

LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: 416780

PERMITTING JURISDICTION:

FLORIDA DEPARTMENT OF TRANSPORTATION

**FLORIDA DOT
FLOCK SAFETY**

ON BEHALF OF

PASCO COUNTY SHERIFF'S OFFICE

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CONTACT LIST

PERMITTING

BRIAN MOORE
BRIAN.MOORE@FLOCKSAFETY.COM

PROJECT MANAGER

GARRET YOSENK
GARRET.YOSENK@FLOCKSAFETY.COM

SEE APPROVED PERMIT FOR LISTED INSPECTOR*

PASCO COUNTY SHERIFF'S OFFICE

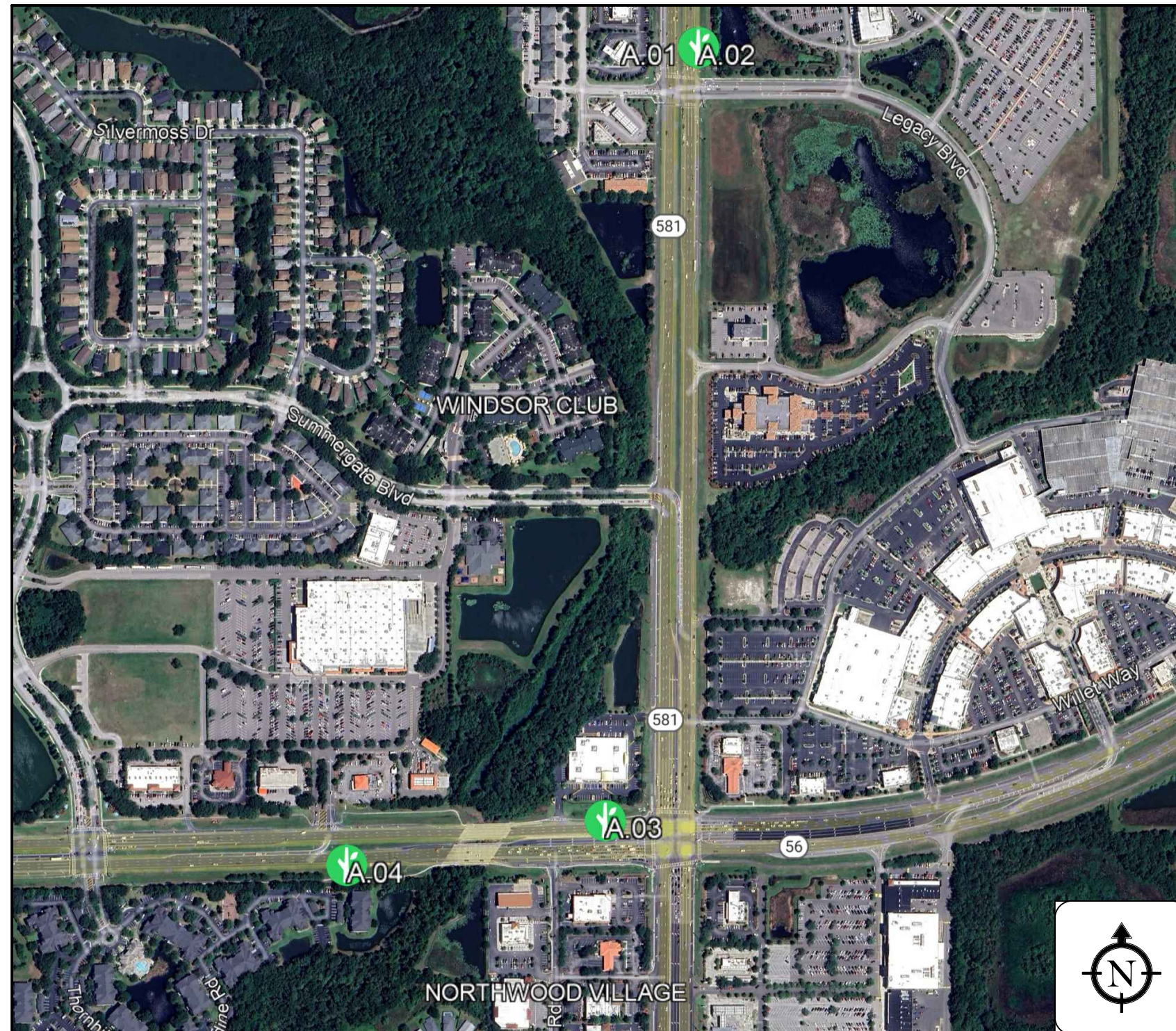
8700 CITIZENS DR NEW PORT
RICHEY FL 34654

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

DRAWING INDEX

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| 1 | 5/24/2024 | TJB | JX COMMENTS |
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FLORIDA DEPARTMENT OF
TRANSPORTATION

COVER SHEET & LOCATION MAPS

| | |
|--------|------|
| SHEET: | REV: |
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**Know what's below.
Call before you dig.**



LINETYPES

| | |
|--|----------------------|
| | RIGHT OF WAY |
| | EDGE OF PAVEMENT |
| | SIDEWALK |
| | CENTERLINE |
| | GAS |
| | WATER |
| | TELEPHONE |
| | ELECTRIC |
| | SANITARY SEWER (SEW) |
| | STORM DRAIN |
| | FENCE |
| | CABLE TV |
| | STEAM |
| | OIL |
| | UNKNOWN UTILITY |
| | RAILROAD |

SYMBOLOLOGY

| | |
|--|-------------------------|
| | CAMERA - EXISTING |
| | CAMERA - PROPOSED |
| | POLE - PROPOSED |
| | POLE - EXISTING |
| | HANDHOLE - EXISTING |
| | HANDHOLE - PROPOSED |
| | PEDESTAL - EXISTING |
| | MANHOLE - EXISTING |
| | POINT OF INTEREST |
| | ACCESS POINT |
| | CULVERT - EXISTING |
| | FIRE HYDRANT - EXISTING |
| | WATER MAIN - EXISTING |
| | WATER VALVE - EXISTING |
| | GAS VALVE - EXISTING |
| | DOWN GUY AND ANCHOR |
| | OVERHEAD GUY |
| | BORING REQUIRED |
| | UG CONDUIT - EXISTING |

ABBREVIATIONS:

| | | | |
|-------------|------------------------------|-------------|---------------------------------------|
| ABAND | Abandoned | MAX | Maximum |
| APPROX | Approximate | MB | Mailbox |
| ASPH | Asphalt | MH | Manhole |
| BLDG | Building | MIN | Minimum |
| CL | Centerline | MIT | Mitigation |
| CMP | Corrugated Metal Pipe | MKR | Marker |
| CO | County | MMV | Meet Me Vault |
| CONC | Concrete | MON | Monument |
| CSG | Casing | MOT | Maintenance of Traffic |
| CT | Count | NO | Number |
| CULV | Culvert | OC | Open Cut |
| DB | Directional Bore | PRK MTR | Parking Meter |
| DBH | Diameter at Breast Height | P/L | Property Line |
| D.D. | Down Drain | PED | Pedestal |
| DEPT | Department | PI | Point of Inflection |
| DIA | Diameter | PKG | Package |
| DIR | Directional | PVC | Polyvinyl Chloride |
| DIST | District | RCB | Reinforced Concrete Box |
| DOC | Depth of Cover | RCP | Reinforced Concrete Pipe |
| DOT | Department of Transportation | RD MEM | Roadside Memorial |
| DWG | Drawing | REQD | Required |
| DWY | Driveway | RGS | Rigid Galvanized Steel |
| E MH | Electric Manhole | ROW | Right of Way |
| E MKR | Electric Line Marker | RR | Railroad |
| E PED | Electric Pedestal | SCB | Sprinkler Control Box |
| E VLT | Electric Vault | SD | Storm Drain/Curb Inlet |
| EM | Electric Meter | SDMH | Storm Water Manhole |
| ENC | Encased | SEC. | Section |
| ENG | Engineering | SF | Silt Fence |
| EOP | Edge of Pavement | SMH | Sanitary Sewer Manhole |
| EPB | Electric Pull Box | SPL | Splice |
| EXIST | Existing | SS CO | Sanitary Sewer Clean Out |
| FDH | Fiber Distribution Hub | SS LIFT | Sanitary Sewer Lift Station |
| FDT | Fiber Distribution Terminal | STA. | Station |
| FH | Fire Hydrant | STD | Standard |
| FO | Fiber Optic | STR | Section Township Range |
| FO MH | Fiber Optic Manhole | SWPPP | Storm Water Pollution Prevention Plan |
| FO MKR | Fiber Optic Line Marker | T HH | Telecom Handhole |
| FO VLT | Fiber Optic Vault | T MH | Telecom Manhole |
| FOC | Face of Curb | T MKR | Telecom Line Marker |
| FS | Filter Sock | T PED | Telecom Pedestal |
| G MH | Gas Manhole | T VLT | Telecom Access Vault |
| G MKR | Gas Line Marker | T.P. | Trench Plug |
| G SD | Grated Storm Drain | TCB | Traffic Control Box |
| GALV | Galvanized | TCE | Temporary Construction Easement |
| GEO SRV MKR | Geodetic Survey Marker | TCV | Traffic Control Vault |
| GM | Gas Meter | TRF MH | Traffic Control Manhole |
| GV | Gas Valve | TSP | Traffic Signal Light |
| GWMW | Groundwater Monitoring Well | TYP | Typical |
| HDPE | High Density Polyethylene | UG | Underground |
| HH | Handhole | UNK MH | Unknown Manhole |
| HWY | Highway | UNK PED | Unknown Pedestal |
| I.P. | Inlet Protection | UNK UTL MKR | Unknown Utility Marker |
| ILA | In Line Amplifier | UNK VLT | Unknown Vault |
| INC | Incorporated | UTL LP | Utility Light Pole |
| INT | Intermediate | UTL P | Utility Pole |
| L/A ROW | Limited Access Right of Way | VLT | Vault |
| LF | Linear Feet | VP | Gas Vent Pipe |
| LOC MKR | Locating Marker | W MH | Water Manhole |
| LP | Light Pole | W MKR | Water Line Marker |
| | | W SPG | Water Spigot |
| | | W VLT | Water Vault |
| | | WM | Water Meter |
| | | WV | Water Valve |

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| COVER SHEET & LOCATION MAPS | |
|-----------------------------|-----------|
| SHEET: T.02 | REV: 0 |

FDOT & CONSTRUCTION NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH STATE AND LOCAL AGENCY SPECIFICATIONS UNLESS SPECIFICALLY STATED OR SHOWN OTHERWISE HEREIN.
- ALL WORK SHALL CONFORM TO ALL APPLICABLE ELECTRICAL CODES EXCEPT WHEN STATE DEPARTMENT OF TRANSPORTATION AND LOCAL AGENCY STANDARDS SUPERSEDE.
- CONTRACTOR SHALL ENSURE ALL PROPOSED EQUIPMENT INSTALLED IS IN ACCORDANCE WITH NESC REQUIREMENTS AND CLEARANCES.
- ALL CONSTRUCTION AND/OR MAINTENANCE ON THE FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY SHALL CONFORM TO THE FEDERAL MANUAL ON UNIFORM TRAFFIC DEVICES, THE FLORIDA DEPARTMENT OF TRANSPORTATION ROADWAY AND TRAFFIC DESIGN STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, FDOT DESIGN MANUAL AND DRAINAGE MANUAL.
- THE PERMITTING AGENCY RESERVES THE RIGHT TO MAKE ADJUSTMENTS TO ANY PERMITTED METHODS OF INSTALLATION, SCOPE OF WORK AND RESTORATION THAT MAY BE REQUIRED TO POSITIVELY SUPPORT LIFE, SAFETY AND ENVIRONMENTAL WELL BEING OF ALL USERS OF THE TRANSPORTATION SYSTEM.
- SHOULD A CONFLICT ARISE BETWEEN THE DETAILS SHOWN IN THE PLANS AND THE DEPARTMENT OF TRANSPORTATION STANDARDS, THE ENGINEER/PERMITTEE SHALL IMMEDIATELY CONFER WITH THE DEPARTMENT'S ENGINEER IN ORDER TO RESOLVE THE DISCREPANCY. IN NO CASE WILL ANYTHING LESS THAN THE DEPARTMENTS MINIMUM STANDARDS BE ALLOWED.
- FLOCK SAFETY SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES 48 HOURS PRIOR TO CONSTRUCTION.
 - INSTALLS INVOLVING FLOCK SAFETY PROVIDED POLES, A MINIMUM OF 2' SEPARATION SHALL BE MAINTAINED FROM ALL EXISTING UTILITIES AND STORM DRAIN STRUCTURES.
- THE PERMITTED WORK SCHEDULE IS DEFINED AS MONDAY THROUGH FRIDAY 7:00AM TO 5:30PM UNLESS OTHERWISE NOTED WITHIN THE PERMIT. ANY WORK DESIRED OUTSIDE OF THIS PERIOD MUST BE REQUESTED IN ADVANCE AND APPROVED BEFORE WORKING THE ALTERNATE SCHEDULE.
- MAINTENANCE OF TRAFFIC SIGNS (STANDARD PLAN 102-660) IN PLACE PRIOR TO PATHWAY BEING AFFECTED. ACCORDANCE WITH MUTCD AND LOCAL STANDARDS AS REQUIRED.
- WORK INVOLVING TEMPORARY LANE CLOSURES ARE TO BE DONE BETWEEN THE HOURS OF 8:00AM AND 5:00PM. MONDAY THROUGH FRIDAY UNLESS OTHERWISE STATED BY THE DEPARTMENT OF TRANSPORTATION.
- CONTRACTOR SHALL PROVIDE SAFE ACCESS PER CURRENT FDOT STANDARDS FOR ALL PEDESTRIAN TRAFFIC REGULATIONS ON ALL EXCAVATIONS OPENED IN THE TRAFFIC ZONE CONTROL AREA.
- NO PEDESTRIAN PATHWAY IS TO BE REMOVED, BLOCKED, OR DISTURBED WITHOUT HAVING A SUFFICIENT DESIGNATED TEMPORARY PEDESTRIAN PATHWAY WITH ALL APPROPRIATE PEDESTRIAN MAINTENANCE OF TRAFFIC SIGNS IN PLACE PRIOR TO PATHWAY BEING AFFECTED.
 - ALL TEMPORARY PEDESTRIAN PATHWAYS MUST BE FIRM AND UNYIELDING.
- CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTY IN THE VICINITY OF THE CONSTRUCTION.
- NO WORK SHALL BE PERFORMED DURING THE WEEKS OF ANY STATE OR FEDERAL HOLIDAYS UNLESS OTHERWISE APPROVED BY THE FLORIDA DEPARTMENT OF TRANSPORTATION.
- ALL WORK ZONES ARE TO BE SET UP AND MAINTAINED BY SOMEONE WHO HAS THE FLORIDA DEPARTMENT OF TRANSPORTATION ADVANCED TRAFFIC CONTROL LEVEL TRAINING OR EQUIVALENT PER FDOT SPECIFICATIONS.
- THE PERMITTING AGENCY RETAINS THE RIGHT TO MAKE ALTERATIONS TO THE PERMIT, ATTACHED SKETCH OR CHARACTER OF WORK AS MAY BE CONSIDERED NECESSARY OR DESIRABLE DURING THE PROGRESS OF THE WORK FOR SATISFACTORY COMPLETION OF THE PROPOSED CONSTRUCTION.
- THE PERMITTEE SHALL NOTIFY THE PERMITTING AGENCY OF DATE OF COMPLETION, REQUEST A FINAL INSPECTION AND A NOTICE OF FINAL ACCEPTANCE.
- IF THE PROPOSED CANNOT BE INSTALLED PER THE APPROVED PERMITTED PLAN AND BY FDOT SPECIFICATIONS, A REVISED PLAN MUST BE PROVIDED TO THE DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO THE INSTALLATION OF PRODUCTS OR MATERIALS AT THE GIVEN LOCATIONS WHERE CONFLICTS OCCUR.
- CONTRACTOR SHALL RESTORE RIGHT-OF-WAY TO EQUAL OR BETTER CONDITION UPON COMPLETION OF WORK AND TO THE SATISFACTION OF THE STATE DEPARTMENT OF TRANSPORTATION AND LOCAL AGENCY AT NO ADDITIONAL COMPENSATION.
 - RESTORATION MAY INCLUDE BUT IS NOT LIMITED TO GRADING AND SODDING IN ANY DISTURBED AREA.
 - ANY SIDEWALK DISTURBED WILL BE REPLACED BY SECTION WITHIN 72 HOURS TO THE STATE DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.
- IT WILL BE THE RESPONSIBILITY OF THE PERMITTEE TO REPAIR ANY DAMAGE TO FDOT FACILITIES AND/OR PRIVATE PROPERTY CAUSED BY CONSTRUCTION OF THE PROJECT.
- ALL ROADWAY PAVEMENT, CURBS, GUTTERS AND STORM WATER COLLECTORS WILL BE KEPT FREE OF MUD AND OTHER DEBRIS AT ALL TIMES DURING CONSTRUCTION.
- NO STOCKPILING, STORING OR SEMI PERMANENT USE OF THE RIGHT OF WAY IS AUTHORIZED UNLESS SPECIFICALLY IDENTIFIED WITHIN THE PERMIT.
- THE CONTRACTOR SHALL HAVE AN AUTHORIZED PERSON AVAILABLE AT/OR NEAR THE WORK SITE TO ADDRESS EMERGENCY ISSUES ASSOCIATED WITH THE PROJECT.
- LANE CLOSURE NEEDS TO ACCOMMODATE FOR A BIKE LANE IF THE ROADWAY CONSISTS OF ONE.

ADA COMPLIANCE NOTES:

- ALL SIDEWALK CONSTRUCTION SHALL BE IN ACCORDANCE WITH ADA TITLE II AND ALL STATE DEPARTMENT OF TRANSPORTATION AND LOCAL STANDARDS. USE STATE DEPARTMENT OF TRANSPORTATION CURRENT EDITION STANDARDS FOR PEDESTRIAN CONTROL PLANS FOR CLOSURE OF SIDEWALK.
- MINIMUM SIDEWALK CLEAR PEDESTRIAN ACCESS ROUTE (PAR) IS 48" WIDE.
- NO OBSTRUCTION IS PERMITTED ALONG THE WIDTH OF THE SIDEWALK UP TO 7'-0" IN HEIGHT.

DRAWINGS

- THE WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE FOLLOWING ATTACHED DRAWINGS THAT ARE HEREBY MADE A PART OF THE STATEMENT OF WORK, BY THIS REFERENCE.

SPECIFICATIONS

- THE WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE SPECIFICATIONS CONTAINED IN THAT CERTAIN "MASTER AGREEMENT, OUTSIDE PLANT MAINTENANCE CONSTRUCTION SERVICES," PROVIDED THAT SUCH AN AGREEMENT EXISTS BETWEEN FLOCK SAFETY AND CONTRACTOR. IN THE ABSENCE OF SUCH AN AGREEMENT, THE SPECIFICATIONS CONTAINED IN AN AGREEMENT TO BE EXECUTED BY THE PARTIES PRIOR TO THE COMMENCEMENT OF WORK SHALL GOVERN.

MATERIALS

- INSTALLER SHALL RECEIVE FLOCK SAFETY MATERIALS AT A FLOCK SAFETY LEASED WAREHOUSE FACILITY OR AT THE LOCAL TSO LOCATED AT (CONTACT 24 HOURS IN ADVANCE): 1170 HOWELL MILL RD NW, ATLANTA, GA 30318.
 - ALL UNUSED AND REQUESTED SALVAGED MATERIAL TO BE RETURNED TO SAME ADDRESS.
- THE RECEIPT OF ALL MATERIALS SHALL BE CONSTRUED AS CONCLUSIVE EVIDENCE THAT THE CONTRACTOR HAS MADE ALL NECESSARY EXAMINATION AND INSPECTIONS, AND IS SATISFIED AS TO THE QUALITY AND QUANTITY OF MATERIALS RECEIVED.
- ANY AND ALL MATERIALS THAT MAY BECOME LOST, STOLEN OR DAMAGED SHALL BE REPLACED BY THE CONTRACTOR AT HIS SOLE EXPENSE, AND ANY DELAY INCURRED SHALL NOT BE CAUSE FOR AN EXTENSION IN TIME

SAFETY AND PRECAUTIONS

- ALL PERSONNEL ARE REQUIRED TO ABIDE BY ALL RULES AND REGULATIONS SET FORTH IN THE FLOCK SAFETY REQUIREMENTS, RAILROAD SAFETY CODE AND GOVERNING JURISDICTION.
- THE WORK UNDER THIS INSTALLATION WILL BE CONSTRUCTED ALONG RIGHTS OF WAY THAT MAY CONTAIN EXISTING AND OPERATIONAL UTILITIES. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR LOCATING EXISTING UTILITIES AND FOR COMPLIANCE WITH THE REQUIREMENTS OF ANY STATEWIDE AND/OR LOCAL AREA IN ADVANCE OF ANY EXCAVATION, BORING OR PLACING WORK AND THE CONTRACTOR SHALL LOCATE AND EXPOSE BY HAND ALL EXISTING SUBSURFACE PLANT. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT HIS SOLE EXPENSE AND ANY DELAY INCURRED SHALL NOT BE CAUSE FOR AN EXTENSION IN THE TIME OF THE CONTRACT.
- INSTALLER SHALL BE RESPONSIBLE FOR THE PROTECTION AND MAINTENANCE OF PUBLIC AND PRIVATE PROPERTIES. INSTALLER SHALL PROTECT, SHORE, BRACE, SUPPORT AND MAINTAIN ALL UNDERGROUND PIPES, CONDUITS, DRAINS AND OTHER SUBSURFACE STRUCTURES UNCOVERED OR OTHERWISE AFFECTED BY THE WORK.
- INSTALLER SHALL BE RESPONSIBLE FOR ALL DAMAGE TO STREETS, ROADS, HIGHWAYS, SHOULDERS, DITCHES, EMBANKMENTS, CULVERTS, BRIDGES OR OTHER PUBLIC OR PRIVATE PROPERTY OR FACILITY, REGARDLESS OF LOCATION OR CHARACTER, WHICH MAY BE CAUSED BY THE WORK, OR BY MOVING, HAULING, OR OTHERWISE TRANSPORTING EQUIPMENT, MATERIALS OR WORKERS TO OR FROM WORK OR ANY SITE THEREOF, WHETHER BY THE CONTRACTOR OR SUBCONTRACTORS.

STAKING AND SCHEDULING

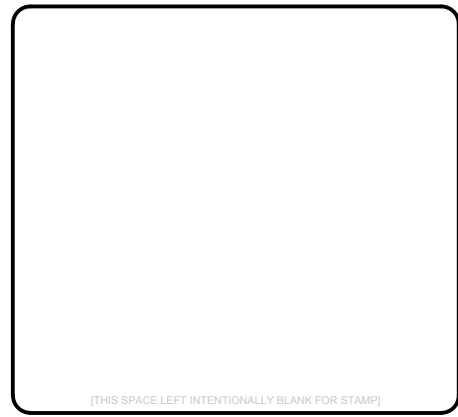
- ALL STAKING WILL BE PROVIDED BY FLOCK SAFETY. REQUIRED RIGHT OF WAY CLEARING SHALL BE COMPLETED PRIOR TO STAKING; THEREFORE, THE INSTALLER SHALL COORDINATE ALL CLEARING AND PLACING OPERATIONS WITH THE FLOCK SAFETY PROJECT SUPERVISOR TO AVOID DELAYS AND INTERFERENCE.
- FLOCK SAFETY WILL PROVIDE RAILROAD, FLAGMEN AND SIGNALMEN AS REQUIRED; HOWEVER, THE CONTRACTOR SHALL BE REQUIRED TO COORDINATE ITS NEEDS FOR SUCH SIGNALMEN AND FLAGMEN WITH FLOCK SAFETY.
- IN ADDITION TO THE SCHEDULING REQUIREMENTS IN THE FDOT PROVISIONS, UPON REQUEST THE CONTRACTOR SHALL ALSO SUBMIT TO THE FLOCK SAFETY PROJECT SUPERVISOR, DAILY CREW ASSIGNMENT REPORTS SPECIFYING CREW AND CREW COMPOSITION AND WORK LOCATION.

PERMITS

- FLOCK SAFETY HAS OBTAINED OR WILL OBTAIN PERMITS FROM DEPARTMENTS AND/OR AGENCIES OF CITIES, COUNTIES, STATES, FEDERAL GOVERNMENT, RAILROAD OR OTHER ENTITIES, WHICH PROVIDE FOR THE PLACING OF PIPES AND/OR CABLE UNDER DITCH, TRACKS AND ROADS AND PLACING PIPES AND/OR CABLE ALONG AND WITHIN PUBLIC OR PRIVATE ROAD RIGHTS OF WAY AND RAILROAD RIGHTS.
- CONTRACTOR SHALL OBTAIN ADDITIONAL PERMITS, IF REQUIRED, FOR EQUIPMENT ACCESS OR MOVEMENT ON PUBLIC ROADS AND RAILROADS. COPIES OF SUCH PERMITS SHALL BE FURNISHED TO FLOCK SAFETY. ALL TRAFFIC CONTROL, IF APPLICABLE, SHALL BE IN ACCORDANCE WITH LOCAL, STATE, COUNTY, OR PERMITTING AGENCY LAWS, REGULATIONS, AND REQUIREMENTS, AND WILL BE THE CONTRACTOR'S RESPONSIBILITY. TRAFFIC CONTROL PLANS PROVIDED BY CURRENT FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS.

SCOPE OF WORK

- THIS PROJECT SHALL CONSIST OF THE FOLLOWING OPERATIONS: THE WORK PACKAGE IS FOR THE INSTALLATION OF FLOCK SAFETY ALPR CAMERAS WHICH INCLUDES BUT IS NOT LIMITED TO: FLOCK SAFETY PROVIDED POLES, POLE MOUNTED SOLAR PANELS, AND EXTERNAL BATTERY PACKAGES.

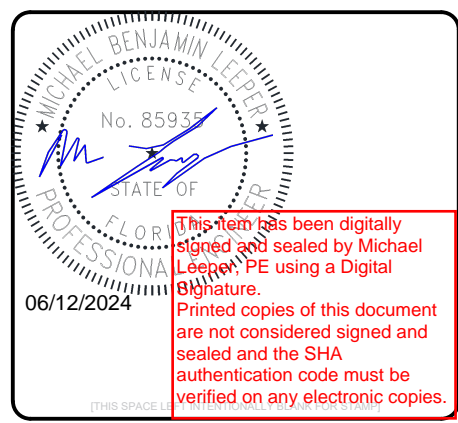


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| SHEET: GN.01 | REV: 0 |

LOCATION DATA

| SHEET | Name | Latitude | Longitude | Nearest Address | Product | Pole | External Battery |
|-------|---|------------------|-------------------|--|---------|-----------------------------|-----------------------|
| A.01 | #52 Bruce B Downs Blvd @Lagay Blvd (Lanes 1&2) NB | 28.1941648657680 | -82.3533033001394 | 27991 Vanguard St, Zephyrhills, Florida, 33544 United States | Falcon | X2 Redi Torque - Soil Plate | External Battery Pack |
| A.02 | #53 Bruce B Downs Blvd @Lagay Blvd (Lanes 2&3) NB | 28.1941648657680 | -82.3533033001394 | 27991 Vanguard St, Zephyrhills, Florida, 33544 United States | Falcon | X2 Redi Torque - Soil Plate | External Battery Pack |
| A.03 | #54 SR56 @Bruce B Downs WB | 28.1860212570106 | -82.3544182462550 | Private, Wesley Chapel, Florida, 33544 United States | Falcon | X2 Redi Torque - Soil Plate | External Battery Pack |
| A.04 | #55 SR56 @Bruce B Downs Lanes EB | 28.1855513039925 | -82.3575186877454 | 27739 State Rd 56, Wesley Chapel, Florida, 33544 United States | Falcon | X2 Redi Torque - Soil Plate | External Battery Pack |

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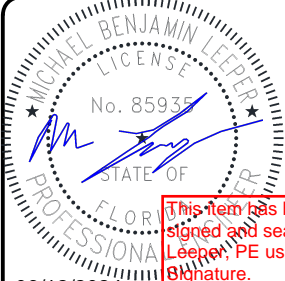
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COVER SHEET & LOCATION MAPS

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PROPOSED FLOCK EQUIPMENT ON PROPOSED REDI-TORQUE POLE

#52 BRUCE B DOWNS BLVD @ LAGAY BLVD (LANES 1&2) NB

28.194164865768084,-82.35330330013943

13' FROM EDGE OF TRAVEL LANE

FDOT ACCESS PERMIT: 2023-K-798-00060

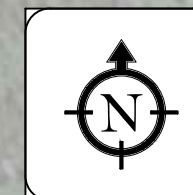
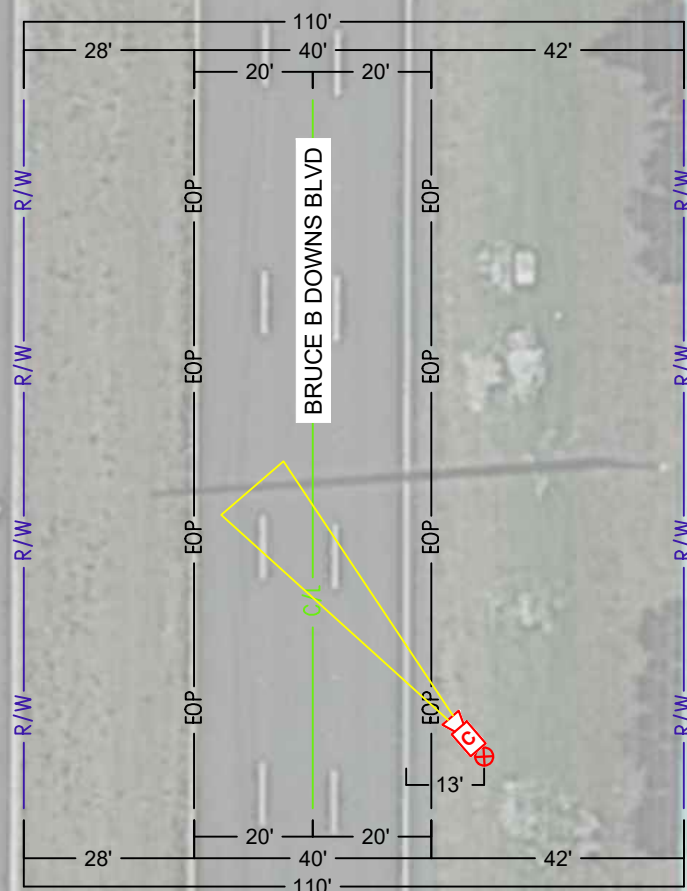
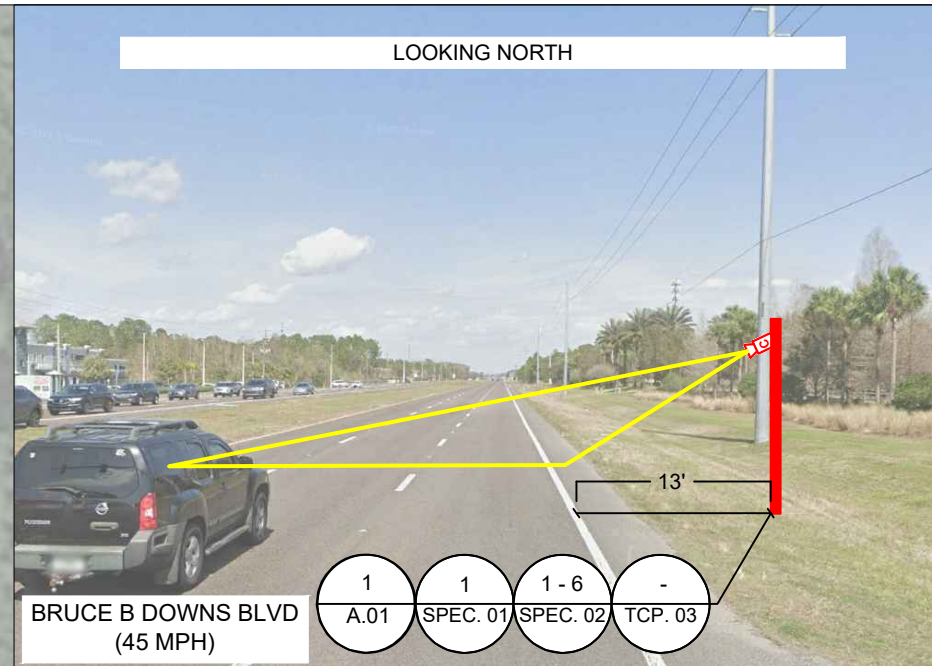
FDOT HIGHWAY SEGMENT # 14 610 000

SR 581 MP: 1.546

ACCESS CLASSIFICATION: 5

1

*REFERENCE TYPICAL DETAIL ON SHEET SPEC.01



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PROPOSED FLOCK EQUIPMENT ON PROPOSED REDI-TORQUE POLE

#53 BRUCE B DOWNS BLVD @ LAGAY BLVD (LANES 2&3) NB

28.194164865768084,-82.35330330013943

13' FROM EDGE OF TRAVEL LANE

FDOT ACCESS PERMIT: 2023-K-798-00060

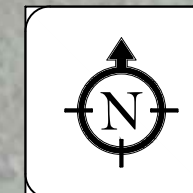
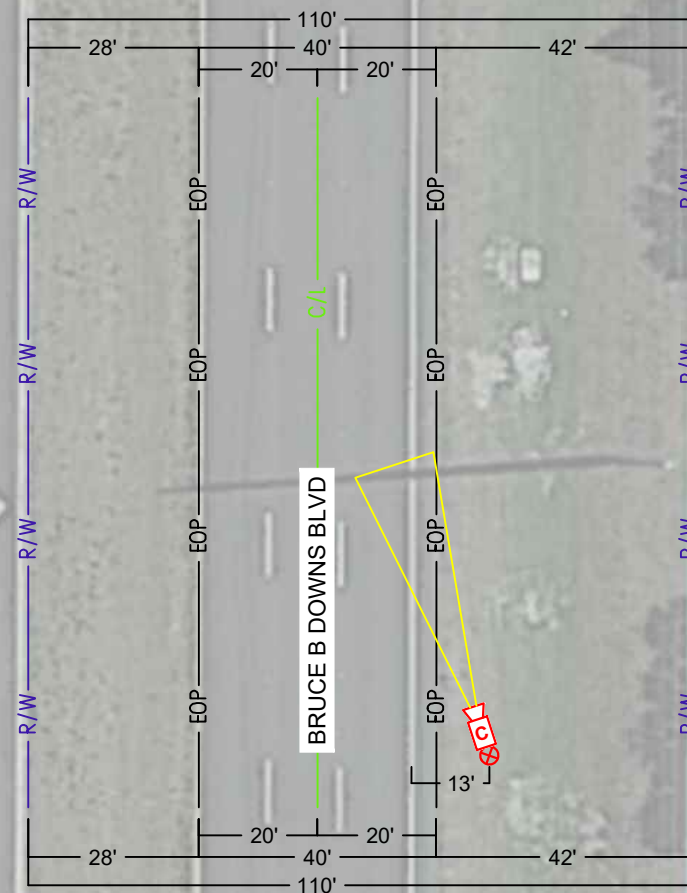
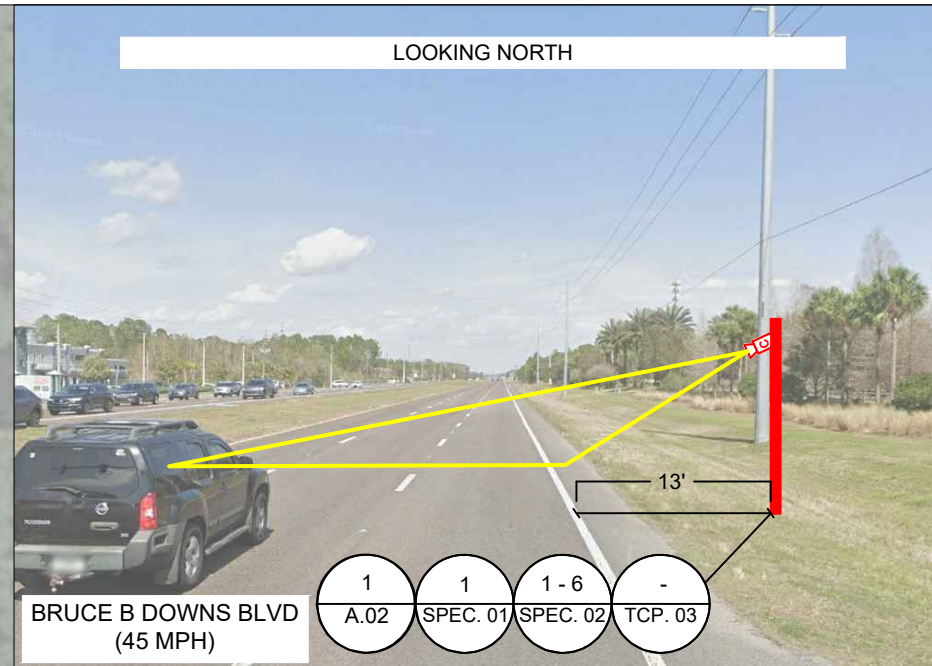
FDOT HIGHWAY SEGMENT # 14 610 000

SR 581 MP: 1.546

ACCESS CLASSIFICATION: 5

1

*REFERENCE TYPICAL DETAIL ON SHEET SPEC.01



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PASCO COUNTY SHERIFF'S OFFICE

8700 CITIZENS DR NEW PORT
RICHEY FL 34654

flock safety

1170 HOWELL MILL ROAD SUITE 210
ATLANTA, GA 30318

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| 1 | 5/24/2024 | TJB | JX COMMENTS |
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LICENSE PLATE READER CAMERA
INSTALLATION

CASE NUMBER: 416780
PERMITTING JURISDICTION:
FLORIDA DEPARTMENT OF
TRANSPORTATION

COVER SHEET & LOCATION MAPS

| SHEET: | REV: |
|--------|------|
| A.02 | 0 |

PROPOSED FLOCK EQUIPMENT ON PROPOSED REDI-TORQUE POLE

#54 SR 56 @ BRUCE B DOWNS WB

28.186021257010616,-82.35441824625508

12' FROM EDGE OF TRAVEL LANE

FDOT ACCESS PERMIT: 2023-K-798-00067

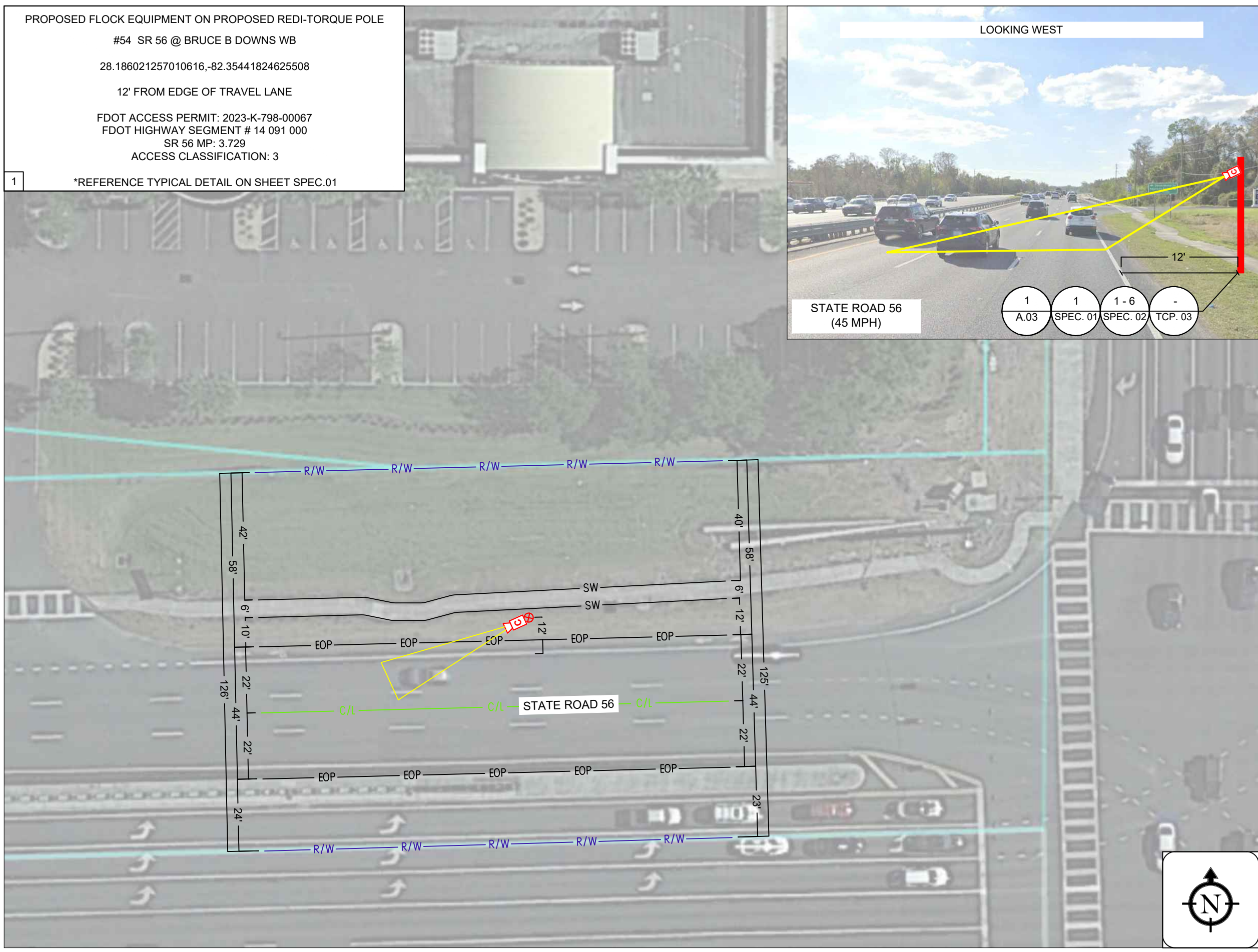
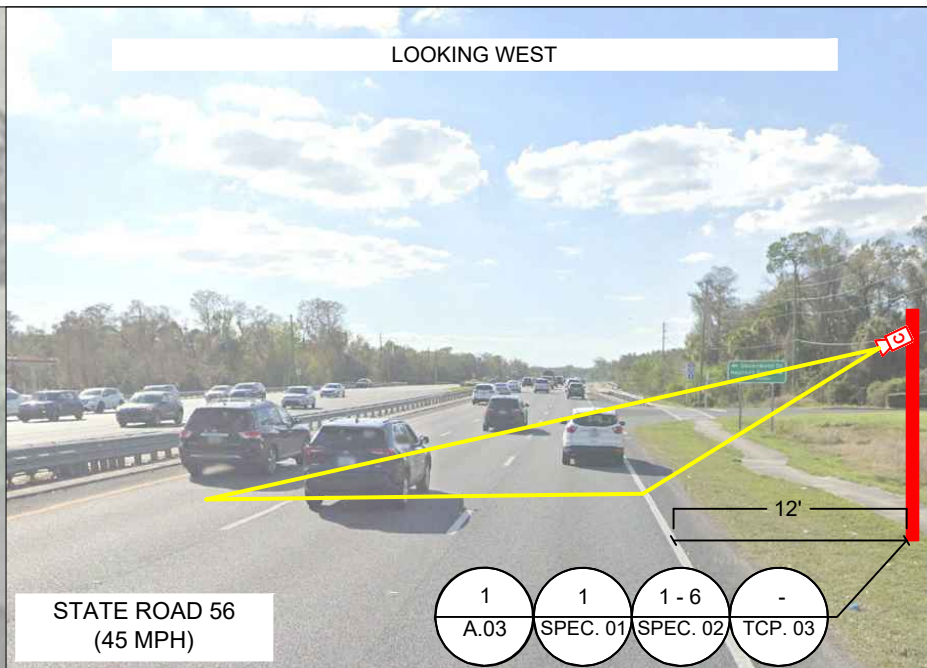
FDOT HIGHWAY SEGMENT # 14 091 000

SR 56 MP: 3.729

ACCESS CLASSIFICATION: 3

1

*REFERENCE TYPICAL DETAIL ON SHEET SPEC.01



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LICENSE PLATE READER CAMERA INSTALLATION

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COVER SHEET & LOCATION MAPS

| | |
|----------------|-----------|
| SHEET: A.03 | REV: 0 |
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PROPOSED FLOCK EQUIPMENT ON PROPOSED REDI-TORQUE POLE

#55 SR 56 @ BRUCE B DOWNS LANES EB

28.185551303992572,-82.35751868774544

12' FROM EDGE OF TRAVEL LANE

FDOT ACCESS PERMIT: 2023-K-798-00068

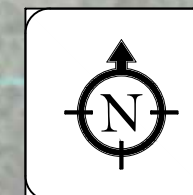
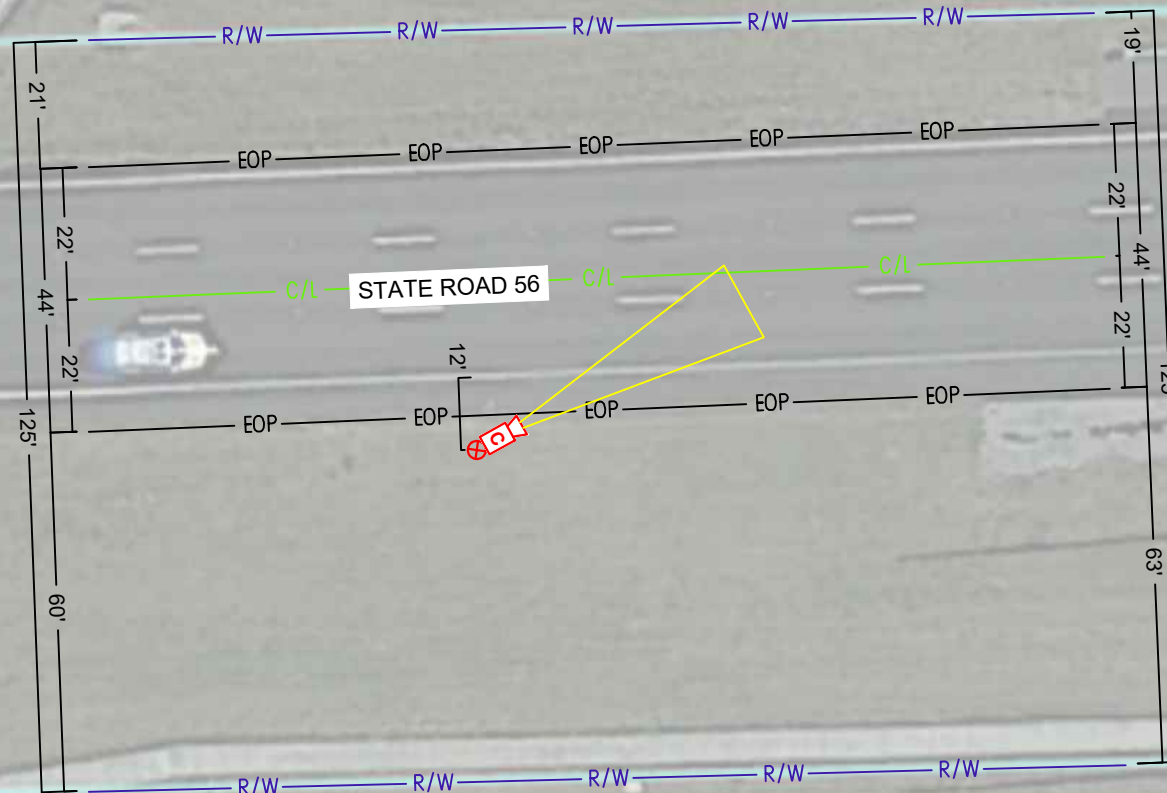
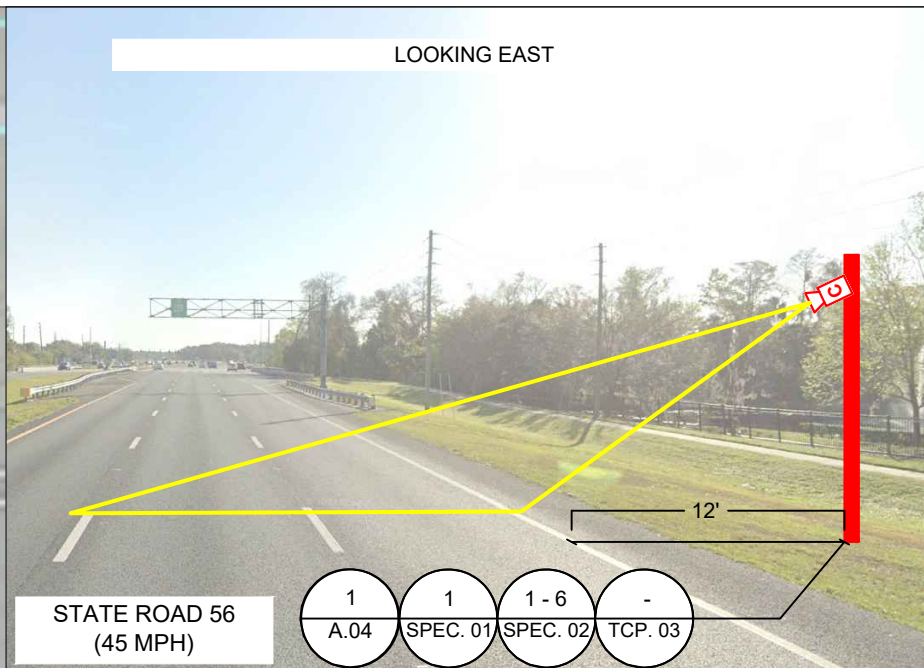
FDOT HIGHWAY SEGMENT # 14 091 000

SR 56 MP: 3.729

ACCESS CLASSIFICATION: 3

1

*REFERENCE TYPICAL DETAIL ON SHEET SPEC.01



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LICENSE PLATE READER CAMERA INSTALLATION

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TRANSPORTATION

COVER SHEET & LOCATION MAPS

| SHEET: | REV: |
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| A.04 | 0 |

DESIGN NOTES

1. POLE AND FOUNDATIONS ARE DESIGNED IN ACCORDANCE WITH THE FOLLOWING CODES:
 - 1.1. 2023 FLORIDA BUILDING CODE, 2021 INTERNATIONAL BUILDING CODE.
 - 1.2. AASHTO LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORT FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS LATEST EDITION.
 - 1.2.1. CERTAIN SECTIONS OF THE SPECIFICATIONS ABOVE ARE SUPERCEDED/MODIFIED BY "FDOT MODIFICATIONS TO LRFDLTS-1" THIS CAN BE FOUND AT THE FOLLOWING HYPERLINK (CLICK HERE FOR FDOT MODIFICATIONS TO LRFDLTS-1)
 - 1.3. FDOT STANDARD SPECIFICATIONS 700-3.1
2. POLE ANALYSIS AND FOUNDATION DESIGN ARE BASED ON THE FOLLOWING CRITERIA:
 - 2.1. DESIGN WIND SPEED (VULT): (SEE SECTION 2.6)
 - 2.2. RISK CATEGORY: 2
 - 2.3. EXPOSURE CATEGORY: C
 - 2.4. TOPOGRAPHIC CATEGORY: 1
 - 2.5. SEISMIC DESIGN CRITERIA:
 - 2.5.1. SPECTRAL RESPONSE, SS: .07 (MAXIMUM)
 - 2.5.2. SPECTRAL RESPONSE, S1: .04 (MAXIMUM)
 - 2.5.3. SEISMIC DESIGN CATEGORY: D
 - 2.6. STRUCTURE BASE REACTIONS ARE CALCULATED AS FOLLOWS:

| DESIGN WIND SPEED (MPH) | MOMENT (LB-FT) | SHEAR (LB) | AXIAL (LB) |
|-------------------------|----------------|------------|------------|
| 120 | 2379 | 253 | 121 |
| 130 | 2791 | 297 | 121 |
| 140 | 3236 | 344 | 121 |
| 150 | 3714 | 395 | 121 |
| 160 | 4223 | 450 | 148 |
| 170 | 4767 | 507 | 148 |

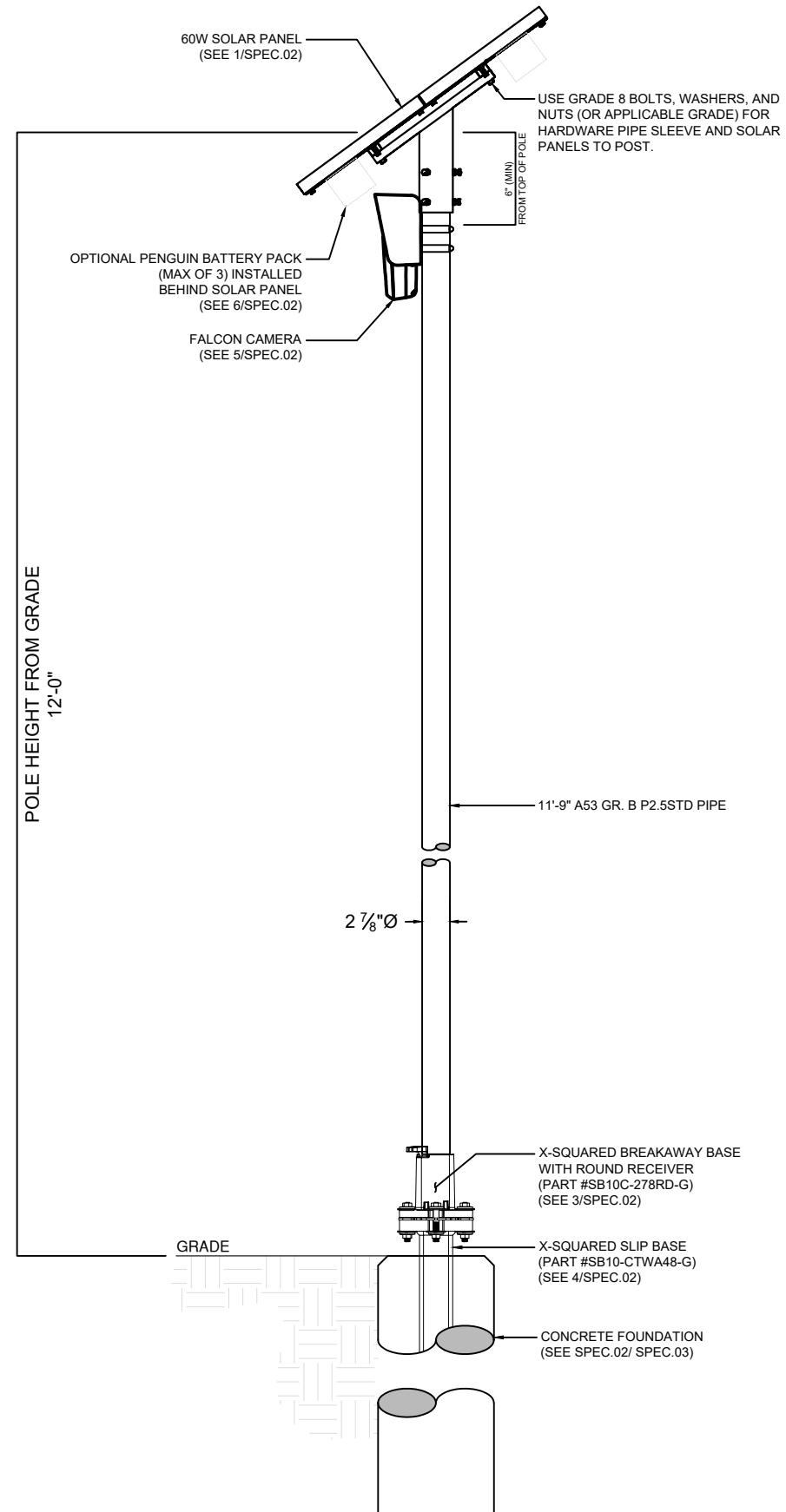
- 2.7. SHOULD ANY OF THE SITE-SPECIFIC PARAMETERS BE HIGHER THAN WHAT IS NOTED ABOVE, THE EOR SHALL BE CONTACTED TO PROVIDE A REVISED DESIGN.
3. POLE STRUCTURE SHALL BE INSTALLED ON A FOUNDATION WITH FLAT BEARING SURFACE. THE TOP OF THE TOP OF THE FOUNDATION OUTSIDE OF THE BASE PLATE FOOTPRINT SHALL BE SLOPED BETWEEN 1" AND 3" TO ALLOW FOR ADEQUATE DRAINAGE.
4. CALCULATIONS OF THE PROPOSED DESIGN ARE IN ACCORDANCE WITH ASCE 7-16, 2021 IBC, AND TIA-222-H CODE REQUIREMENTS.

GENERAL & CONSTRUCTION NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT 811 TO LOCATE ALL UNDERGROUND UTILITIES 48 HOURS PRIOR TO CONSTRUCTION START DATE.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR APPLYING AND OBTAINING APPROVED TRAFFIC CONTROL PLAN(S) IN ACCORDANCE WITH MUTCD AND LOCAL JURISDICTION STANDARDS AS REQUIRED.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESTORATION OF ANY DISTURBED AREAS TO ORIGINAL CONDITION TO STATE DEPARTMENT OF TRANSPORTATION AND LOCAL JURISDICTION AT NO ADDITIONAL COMPENSATION.
4. ALL WORK SHALL ABIDE BY ALL APPLICABLE NATIONAL ELECTRICAL CODES EXCEPT WHEN THE STATE DEPARTMENT OF TRANSPORTATION AND LOCAL JURISDICTION STANDARDS SUPERSEDE.
5. POLE SHOULD BE GROUNDED TO A SOLID BARE BOND GROUNDING & GROUNDING ROD (OR COIL 25' OF #6 BARE COPPER) IN POLE FOUNDATION AND BACK TO PROPOSED FLOCK EQUIPMENT.
6. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH STATE DEPARTMENT OF TRANSPORTATION AND LOCAL JURISDICTION SPECIFICATIONS UNLESS SPECIFICALLY STATED OR SHOWN OTHERWISE HEREIN.
7. CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE THE SOIL TYPE AND SUITABILITY REQUIREMENTS PRIOR TO CONSTRUCTION PER PROJECT MANAGER DIRECTIVE.
8. CONTRACTOR SHALL COMPLY WITH OSHA'S STANDARDS 29 CFR PART 1926, SUBPART CC FOR VERTICAL AND HORIZONTAL CLEARANCES TO THE OVERHEAD DISTRIBUTION AND TRANSMISSION POWER LINES.

ADA COMPLIANCE NOTES

1. ALL SIDEWALK CONSTRUCTION SHALL BE IN ACCORDANCE WITH ADA TITLE II AND ALL STATE DEPARTMENT OF TRANSPORTATION AND JURISDICTIONAL STANDARDS.
2. USE STATE SPECIFIC DEPARTMENT OF TRANSPORTATION CURRENT EDITION STANDARDS FOR PEDESTRIAN CONTROL PLANS FOR SIDEWALK AND WALKWAY CLOSURES.
3. MINIMUM SIDEWALK CLEARANCE FOR PEDESTRIAN ACCESS ROUTE (PAR) IS 48" WIDE.
4. MINIMUM CLEARANCE OF ANY PROPOSED EQUIPMENT ALONG THE WIDTH OF THE SIDEWALK IS 7'-0" IN HEIGHT.



1 POLE ELEVATION DETAIL
SCALE: N/A

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8700 CITIZENS DR NEW PORT
RICHEY FL 34654

frock safety
1170 HOWELL MILL ROAD SUITE 210
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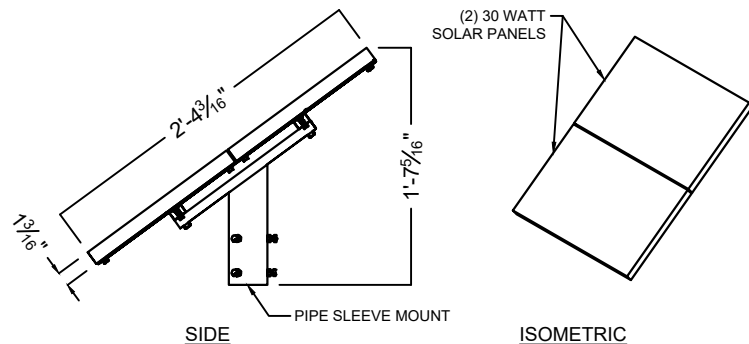
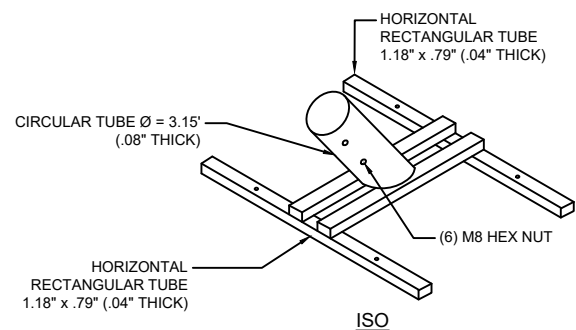
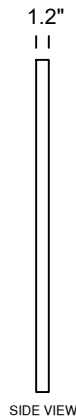
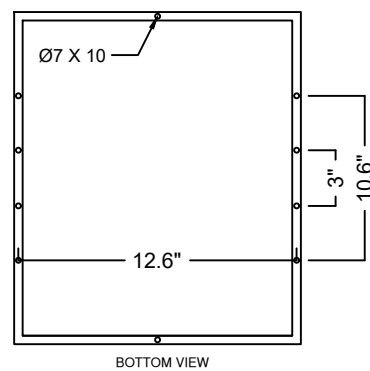
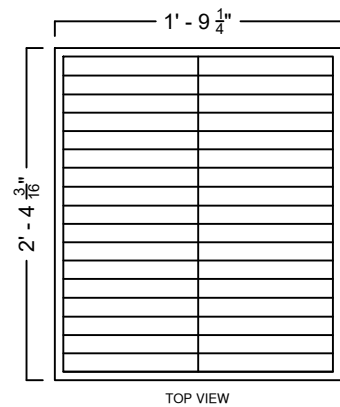
LICENSE PLATE READER CAMERA INSTALLATION
CASE NUMBER: 416780
PERMITTING JURISDICTION: FLORIDA DEPARTMENT OF TRANSPORTATION

| COVER SHEET & LOCATION MAPS | |
|-----------------------------|------------------|
| SHEET: SPEC.01 | REV: 0 |

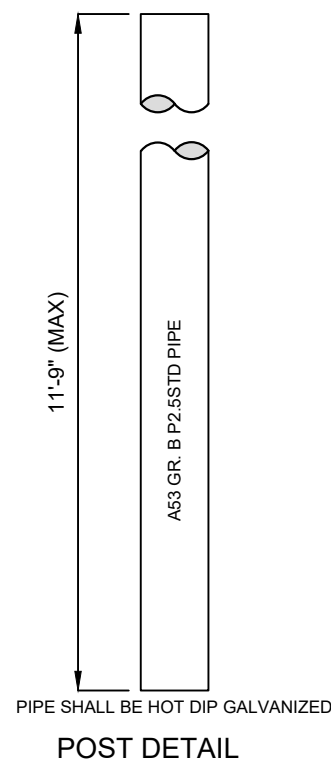
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60 WATT SOLAR PANEL AND MOUNT ASSEMBLY (TOP MOUNTED)

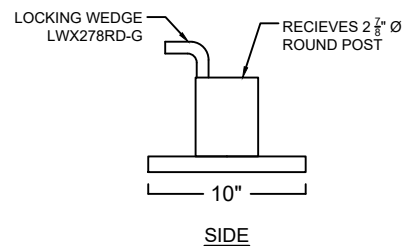
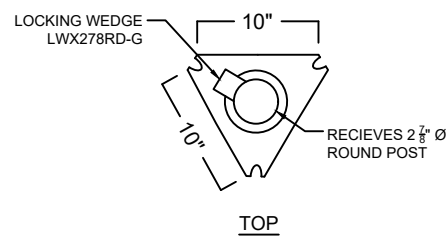
MODEL 701-00111 SUPPLIED BY FLOCK SAFETY
 WEIGHT: 25 LB. (APPROX)
 MOUNTING HARDWARE TO BE PROVIDED BY FLOCK SAFETY



2



3 REDI-TORQUE POST BASE SB10C-278RD-G

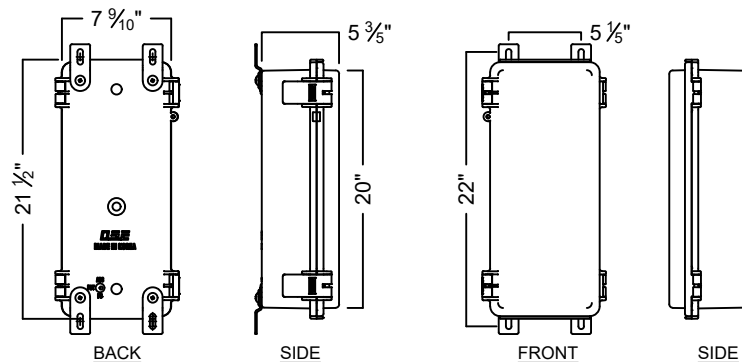


MANUFACTURER: XCESSORIES SQUARED
 PART #: SB10C-278RD-G

6

OPTIONAL EXTERNAL BATTERY PACK (MAX 3)

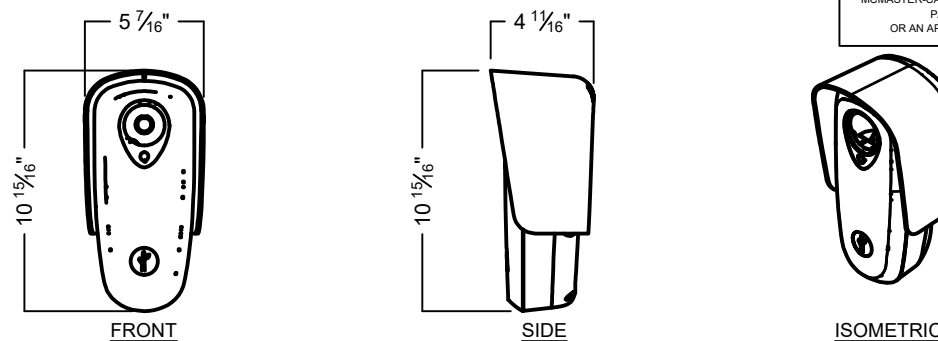
MODEL 701-00111 SUPPLIED BY FLOCK SAFETY
 WEIGHT: 3 LB. EACH (APPROX)
 MOUNTING HARDWARE: MCMASTER-CARR QUICK-RELEASE CLAMP PART #: 5322K58 OR AN APPROVED EQUIVALENT



5

AUTOMATIC LICENSE PLATE READER CAMERA DETAIL

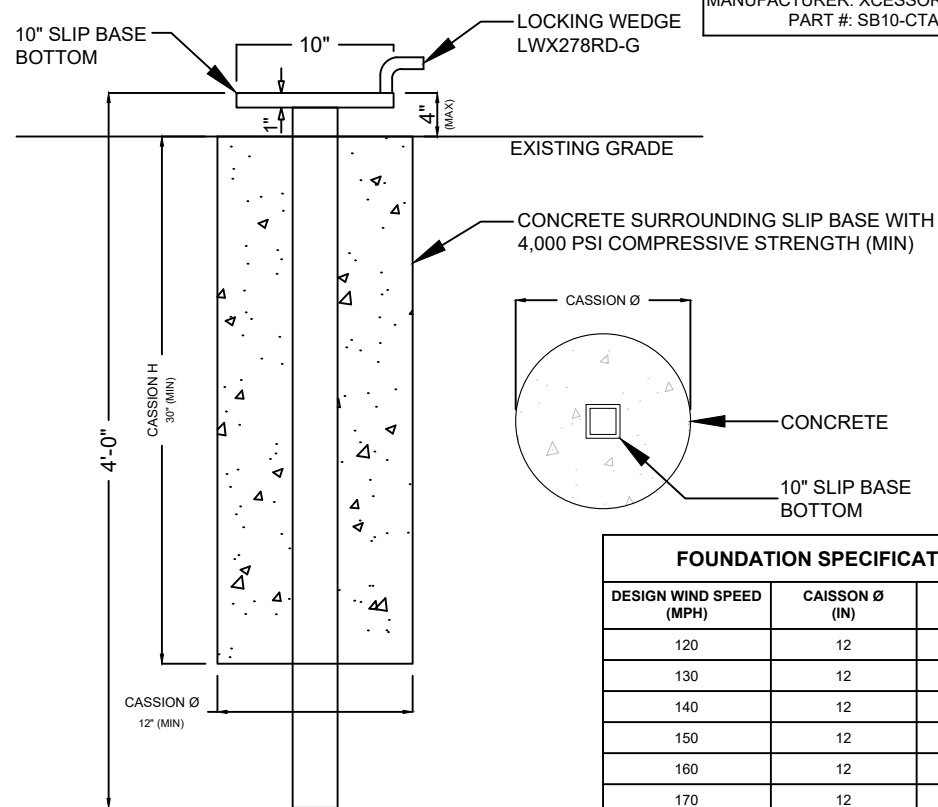
MODEL 701-0059 SUPPLIED BY FLOCK SAFETY
 WEIGHT: 5 LB. (APPROX)
 MOUNTING HARDWARE: MCMASTER-CARR QUICK-RELEASE CLAMP PART #: 5322K58 OR AN APPROVED EQUIVALENT



4

FOUNDATION DETAIL - CONCRETE CASSION OPTION

SLIP BASE BOTTOM
 MANUFACTURER: XCESSORIES SQUARED
 PART #: SB10-CTA48-G



| FOUNDATION SPECIFICATIONS | | |
|---------------------------|----------------|----------------|
| DESIGN WIND SPEED (MPH) | CAISSON Ø (IN) | CAISSON H (IN) |
| 120 | 12 | 54 |
| 130 | 12 | 60 |
| 140 | 12 | 60 |
| 150 | 12 | 66 |
| 160 | 12 | 66 |
| 170 | 12 | 72 |

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 RICHEY FL 34654

flock safety
 1170 HOWELL MILL ROAD SUITE 210
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LICENSE PLATE READER CAMERA INSTALLATION
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COVER SHEET & LOCATION MAPS
 SHEET: 0
 REV: 0

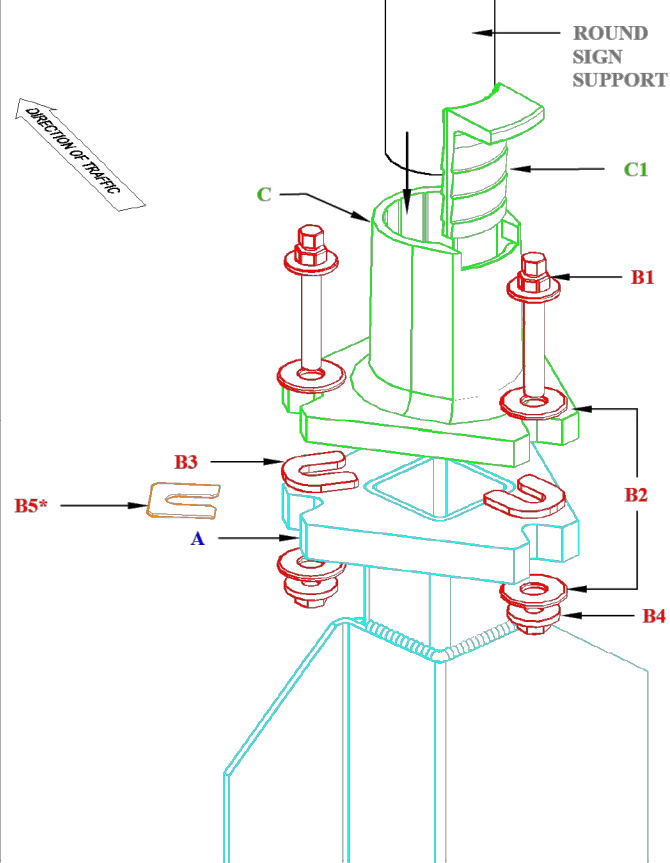
INSTALLATION GUIDE REDI-TORQUE MODEL 280 OMNI DIRECTIONAL SLIP BASE (COMBINATION ANCHOR WITH LOWER SLIP PLATE). RECEIVES ROUND SIGN SUPPORT

RT280U-RD1

MASH-16 COMPLIANT FOR INTERSECTIONS and MAINLINE ROADWAYS
NCHRP 350 CRITERIA - FHWA ACCEPTANCE LETTERS SS-134 & SS-134A

November 15, 2022

XCESSORIES SQUARED DEV. & MFG. CO., INC. AUBURN, IL 62615
TEL: (800) 621-7948 FAX: (217) 438-3917 www.x-sqrd.com



PARTS LIST

A: Unibase - Lower Slip Plate

| ITEM | QTY | DESCRIPTION |
|------|-----|-------------------------------------|
| A | 1 | Combination Anchor/Lower Slip Plate |

B: Redi-Torque Match Plate Hardware

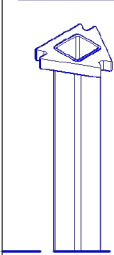
| ITEM | QTY | DESCRIPTION |
|------|-----|---|
| B1 | 3 | 1/2"-13 x 3" Gr. 8 Redi-Torque Bolt |
| B2 | 6 | 5/8" U.S.S. Flat Washer |
| B3 | 3 | 3/16" thick, Teflon Coated Slip Washer |
| B4 | 3 | 1/2"-13 Gr. 8 large diameter Flange Nut |
| B5* | 0 | 1/16" thick Leveling Shim |

* may not be necessary for every installation

C: Upper Slip Plate Sub-Assembly

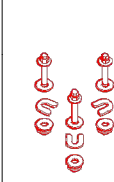
| ITEM | QTY | DESCRIPTION |
|------|-----|-------------------------------------|
| C | 1 | Top Receiver for Round Sign Support |
| C1 | 1 | Round Sign Support Locking Wedge |

STEP A



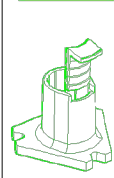
1. Install appropriate Unibase (A) plumb & squared up with road, with point of triangular slip plate facing oncoming traffic.
2. Depth of embedment to leave 2-1/2" (+1 1/2"-1/2") from grade to top of Lower Slip Plate of Unibase (A).
NOTE: For soil or concrete installation options, see details at lower left.
NOTE: If installing in concrete, auger the footing hole shallow enough to be able to drive 3-4 inches of Unibase (A) into the bottom of the hole. This will help stabilize the unit as concrete is being poured and cured while also allowing for proper drainage.
NOTE: On multi-leg installations, be sure that all Unibases are squared & lined up with each other.

STEP B



1. Place one each teflon coated Slip Washer (B3) on top of Lower Slip Plate of Unibase (A) at each notched point with open end of slot facing center of triangular slip plate. Leave enough room between the closed ends of the slot/notch to allow 1/2" Redi-Torque Bolt (B1) to pass through.
2. Place Upper Slip Plate (C) onto the three Slip Washers (B3) properly indexed so that the round post receiver notched portion is pointing toward oncoming traffic.
3. Slide 1 each 5/8" Flat Washer (B2) on to each Redi-Torque Bolt (B1) then insert Bolt (B1) with Washer (B2) down through notched points of Upper Slip Plate (C), slot of Slip Washer (B3) and notched point of Lower Slip Plate of Unibase (A).
4. Slide 1 each 5/8" Flat Washer (B2) up on exposed thread of each Bolt (B1) followed by threading 1 each 1/2" Flange Nut (B4) on to each Bolt (B1) as tight as can reasonably be attained using the 3/4" (larger) hex and NOT the 1/2" (smaller) hex.

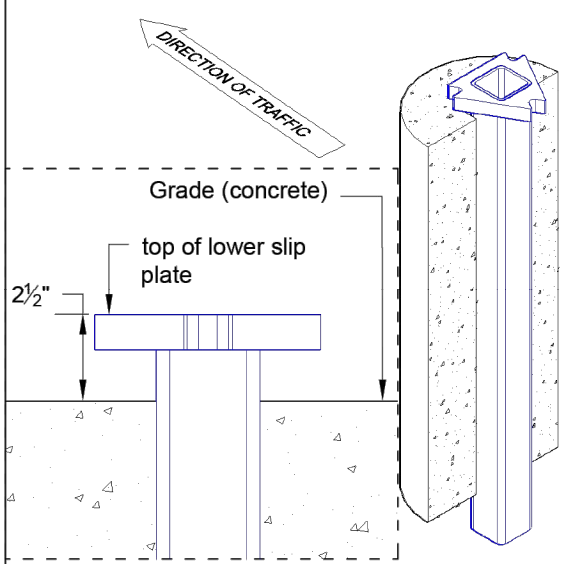
STEP C



1. Insert Round Sign Support into Upper Slip Plate (C) top receiver until support bottoms out.
2. With a hand held hammer, drive the round sign support Locking Wedge (C1) into the Slip Base Top (C) receiver at the pre-determined notch. (The Locking Wedge does not need to be driven flush with top of Upper Slip Plate receiver)
***SHIMMING:** Before moving on to step 3, check the plumb of the sign support(s). If necessary, 1/16" thick Leveling Shim(s) (B5) may be used at the appropriate point(s) between slip plates. To re-plumb, loosen Bolt (B1) at desired point enough to lean the Upper Slip Plate (C) back and slide Leveling Shim (B5) into place. Shim(s) should be placed under Teflon Coated Slip Washer. Maximum of 2 each Leveling Shims per notched point.
3. After Locking wedge (C1) is securely in place, loosen each Bolt (B1) and Nut (B4), one at a time, then retighten each Bolt (B1), using the 1/2" (smaller) hex, until the 1/16" hex head twists off from the 3/4" hex head. This will set the proper torque level of 52 ft-lbs.

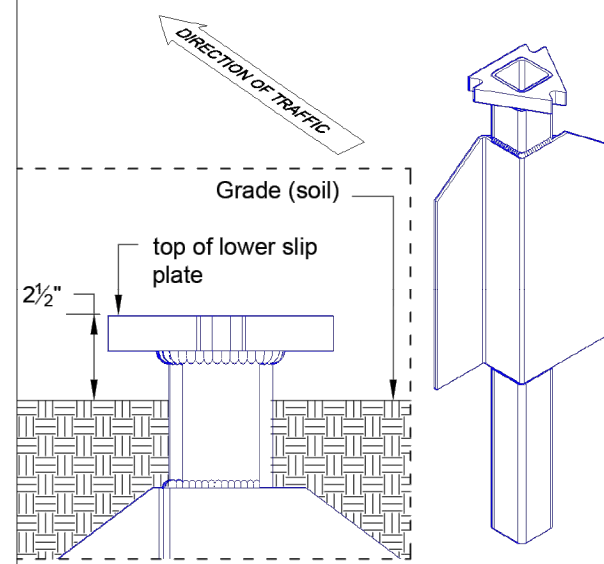
1. UP TO A MAXIMUM OF THREE OMNI DIRECTIONAL SLIP BASES WITH REDI-TORQUE MODEL 280 MATCHPLATE HARDWARE MAY BE INSTALLED WITHIN A SEVEN FOOT SPAN ON MAINLINE ROADWAY.
2. FOR ADDITIONAL WINDLOAD CAPABILITY, A HEAVIER GAUGE POST MAY BE USED.

CONCRETE INSTALLATION DETAIL

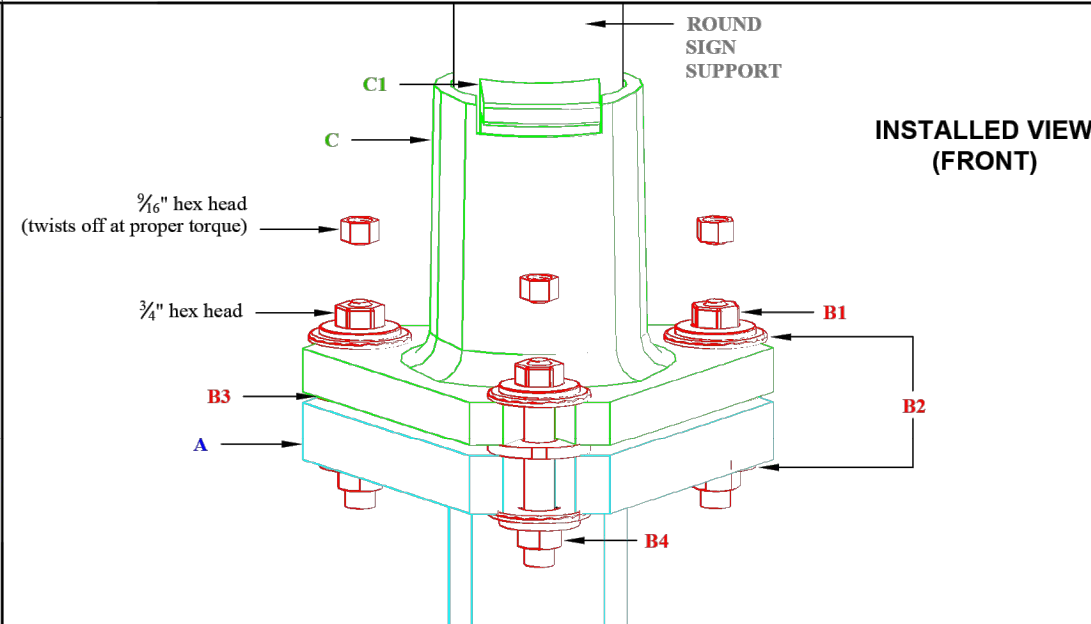


NOTE: Recommended footing size a minimum of 12" in diameter and 30" deep.

DIRECT DRIVEN SOIL INSTALLATION DETAIL



NOTE: Install with the widest bearing surface of the stabilizing wing parallel with the face of the sign.



REINSTALLATION PROCEDURE:

- NOTE:** All match plate hardware components are generally reusable except the Redi-Torque Bolts (B1)
1. Remove sign support Locking Wedge (C1) from Upper Slip Plate (C) receiver with a hand held hammer.
 2. Place Upper Slip Plate (C) on Lower Slip Plate of Unibase (A) to check for warpage and level of slip plates.
 3. Visually check all welds and castings for fractures or other damage.
 4. When assured both Lower Slip Plate (A) and Upper Slip Plate (C) are reusable employ new or reused hardware (B) with NEW Redi-Torque Bolts (B1) then follow installation procedures, starting with STEP B.

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frock safety

1170 HOWELL MILL ROAD SUITE 210
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LICENSE PLATE READER CAMERA
INSTALLATION

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| COVER SHEET & LOCATION MAPS | |
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| SHEET: | REV: |
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GENERAL NOTES:

- This Index contains information specific to the Federal and State guidelines and standards for the preparation of traffic control plans and for the execution of traffic control in work zones, for construction and maintenance operations and utility work on highways, roads and streets on the State Highway System. Certain requirements in this Index are based on the high volume nature of State Highways. For highways, roads and streets off the State Highway System, the local agency (City/County) having jurisdiction may adopt requirements based on the minimum requirements provided in the MUTCD.
- Use this Index in accordance with the Plans and Indexes 102-601 through 102-680. Indexes 102-601 through 102-680 are Department-specific typical applications of commonly encountered situations. Adjust device location or number thereof as recommended by the Worksite Traffic Supervisor and approved by the Engineer. Devices include, but are not limited to, flaggers, portable temporary signals, signs, pavement markings, and channelizing devices. Comply with MUTCD or applicable Department criteria for any changes and document the reason for the change.
- Except for emergencies, any road closure on State Highway System must comply with Section 335.15, F.S.

| Work Zone Speed (mph) | Max. Spacing (feet) | | | |
|-----------------------|------------------------------------|---------|--|---------|
| | Cones or Temporary Tubular Markers | | Type I Barricades, Type II Barricades, Vertical Panels, or Drums | |
| | Taper | Tangent | Taper | Tangent |
| ≤ 45 | 25 | 50 | 25 | 50 |
| ≥ 50 | 25 | 50 | 50 | 100 |

| Work Zone Speed (mph) | Min. Length (feet) |
|-----------------------|-----------------------|
| ≤ 40 | $L = \frac{WS^2}{60}$ |
| ≥ 45 | $L = WS$ |

Where: W = width of offset in feet
S = speed in mph

| Road Type | Min. Spacing (feet) |
|--|---------------------|
| Arterials and Collectors with Work Zone Speed ≤ 40 mph | 200 |
| Arterials and Collectors with Work Zone Speed ≥ 45 mph | 500 |
| Limited Access Roadways * | 1,500 |

* For limited access roadways with work zone speed ≤ 55 mph, the minimum spacing may be reduced in accordance with the MUTCD and as approved by the Engineer.

| Work Zone Speed (mph) | Min. Length (feet) |
|-----------------------|--------------------|
| 25 | 155 |
| 30 | 200 |
| 35 | 250 |
| 40 | 305 |
| 45 | 360 |
| 50 | 425 |
| 55 | 495 |
| 60 | 570 |
| 65 | 645 |
| 70 | 730 |

SYMBOLS:

- Work Area
- Channelizing Device
- Work Zone Sign
- Type III Barricade
- Lane Identification and Direction of Traffic

Note: When Buffer Length "B" cannot be attained due to geometric constraints, use the greatest length possible, but not less than 155 feet.

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| LAST REVISION 11/01/23 | DESCRIPTION: | FY 2024-25 STANDARD PLANS | GENERAL INFORMATION FOR TRAFFIC CONTROL THROUGH WORK ZONES | INDEX 102-600 | SHEET 1 of 11 |
|---------------------------|--------------|------------------------------|--|------------------|------------------|

LICENSE PLATE READER CAMERA INSTALLATION

CASE NUMBER: 416780
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FLORIDA DEPARTMENT OF TRANSPORTATION

flock safety

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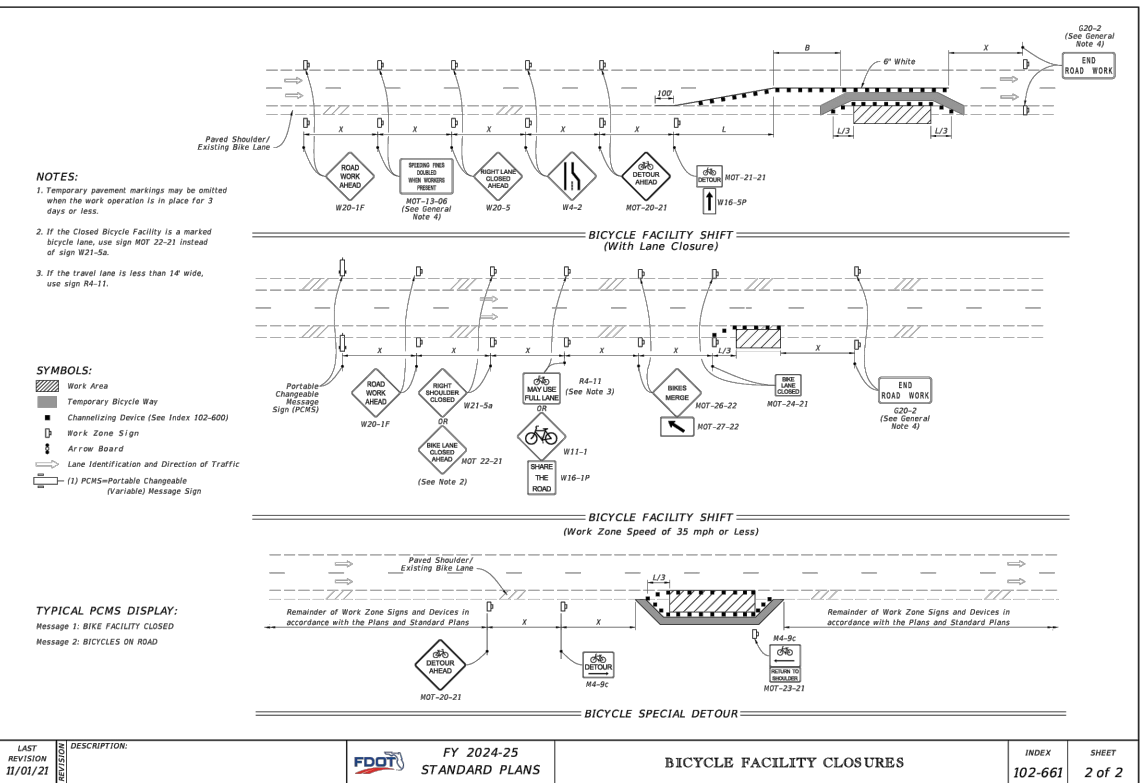
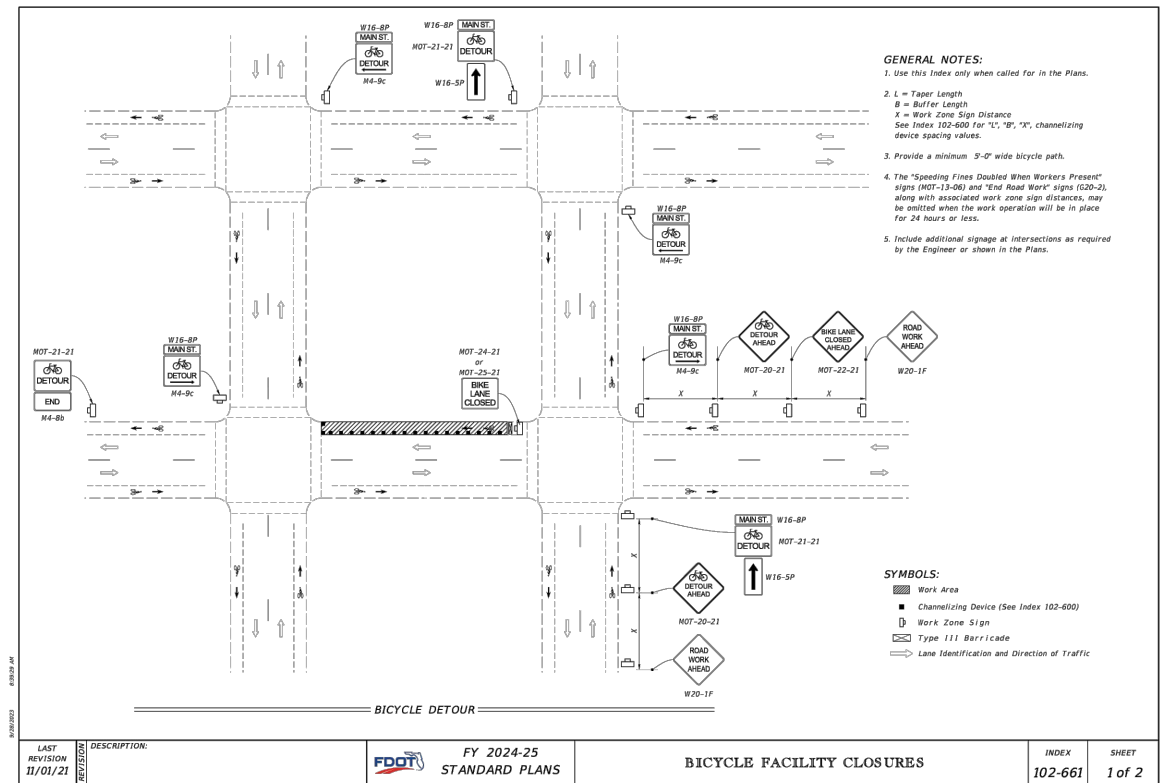
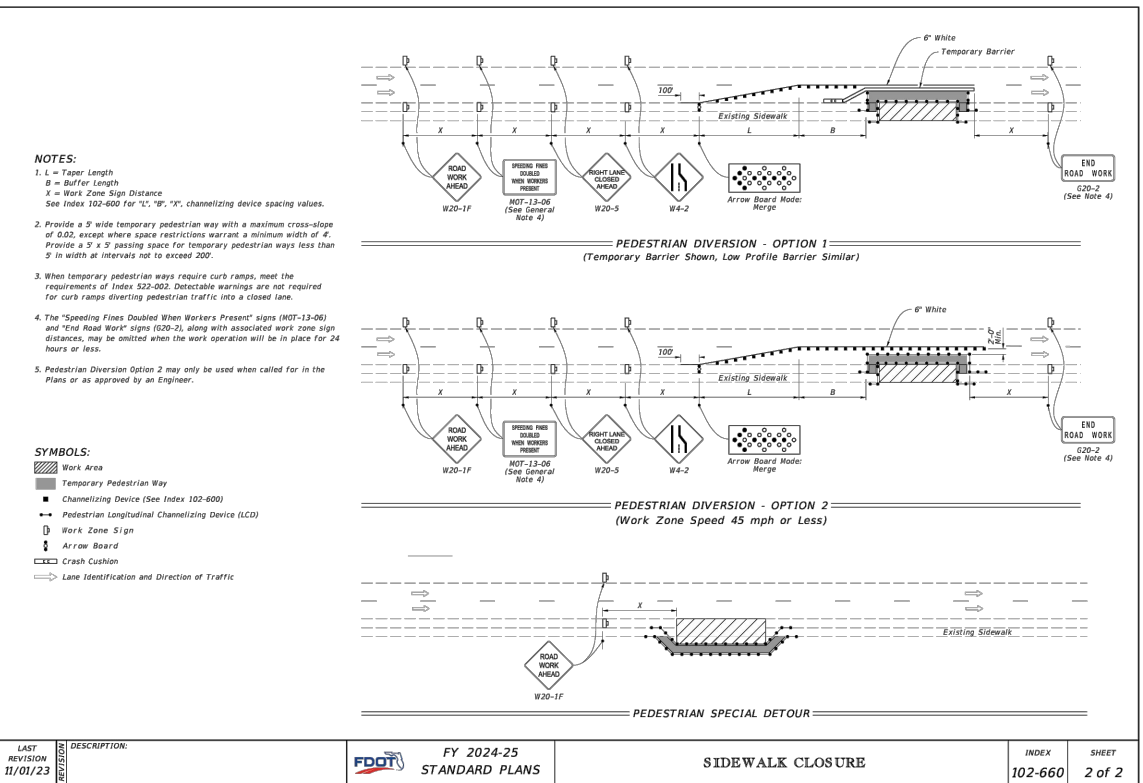
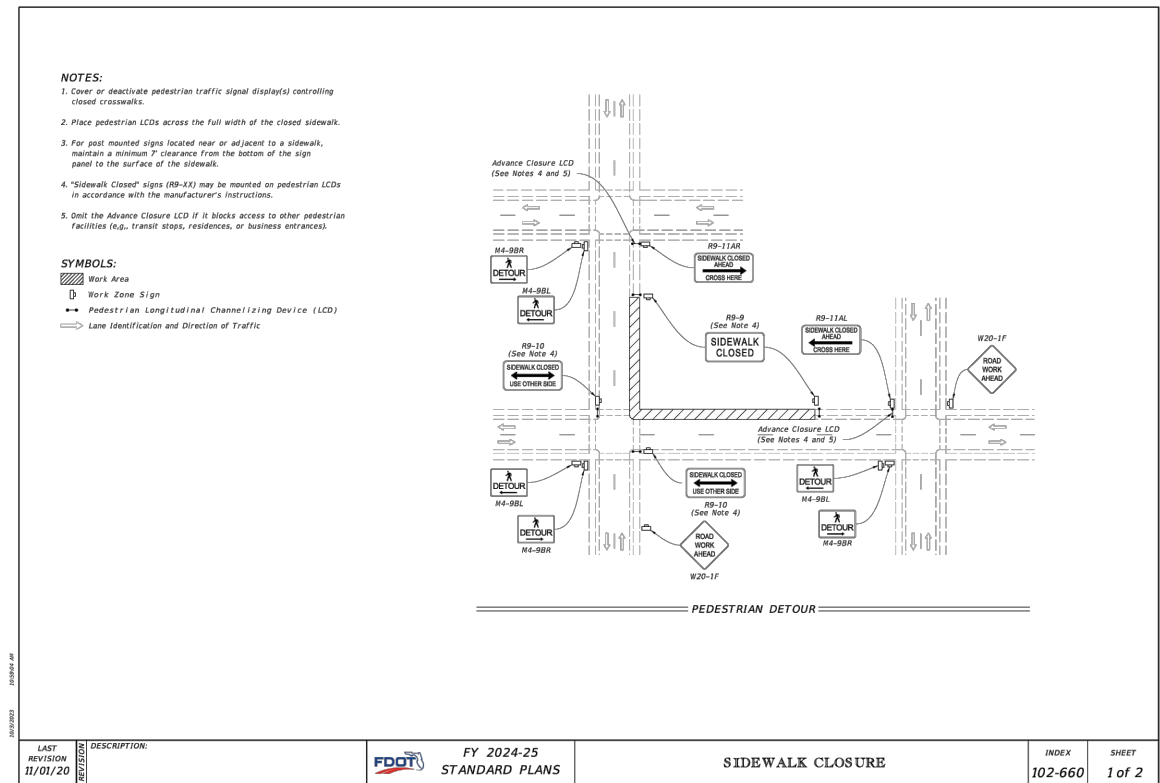
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COVER SHEET & LOCATION MAPS

SHEET: TCP.01
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LICENSE PLATE READER CAMERA INSTALLATION

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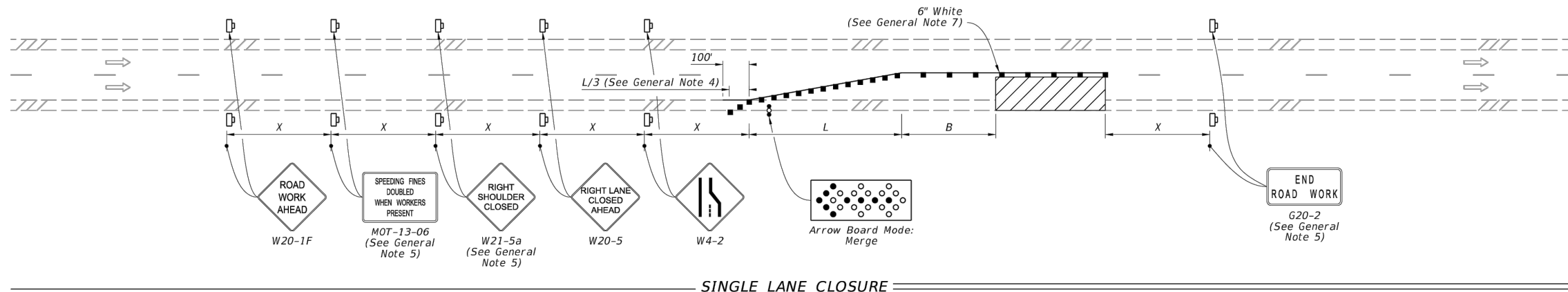
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COVER SHEET & LOCATION MAPS

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SINGLE LANE CLOSURE

SYMBOLS:

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Arrow Board
- Lane Identification and Direction of Traffic

GENERAL NOTE:

1. L = Taper Length
B = Buffer Length
X = Work Zone Sign Distance
See Index 102-600 for "L", "B", "X", and channelizing device spacing values.
2. On undivided highways the median signs as shown are to be omitted.
3. On limited access facilities, omit "Right Shoulder Closed" signs (W21-5a) and associated work zone sign spacing distances.
4. If the paved shoulder is less than 4' in width, omit the taper and channelizing devices from the paved shoulder.
5. The "Speeding Fines Doubled When Workers Present" signs (MOT-13-06) and "End Road Work" signs (G20-2) and "Right Shoulder Closed" (W21-5a), along with associated work zone sign distances, may be omitted when the work operation will be in place for 24 hours or less. For Single Lane Closures, arrow boards and buffer (B) may also be omitted when the work operation will be in place for 60 minutes or less and the speed limit is 45 mph or less.
6. Use inverted plan of the illustrations for work on left side of roadways.
7. Temporary pavement markings may be omitted when the work operation is in place for 3 days or less.

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| LAST REVISION 11/01/21 | REVISION | DESCRIPTION: | | FY 2024-25 STANDARD PLANS | MULTILANE ROADWAY, LANE CLOSURES | INDEX 102-613 | SHEET 1 of 5 |
|---------------------------|----------|--------------|--|------------------------------|----------------------------------|------------------|-----------------|

**LICENSE PLATE READER CAMERA
INSTALLATION**

 CASE NUMBER: 416780
 PERMITTING JURISDICTION:
 FLORIDA DEPARTMENT OF
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