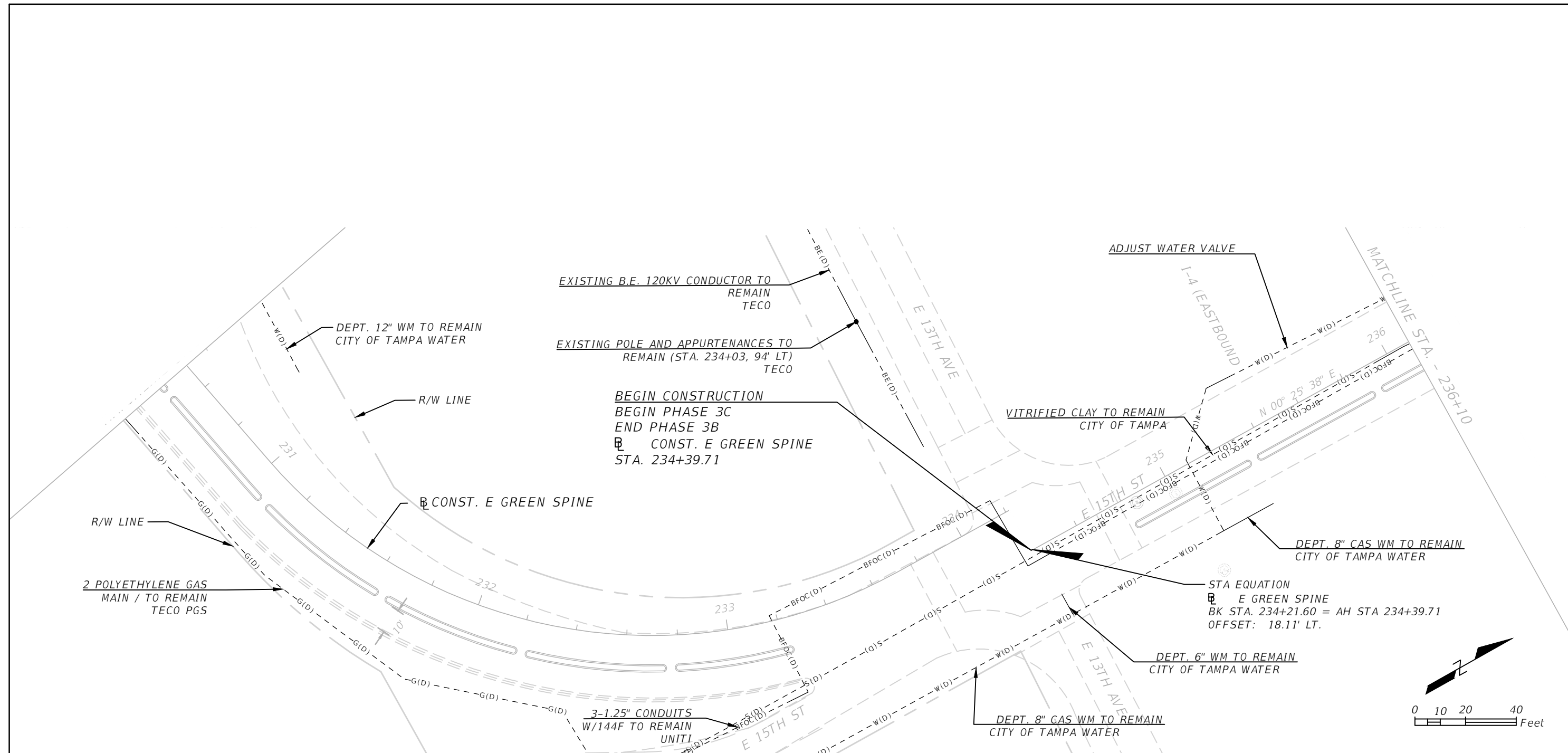
| R E V I S I O N S | | | |
|-------------------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

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. |
| 25 |



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

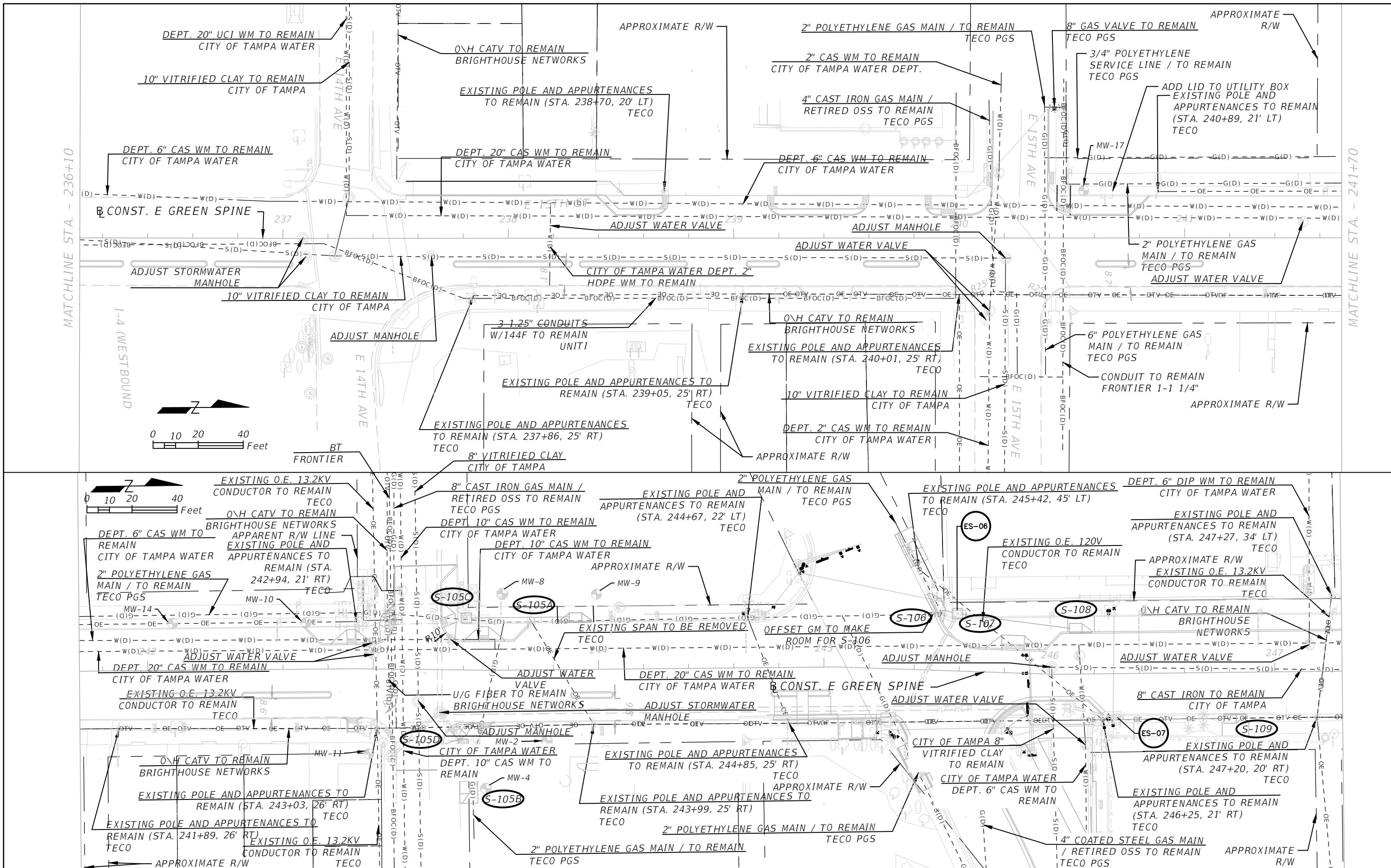
KISINGER CAMPO & ASSOCIATES CORP.
201 N FRANKLIN ST, SUITE 400,
TAMPA, FL 33602
ENGINEER OF RECORD:
FATHY ABDALLA, P.E. NO: 63914

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

UTILITY ADJUSTMENT SHEETS -
(1)

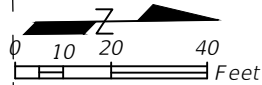
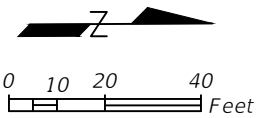
| |
|-----------|
| SHEET NO. |
| 26 |

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



MATCHLINE STA. - 236+10

MATCHLINE STA. - 241+70



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

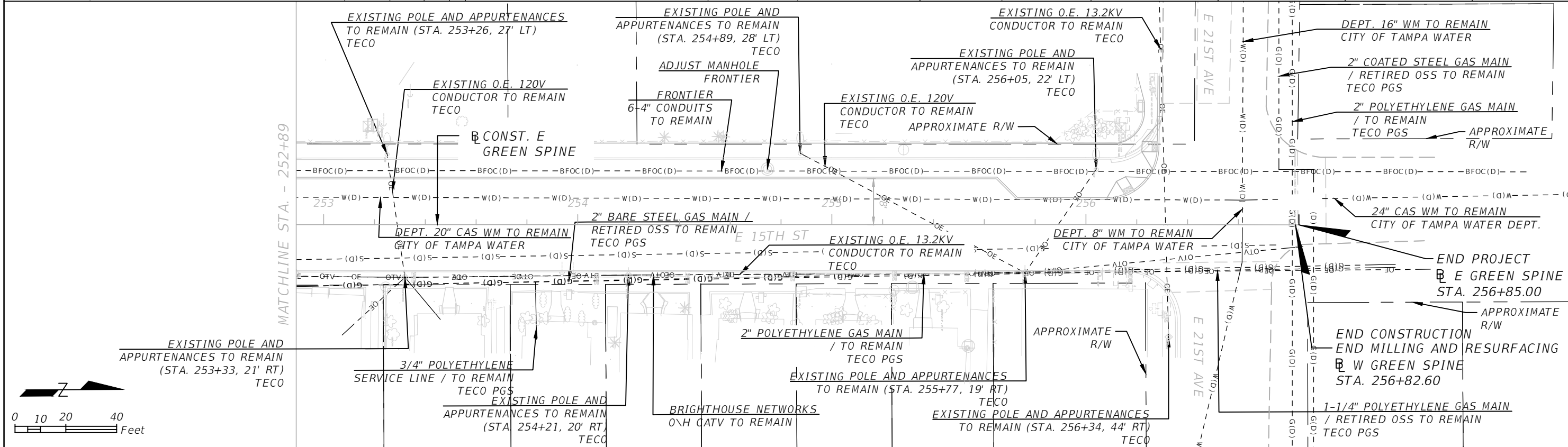
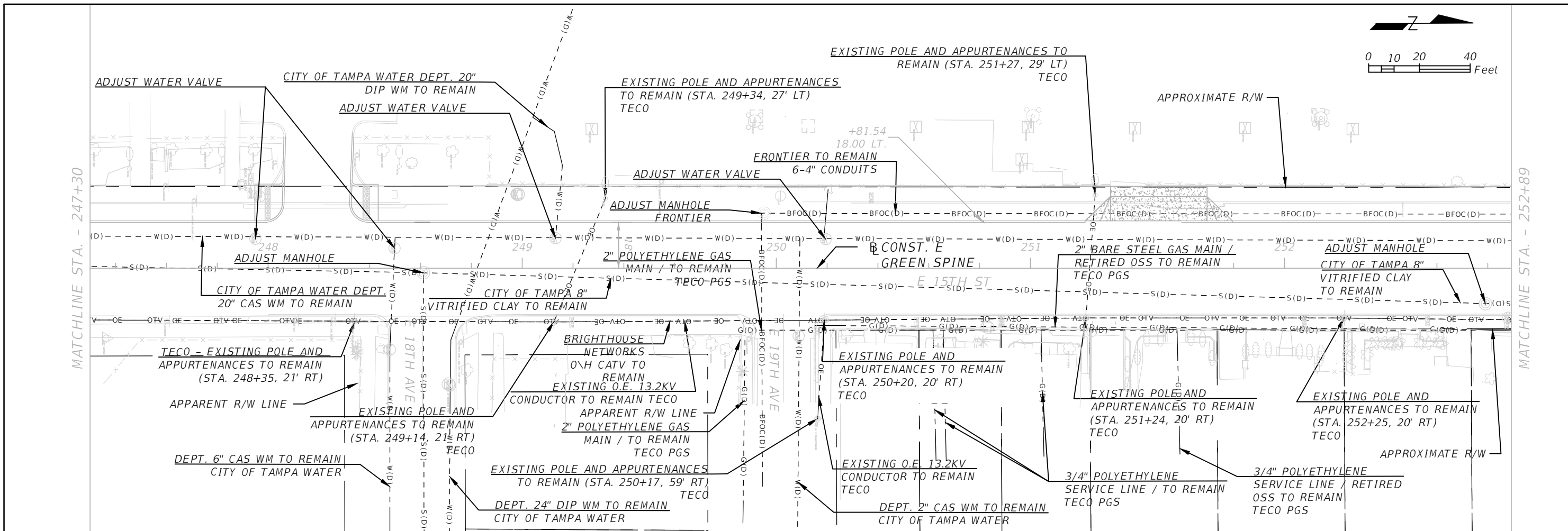
KISINGER CAMPO & ASSOCIATES CORP.
 201 N FRANKLIN ST, SUITE 400,
 TAMPA, FL 33602
 ENGINEER OF RECORD:
 FATHY ABDALLA, P.E. NO: 63914

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

UTILITY ADJUSTMENT SHEETS -
(2)

| |
|-----------|
| SHEET NO. |
| 27 |

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



| REVISIONS | | KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN ST, SUITE 400, TAMPA, FL 33602 ENGINEER OF RECORD: FATHY ABDALLA, P.E. NO: 63914 | CITY OF TAMPA MOBILITY DEPARTMENT | | UTILITY ADJUSTMENT SHEETS - (3) | SHEET NO. 28 |
|-----------|-------------|---|--------------------------------------|------------|------------------------------------|-----------------|
| DATE | DESCRIPTION | | ROAD NO. | COUNTY | | |
| | | | 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 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).
- 520-7- 4 GRANITE CURB, RESET - INCLUDES COST OF LABOR AND MATERIALS REQUIRED FOR RESETTING THE CURB.
- 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.
- 700-1-50 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 |
|-----------|--|
| SQ-1 | SUMMARY OF LUMP SUM ITEMS |
| SQ-2 | SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES |
| SQ-3 | SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS |
| | SUMMARY OF EARTHWORK |
| SQ-4 | SUMMARY OF PAVEMENT |
| SQ-5 | SUMMARY OF MISCELLANEOUS DRAINAGE ITEMS |
| SQ-6,7 | SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS |
| SQ-8,9 | SUMMARY OF SIDEWALK & DETECTABLE WARNINGS |
| SQ-10 | 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

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 | | | |
| 246+25.51 | to | 246+27.01 | RT. | | | 175.0 | | | | | | | |
| 234+64.39 | | | LT. | | | | | | | 1 | | | |
| 234+81.90 | | | RT. | | | | | | | 1 | | | |
| 237+42.09 | | | LT. | | | | | | | 1 | | | |
| 243+10.88 | | | RT. | | | | | | | 1 | | | |
| 243+37.86 | | | RT. | | | | | | | 1 | | | |
| 243+91.99 | | | LT. | | | | | | | 1 | | | |
| 245+29.18 | | | RT. | | | | | | | 1 | | | |
| 245+46.53 | | | LT. | | | | | | | 1 | | | |
| 246+14.46 | | | LT. | | | | | | | 1 | | | |
| 246+28.74 | | | RT. | | | | | | | 1 | | | |
| 246+82.82 | | | RT. | | | | | | | 1 | | | |
| 256+27.17 | | | RT. | | | | | | | 1 | | | |
| 256+32.14 | | | LT. | | | | | | | 1 | | | |
| SUB-TOTAL : | | | | | | 175.0 | | | | 13 | | | |
| TOTAL : | | | | | | 175.0 | | | | 13 | | | |

| | | | | | | | | | |
|------------------|-------------|------|-------------|---|--------------------------------------|--------------|--------------------|------------------------------|-----------|
| 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 | | |

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 | | | 985.0 | | | |
| | | 237+51.15 to 238+71.20 | LT. | | 9 | | | | | EXIST. CURB REMOVAL | |
| | | 239+15.07 to 239+59.92 | LT. | | 3 | | | | | EXIST. CURB REMOVAL | |
| | | 239+84.92 to 240+14.33 | LT. | | 5 | | | | | EXIST. CURB REMOVAL | |
| | | 240+39.19 to 241+84.51 | LT. | | 6 | | | | | EXIST. CURB REMOVAL | |
| | | 242+69.18 to 243+09.42 | LT. | | 3 | | | | | EXIST. CURB REMOVAL | |
| | | 243+36.56 to 243+70.55 | LT. | | 4 | | | | | EXIST. CURB REMOVAL | |
| | | 243+38.74 to 243+53.72 | LT. | | 3 | | | | | EXIST. CURB REMOVAL | |
| | | 244+77.35 to 245+51.07 | RT. | | 20 | | | | | EXIST. CURB REMOVAL | |
| | | 245+45.31 to 256+28.35 | LT. | | 762 | | | | | EXIST. SIDEWALK REMOVAL | |
| | | 245+45.31 to 256+28.35 | LT. | | 83 | | | | | EXIST. CURB REMOVAL | |
| | | 245+77.33 to 246+01.90 | RT. | | 80 | | | | | EXIST. ISLAND | |
| | | 246+17.90 to 246+25.90 | RT. | | 7 | | | | | CURB RAMP REMOVAL | |

SUMMARY OF EARTHWORK

| PAY ITEM NO. | PAY ITEM DESCRIPTION | CY | | DESIGN NOTES | CONSTRUCTION REMARKS |
|--------------|----------------------|-------|---|--------------|----------------------|
| | | P | F | | |
| 0120 6 | EMBANKMENT | 419.0 | | | |
| | TOTAL | 419.0 | | | |

NOTE: EARTHWORK HAS BEEN CALCULATED USING THE METHOD OF AVERAGE END AREA BASE OPTION.

| 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. | | SQ3 |
| | | | | | | HILLSBOROUGH | 21-C-00022 | | |

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 | 234+78.64 | to | 237+12.52 | LT./RT. | | SY | 868.0 | | 9,288.0 | | | |
| | | 237+54.18 | to | 256+28.47 | LT./RT. | | SY | 8,420.0 | | | | | |
| 0337 7 83 | ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22 | 234+78.64 | to | 237+12.52 | LT./RT. | | TN | 72.0 | | 768.0 | | BUS STOP SLOPED PAVEMENT INCLUDED | |
| | | 237+54.18 | to | 256+28.47 | LT./RT. | | TN | 696.0 | | | | | |
| 0526 1A | Red Brick Pavers, Furnish and Install | 234+82.00 | to | 235+31.00 | RT. | | SY | 11.3 | | 115.0 | | | |
| | | 235+37.00 | to | 235+87.00 | RT. | | SY | 11.5 | | | | | |
| | | 235+93.00 | to | 236+28.00 | RT. | | SY | 8.5 | | | | | |
| | | 236+34.00 | to | 236+65.00 | RT. | | SY | 7.5 | | | | | |
| | | 236+71.00 | to | 237+03.00 | RT. | | SY | 7.5 | | | | | |
| | | 237+77.00 | to | 238+27.00 | RT. | | SY | 11.5 | | | | | |
| | | 238+33.00 | to | 238+78.00 | RT. | | SY | 10.5 | | | | | |
| | | 239+07.00 | to | 239+19.00 | RT. | | SY | 3.5 | | | | | |
| | | 239+59.00 | to | 239+81.00 | RT. | | SY | 5.3 | | | | | |
| | | 240+62.00 | to | 240+77.00 | RT. | | SY | 3.7 | | | | | |
| | | 240+83.00 | to | 241+07.00 | RT. | | SY | 5.8 | | | | | |
| | | 241+92.00 | to | 242+37.00 | RT. | | SY | 10.4 | | | | | |
| | | 242+43.00 | to | 242+80.00 | RT. | | SY | 8.4 | | | | | |
| | | 243+89.00 | to | 244+05.00 | RT. | | SY | 4.0 | | | | | |
| 244+77.85 | to | 245+01.23 | RT. | | SY | 5.6 | | | | | | | |

| | | | | | | | | | |
|------------------|-------------|------|-------------|---|--------------------------------------|--------------|--------------------|------------------------------|-----------|
| 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. | | SQ4 |
| | | | | | | HILLSBOROUGH | 21-C-00022 | | |

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 | 238+60.00 | RT. | LF | 32.7 | | 181.4 | | | |
| 435-100-2 | INLET SPECIAL DRAINAGE GRATE | 239+40.00 | LT. | LF | 44.8 | | | | | |
| 435-100-2 | INLET SPECIAL DRAINAGE GRATE | 240+00.00 | LT. | LF | 29.2 | | | | | |
| 435-100-2 | INLET SPECIAL DRAINAGE GRATE | 240+60.00 | LT. | LF | 45.3 | | | | | |
| 435-100-2 | INLET SPECIAL DRAINAGE GRATE | 244+90.35 | RT. | LF | 29.4 | | | | | |

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

| | | | | | | | | | |
|------------------|-------------|------|-------------|---|--------------------------------------|--------------|--------------------|------------------------------|-----------|
| REVISIONS | | | | KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN 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 | | |

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 |
| | | | to | | | | | TYPE | LENGTH | P | F | | | | |
| 0520 1 10 | Concrete Curb & Gutter, Type F | 244+77.35 | to | 245+51.34 | RT. | LF | 74.0 | | | 95.0 | | 325.0 | | | |
| | | 246+16.27 | to | 246+24.79 | RT. | LF | 8.5 | | | 230.0 | | | | | |
| 0520 2 4 | Concrete Curb & Gutter, Type D | 234+80.00 | to | 235+87.00 | RT. | LF | 108.0 | | | 108.0 | | 2410.0 | | | |
| | | 235+37.00 | to | 235+87.00 | RT. | LF | 110.0 | | | 110.0 | | | | | |
| | | 235+93.00 | to | 236+28.00 | RT. | LF | 80.0 | | | 80.0 | | | | | |
| | | 236+34.00 | to | 236+65.00 | RT. | LF | 72.0 | | | 72.0 | | | | | |
| | | 236+71.00 | to | 237+03.00 | RT. | LF | 74.0 | | | 74.0 | | | | | |
| | | 237+77.00 | to | 238+27.00 | RT. | LF | 110.0 | | | 110.0 | | | | | |
| | | 238+33.00 | to | 238+78.00 | RT. | LF | 100.0 | | | 100.0 | | | | | |
| | | 238+67.45 | to | 238+71.20 | LT. | LF | 3.7 | | | 11.0 | | | | | |
| | | 239+07.00 | to | 239+19.00 | RT. | LF | 34.0 | | | 34.0 | | | | | |
| | | 239+15.07 | to | 239+18.80 | LT. | LF | 3.7 | | | 10.0 | | | | | |
| | | 239+55.73 | to | 239+59.92 | LT. | LF | 4.2 | | | 11.0 | | | | | |
| | | 239+59.00 | to | 239+81.00 | RT. | LF | 54.0 | | | 54.0 | | | | | |
| | | 239+84.92 | to | 240+00.94 | RT. | LF | 16.0 | | | 23.0 | | | | | |
| | | 240+39.19 | to | 240+52.73 | LT. | LF | 13.6 | | | 32.0 | | | | | |
| | | 240+62.00 | to | 240+77.00 | RT. | LF | 40.0 | | | 40.0 | | | | | |
| | | 240+83.00 | to | 241+07.00 | RT. | LF | 58.0 | | | 58.0 | | | | | |
| | | 241+92.00 | to | 242+37.00 | RT. | LF | 100.0 | | | 100.0 | | | | | |
| | | 242+43.00 | to | 242+80.00 | RT. | LF | 84.0 | | | 84.0 | | | | | |
| | | 242+69.18 | to | 243+09.42 | LT. | LF | 58.0 | | | 58.0 | | | | | |
| 243+36.56 | to | 243+70.55 | LT. | LF | 77.0 | | | 77.0 | | | | | | | |
| 243+38.74 | to | 243+53.72 | RT. | LF | 15.0 | | | 44.0 | | | | | | | |
| 243+89.00 | to | 244+05.00 | RT. | LF | 42.0 | | | 42.0 | | | | | | | |
| 244+74.85 | to | 245+06.74 | RT. | LF | 32.0 | | | 32.0 | | | | | | | |
| 244+77.85 | to | 245+01.23 | RT. | LF | 57.0 | | | 57.0 | | | | | | | |
| 245+56.78 | to | 248+06.89 | LT. | LF | 251.0 | | | 251.0 | | | | | | | |
| 248+33.13 | to | 251+21.53 | LT. | LF | 289.0 | | | 289.0 | | | | | | | |
| 251+79.53 | to | 256+27.78 | LT. | LF | 449.0 | | | 449.0 | | | | | | | |

| 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.
SQ6

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 |
| | | | to | | | | | TYPE | LENGTH | P | F | | | | |
| 0520 7 1 | Granite Curb, Furnish and Install | 237+57.79 | to | 238+67.45 | LT. | LF | 110.0 | | | 110.0 | | 193.0 | | | |
| | | 239+18.80 | to | 239+55.73 | LT. | LF | 37.0 | | | 37.0 | | | | | |
| | | 240+00.94 | to | 240+14.33 | LT. | LF | 14.0 | | | 14.0 | | | | | |
| | | 240+52.73 | to | 240+84.51 | LT. | LF | 32.0 | | | 32.0 | | | | | |
| 0520 7 2 | Granite Curb, Reset | 237+57.79 | to | 238+38.53 | LT. | LF | 81.0 | | | 81.0 | | 235.0 | | | |
| | | 238+38.53 | to | 238+71.20 | LT. | LF | 33.0 | | | 33.0 | | | | | |
| | | 239+15.07 | to | 239+59.92 | LT. | LF | 45.0 | | | 45.0 | | | | | |
| | | 239+84.92 | to | 240+14.33 | LT. | LF | 30.0 | | | 30.0 | | | | | |
| | | 240+39.19 | to | 240+84.51 | LT. | LF | 46.0 | | | 46.0 | | | | | |

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

| | | | | | | | | | |
|------------------|-------------|------|-------------|---|--------------------------------------|--------------|--------------------|------------------------------|-----------|
| REVISIONS | | | | KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN 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 | | |

SUMMARY OF SIDEWALK & PAVERS, ARCHITECTURAL, ROADWAY

| 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 | | |
| 237+57.79 | to | 238+71.20 | LT. | | 79.0 | | | | | | | |
| 239+15.07 | to | 239+59.92 | LT. | | 20.0 | | | | | | | |
| 239+84.92 | to | 240+14.33 | LT. | | 9.0 | | | | | | | |
| 240+42.23 | to | 240+49.23 | LT. | | 9.0 | | | | | | | |
| 242+69.18 | to | 243+09.42 | LT. | | 31.0 | | | | | | | |
| 242+88.15 | to | 242+93.70 | LT. | | 4.0 | | | | | | | |
| 243+29.33 | to | 243+70.50 | LT. | | 43.0 | | | | | | | |
| 243+38.74 | to | 243+52.42 | LT. | | 33.0 | | | | | | | |
| 245+79.49 | to | 246+19.96 | LT. | | 61.0 | | | | | | | |
| 245+06.74 | to | 245+23.86 | LT. | | 16.0 | | | | | | | |
| 245+33.72 | to | 243+51.34 | LT. | | 20.0 | | | | | | | |
| 245+29.51 | to | 245+44.46 | LT. | | 15.0 | | | | | | | |
| | | | | | | | | | | | | |
| 245+79.49 | to | 245+79.49 | LT. | | | | 15.0 | | | | | |
| 245+45.07 | to | 248+06.89 | LT. | | | | 421.45 | | | | | |
| 248+33.13 | to | 256+30.35 | LT. | | | | 1,259.0 | | | | | |
| | | | | | | | | | | | | |
| 238+71.00 | | | LT. | | | | | 8.3 | | | | |
| 239+15.30 | | | LT. | | | | | 9.3 | | | | |
| 239+59.80 | | | LT. | | | | | 9.6 | | | | |
| 239+85.00 | | | LT. | | | | | 9.0 | | | | |
| 239+90.50 | | | LT. | | | | | 12.0 | | | | |
| 240+14.00 | | | LT. | | | | | 11.7 | | | | |
| 240+39+50 | | | LT. | | | | | 10.5 | | | | |
| 240+49.00 | | | LT. | | | | | 13.2 | | | | |
| 242+91.00 | | | LT. | | | | | 8.0 | | | | |
| 242+91.00 | | | RT. | | | | | 8.3 | | | | |
| 243+07.00 | | | RT. | | | | | 8.0 | | | | |
| 243+07.00 | | | LT. | | | | | 8.0 | | | | |
| 243+29.50 | | | RT. | | | | | 8.3 | | | | |
| 243+53.00 | | | LT. | | | | | 8.0 | | | | |
| 243+53.00 | | | LT. | | | | | 10.0 | | | | |
| 243+28.50 | | | RT. | | | | | 20.0 | | | | |
| 243+51.00 | | | RT. | | | | | 8.0 | | | | |
| SUB-TOTAL: | | | | | 340.0 | | 1,696.0 | | 187.1 | | | |
| TOTAL: | | | | | 340.0 | | 1,696.0 | | 357.0 | | | |

| 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.
SQ8

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

SUMMARY OF SIDEWALK & PAVERS, ARCHITECTURAL, ROADWAY

| 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 | | |
| 245+10.00 | | | RT. | | | | | | 8.0 | | | |
| 245+43.00 | | | RT. | | | | | | 20.0 | | | |
| 245+80.00 | | | RT. | | | | | | 48.3 | | | |
| 245+85.00 | | | LT. | | | | | | 27.3 | | | |
| 245+36.00 | | | LT. | | | | | | 34.3 | | | |
| 248+00.00 | | | LT. | | | | | | 8.0 | | | |
| 248+40.00 | | | LT. | | | | | | 8.0 | | | |
| 256+17.00 | | | LT. | | | | | | 8.0 | | | |
| 256+27.00 | | | LT. | | | | | | 8.0 | | | |
| | | | | SUB-TOTAL : | | | | | 170.0 | | | |
| | | | | TOTAL : | | | | | 357.0 | | | |

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

| | | | | | | | | | |
|------------------|-------------|------|-------------|---|--------------------------------------|--------------|--------------------|------------------------------|-----------|
| REVISIONS | | | | KISINGER CAMPO & ASSOCIATES CORP. 201 N FRANKLIN 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. | | SQ9 |
| | | | | | | HILLSBOROUGH | 21-C-00022 | | |

| SUMMARY OF UTILITY ADJUSTMENTS | | | | | | | | | | |
|--------------------------------|---------------------------|----------------|---------|------|----------|---|-------|---|--------------|----------------------|
| PAY ITEM NO. | PAY ITEM DESCRIPTION | LOCATION | SIDE | UNIT | QUANTITY | | TOTAL | | DESIGN NOTES | CONSTRUCTION REMARKS |
| | | STA. | | | P | F | P | F | | |
| 425-5 | MANHOLE, ADJUST | 137+08.79 | BL | EA | 1 | | 8 | | | |
| 425-5 | MANHOLE, ADJUST | 137+10.00 | RT | EA | 1 | | | | | |
| 425-5 | MANHOLE, ADJUST | 240+20.56 | RT | EA | 1 | | | | | |
| 425-5 | MANHOLE, ADJUST | 243+20.42 | RT | EA | 1 | | | | | |
| 425-5 | MANHOLE, ADJUST | 243+29.70 | RT | EA | 1 | | | | | |
| 425-5 | MANHOLE, ADJUST | 246+01.26 | LT | EA | 1 | | | | | |
| 425-5 | MANHOLE, ADJUST | 248+61.11 | RT | EA | 1 | | | | | |
| 425-5 | MANHOLE, ADJUST | 252+79.32 | RT | EA | 1 | | | | | |
| 9910 | ADJUST VALVE BOX (HEIGHT) | PROJECT LIMITS | LT./RT. | EA | 15 | | 15 | | | |

| SUMMARY OF PERFORMANCE TURF | | | | | | | | | | | | |
|-----------------------------|----|-----------|------|---------|-------------|------------|------------------------|---|---------------------|------|--------------|----------------------|
| LOCATION | | | SIDE | AREA ID | LENGTH (LF) | WIDTH (LF) | PERFORMANCE TURF (SOD) | | PLASTIC EROSION MAT | | DESIGN NOTES | CONSTRUCTION REMARKS |
| STA. TO STA. | | | | | | | 0570 | 1 | 2 | 0571 | | |
| | | | SY | | | SY | | | | | | |
| | | | P | F | P | F | P | F | | | | |
| 238+38.53 | to | 238+71.20 | LT. | | | | 9.0 | | | | | |
| 239+16.70 | to | 239+57.74 | LT. | | | | 11.0 | | | | | |
| 239+86.22 | to | 239+91.97 | LT. | | | | 2.0 | | | | | |
| 239+97.97 | to | 240+10.79 | LT. | | | | 3.0 | | | | | |
| 246+18.16 | to | 246+23.51 | RT. | | | | 407.0 | | | | | |
| SUB-TOTAL: | | | | | | | 432.0 | | | | | |
| TOTAL: | | | | | | | 432.0 | | | | | |

| 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 QUANTITIES</i> | SHEET NO. |
|-----------|-------------|------|-------------|---|--------------------------------------|--------------|--------------------|------------------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | ROAD NO. | COUNTY | PROJECT DESIGN NO. | | |
| | | | | | | HILLSBOROUGH | 21-C-00022 | | SQ10 |