



CITY OF PORT ST. LUCIE PUBLIC WORKS DEPARTMENT

Right-of-Way and Easement Permit Application

Revision Date: December 2024



CITY OF PORT ST. LUCIE
PUBLIC WORKS DEPT.
RECEIVED
REVISED
By: emajewski
Date: 06/27/2025 Time: 8:15:24 AM

Per City Ordinance 07-99 "Commercial and Residential Permits will be valid for a period of one year after date of issuance/approval.
If no site work has occurred within this time, the permit is null and void and no fees will be refunded."

Applicant Project/Job#	Flock Safety Case #957285	Permit#	20253943	Contractor ID#	0
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Applicant/Permittee Information		Contractor Information	
Company	Flock Safety	Company	Bluewater Telecommunications, Inc.
Contact	Shani Patterson	Contact	Alexa Schultz
Address	1170 Howell Mill Rd NW, Suite 210	Address	100 E Pine St, Unit 302
Phone	4047841347	Phone	4079023200
Email	shani.patterson@flocksafety.com	Email	permits@bluewaterinc.com
Purpose of Work	(13) 12' Flock Safety poles with attached ALPR cameras are being installed in collaboration with The Port St Lucie PD. Poles will be installed with solar panels to power the camera thus no further infrastructure is required at the pole locations.		
☒ Structural Installations: Requiring city third party electrical and/or structural inspections. See note below.			
I, Alexa Schultz, intending to be legally bound, hereby certify that the work authorized by the issuance of this permit, will be installed in accordance with all applicable Port St. Lucie City Codes of Ordinance, Engineering Standards for Land Development, Permit Requirements, and other appropriate permits.			

Note: Scope or work that includes but is not limited to electrical installations, structural installations, and public art must have plans signed and sealed by a Florida License design professional. All work shall be inspected by the designer of record or performed by a third-party consultant when deemed necessary by the City Engineer or their designee. Final inspection is required to close the project.



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Typical Type(s) and Method(s) of Utility Work:

Type of Work	Method of Work	Conduit Size	Conduit Type	Total Trenchless Length	Total Open Cut Length
Other	Other				

Job Locations:

Street Name	Between (Start Street)	Between (End Street)
NW EAST TORINO PKWY	NW NORTH DELWOOD DR	NW EAST TORINO PKWY
SW CROSSTOWN PKWY	SW CROSSTOWN PKWY	SW CROSSTOWN PKWY
SW BECKER RD	SW BECKER RD	SW BECKER RD
NW SELVITZ RD	NW MILNER DR	NW SELVITZ RD
ST LUCIE WEST BLVD	ST LUCIE WEST BLVD	ST LUCIE WEST BLVD
SW VILLAGE PKWY	SW CROSSTOWN PKWY	SW VILLAGE PKWY
SE WALTON RD	SE GREEN RIVER PKWY	SE WALTON RD
PRIMA VISTA BLVD	SW RAVENSWOOD LN	PRIMA VISTA BLVD
SW BECKER RD	SW HALLMARK ST	SW BECKER RD
SE WESTMORELAND BLVD	SE BAKERSFIELD ST	SE WESTMORELAND BLVD
SW CROSSTOWN PKWY	SW NOVELLA WAY	SW CROSSTOWN PKWY
PORT ST LUCIE BLVD	SW ABRAHAM AVE	PORT ST LUCIE BLVD

Estimated Start Date	06/16/2025	Estimated End Date	06/19/2025
☐ Require Lane or Sidewalk Closure		SPRC Project# (if applicable)	



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Reviewer Stamp	Reviewer Comments
 Public Works CITY OF PORT ST. LUCIE PUBLIC WORKS DEPT. General REVIEWED By: SCoccoli Date: 06/27/2025 Time: 8:26:08 AM	
 Public Works CITY OF PORT ST. LUCIE PUBLIC WORKS DEPT. Irrigation REVIEWED By: bmiller Date: 06/27/2025 Time: 2:25:07 PM	There is irrigation facilities at multiple site listed on the permit. Use caution pot hole soft dig or use GPR to locate any irrigation facility. maintain separation requirements of 5foot horizontal and 18 inches vertical.
 Utility CITY OF PORT ST. LUCIE UTILITY SYSTEMS DEPT. REVIEWED By: jgraham Date: 07/02/2025 Time: 4:28:33 PM	See comments on sheets.
 Traffic CITY OF PORT ST. LUCIE PUBLIC WORKS DEPT. REVIEWED By: jaseadon Date: 07/01/2025 Time: 2:18:38 PM	Signal Cable and fiber optics in the area. Call locates and use caution when digging.
 Public Works CITY OF PORT ST. LUCIE PUBLIC WORKS DEPT. Design APPROVED By: ccuffy Date: 07/17/2025 Time: 4:59:23 PM	
 Info Tech CITY OF PORT ST. LUCIE INFORMATION TECHNOLOGY DEPT. REVIEWED By: speyman Date: 04/28/2025 7:14:53 AM	062725



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Reviewer Notes:			
Pre-Construction Inspector:		Date:	
Post-Construction Inspector:		Date:	
Post-Construction Approver:		Date:	
Third Party Inspector		Date:	
Inspector Notes:			



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Required Submittal Items

- _____ Completed application
- _____ Vicinity map
- _____ Project Plan
 - _____ North Arrow
 - _____ Right-of-way lines
 - _____ Easements
 - _____ Edge of pavement
 - _____ Distance from right-of-way to proposed excavation site
 - _____ Conduit/cable size and type
 - _____ Typical cross section
 - _____ Depth of utility
 - _____ Method of proposed road crossing (directional bore, open cut, etc.)
 - _____ Method of repair and restoration
 - _____ Existing PSL utilities and conflict resolution statement
 - _____ Existing sidewalks, driveways, and conflict resolution statement
- _____ Will this work require lane or sidewalk closures? ☐ Yes ☐ No
 - _____ If yes, a Maintenance of Traffic plan in accordance with FDOT Standard Plans is required. Prior to the start of work a [City of Port St. Lucie Road/Lane & Sidewalk Closure Request Form](#) must be submitted to the Public Works Dept. (Sec.54.70)
- _____ Certificate of insurance (Sec.54.22)
 - _____ Up to date coverage
 - _____ \$2,000,000 aggregate, for bodily injury and property damage liability
 - _____ Commercial automobile liability insurance covering any auto with limits not less than \$1,000,000 per accident.
 - _____ Workers' compensation insurance and employers' liability in accordance with Chapter 440, Florida Statutes, and
 - _____ Commercial general liability insurance with no less than \$1,000,000 each occurrence.
 - _____ A waiver of subrogation is required in favor of the City of Port St. Lucie under each policy.
 - _____ Except workers' compensation and employers' liability, said certificate(s) shall clearly state that coverage required has been endorsed to include the City of Port St. Lucie, a political subdivision of the State of Florida, its officers, agents and employees as additional insured, and include the specific area in which the permit is issued.
 - _____ The certificate of insurance shall be current and shall evidence policies issued by a company or companies duly licensed by the state and acceptable to the City.
- _____ Is this work associated with an approved SPRC project? ☐ Yes ☐ No
 - _____ If yes, please provide the project number (PXX-XXX): _____
- _____ If scope includes electrical installation plans, they must be signed and sealed by a Florida License Design Professional. (Ex. Lift-stations, cable boxes, towers, etc.)

Permit Requirements

- _____ A. Permits are required for all work performed in any Right-of-Way provided for public use in the City of Port St. Lucie. (Sec.54.20)
- _____ B. All existing PSLUSD utilities must be shown on permit plans. In order to request information regarding our existing utilities, fill out the [online request for utility information](#).
- _____ C. Permit plans must contain and conform to the following note: *"A minimum of 5' horizontal and 18" vertical separation shall be maintained from all existing City of PSL Utilities, including water meters and services."*



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- _____ D. **Notice of Commencement:** All stakeholders including residents within the project limits shall be notified a minimum of 48 hours prior to but no greater than seven (7) days of any construction activity. The Public Works/Engineering Department shall be notified via RWexc@cityofpsl.com at least 48 hours in advance of any construction activity. Lack of notification could result in nullification of the permit. (Sec.54.21)
- _____ E. The Right-of-Way permit, and if applicable the Road/Lane Closure permit, shall be available at the location of the work during working hours. (Sec.54.21)
- _____ F. When pedestrian and/or vehicular traffic are to be affected during the course of construction a [City of Port St. Lucie Road/Lane & Sidewalk Closure Request Form](#) shall be required. (Sec. 54.21)
- _____ G. When encroaching work requires a sidewalk closure, an alternate pedestrian route shall be required. Alternate pedestrian routes shall meet the requirements of FDOT Standard Plans, Index 102-660. (Sec. 54.21)
 - a. Provide a 5' wide temporary walkway, except where space restrictions warrant a minimum width of 4'.
 - b. Provide a cross-slope with a maximum value of 0.02 for all temporary walkways.
 - c. Maintain temporary walkway surfaces and ramps that are stable, firm, slip-resistant, and free of any obstructions or hazards such as holes, debris, mud, construction equipment and stored material.
 - d. Meet the requirements of FDOT Index 522-002 for temporary curb ramps.
 - e. Place pedestrian longitudinal channelizing device(s) (LCD) across the full width of the closed sidewalk. For temporary walkways, similar to Alternate Pedestrian Routes Sidewalk Diversion, place LCDs to delineate both sides of the temporary walkway.
 - f. For sidewalk diversions, ensure that there is sufficient R/W for placement of temporary sidewalk and pedestrian longitudinal channelizing devices.
- _____ H. The permittee is responsible for obtaining necessary permits from other governing agencies, including but not limited to, the Florida Department of Transportation (FDOT), the Florida Department of Environmental Protection (FDEP), and the South Florida Water Management District (SFWMD).
- _____ I. Wherever possible, pull boxes, manholes, etc. shall be located outside of existing sidewalks. Otherwise, all lid surfaces must be flush and ADA compliant, and shall be approved on a case-by-case basis by the City Engineer or their designee.
- _____ J. Work hours shall be from 7:00 am to sundown. (Sec.94)
- _____ K. Contractor's vehicles and equipment shall have markings identifying the company and/or utility owner. Employees engaged in the course of work shall have company uniforms or be dressed in a manner that is readily identifiable to the City and the public.
- _____ L. Prior to commencement of work, permittee shall "white line" all bore paths associated with directional drill locate requests as depicted in the design plan set. White lining shall be required to mark all open trench locations that exceed 15 LF in length along the anticipated installation path. (F.S. 556.114)
- _____ M. White lining of all directional drill and trenching paths must occur prior to construction, unless an exception is authorized by PSLUSD, PSLPW, or by the City Manager or their designee. (F.S. 556.114)
- _____ N. Permittee is responsible for documenting prework conditions. It is recommended that the documentation be provided to the City at the time of the 48-hour notice for commencement of work.
- _____ O. All crossings of existing pavement shall be made by trenchless technology at a minimum depth of thirty-six (36) inches, unless otherwise authorized by the City. (Sec.54.21)
- _____ P. Slurry materials (bentonite, etc.) shall be properly disposed of. Slurry materials shall not be diluted and discarded in the right-of-way or stored in the right-of-way for future removal, nor discharged into the City's stormwater system.
- _____ Q. HDPE installed within City right-of-way shall be colored for quick identification.



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- a. The American Public Works Association (APWA) Uniform Color Code
- b. PE Handbook of PE Pipe – Chapter 14 on Duct and Conduit – Section 6.2
- c. PPI Statement V – Recommended Color Code for Solid Wall Plastic Pipe and Conduit

- _____ R. Open cutting of existing pavement will generally not be allowed but may be considered under one or more of the following conditions: (Sec.54.21)
 - a. Sub-surface obstructions
 - b. Extreme high-water table
 - c. Limited space for jacking pits
 - d. Condition of roadway surface including resurfacing and reconstruction
- _____ S. Existing utilities must be field verified by hand digging, pot holing, soft digging, vacuum excavation methods, or other similar procedures for elevation and offset location.
- _____ T. At no time shall the construction block or interfere with the flow or operation of the stormwater drainage system.
- _____ U. The permittee is responsible for restoring all disturbed areas and/or damaged facilities authorized by this permit to better than, or equal to, their original condition, and to the satisfaction of the City. (Sec. 54.21)
- _____ V. Following completion of all permitted work, restoration, stabilization, and sodding shall be required for any disturbed rights-of-way. Restoration is to be completed within 7 days of project completion.
- _____ W. The work shall be completed in accordance with the approved Right-of-Way permit, specifications, plans, the City of Port St. Lucie Engineering Standards for Land Development, and Chapters 54, 55, and 56 of the City's Code of Ordinances.
- _____ X. The permittee shall hold the City, its agents, and employees, harmless from any liability or responsibility for any accident, loss, or damage to persons or property resulting from or caused by any activities associated with the issuance of this permit.
- _____ Y. Final Inspection: The permittee agrees to notify the Public Works/Engineering Department via RWexc@cityofpsl.com upon completion of work so that final inspection may be made. A list of all deficiencies found at the time of final inspection will be noted and provided to the permittee. Final acceptance will be granted once the outstanding items have been addressed. For all projects including but not limited to public art and electrical scopes, a final inspection shall be completed by the City's third-party inspector when deemed necessary by the City Engineer or their designee.
- _____ Z. Upon completion of the approved work, the permittee shall submit certified density tests, bore logs, and other related material that demonstrate compliance the City's Engineering Standards for Land Development, and/or with the maximum FDOT Standard Specifications for Roadway and Bridge Construction in effect at the time the permit is issued. When these standards conflict, the more stringent of the standards shall apply.
- _____ AA. The permittee shall be responsible for all defects occurring within one year from final acceptance and shall be liable for all damages resulting from any defects.
- _____ BB. Repair work completed as the result of a project that is found to be defective within one year of the repair shall be repaired by the permittee in accordance with the City's Engineering Standards for Land Development. (Sec54.21)
- _____ CC. In consideration for the granting of this permit, the permittee agrees that if the City determines that it is necessary to relocate the permitted work, the permittee will relocate said lines at its sole expense within sixty (60) days upon receipt of written notification from the City.



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I, _____, intending to be legally bound, hereby certify that the work authorized by the issuance of this permit will be installed in accordance with all applicable Port St. Lucie City Codes of Ordinances, Engineering Standards for Land Development, Permit Requirements, and other appropriate permits.

RESPONSE TO COMMENTS FORM

PERMIT #: 20253943

DATE: 6/26/2025

SITE ADDRESSES: WESTMORELAND BLVD @ SE BAKERSFIELD ST/CROSSTOWN PKWY @ I95/SW BECKER RD @ I95/NW EAST TORINO @ NW NORTH DELWOOD DR/SELVITZ RD @ NW MILNER RD SB & NB/SW VILLAGE PKWY @ CROSSTOWN PKWY/CROSSTOWN PKWY @NOVELLA WAY/NW PRIMA VISTA BLVD @ RAVENSWOOD LN/SE MATLON RD @ SE GREEN RIVER PKWY/SW NEWFIELD PKWY (CITRUS BLVD) @ SW ABRAHAM AVE/SW NEWFIELD PKWY (CITRUS BLVD) @ SW ABRAHAM AVE/SW BECKER RD @ SW HALLMARK ST/SAINT LUCIE WEST BLVD @ I95/

PROJECT: Flock Safety Case #957285 Cameras P#002, P#003, P#005, F#006, F#007, F#008, F#010, F#011, F#012, F#013, F#019, F#020, F#021 and F#022

POINT OF CONTACT NAME: Alexa Schultz

POINT OF CONTACT EMAIL: permits@bluewaterinc.com

Correction Comment 1: Existing PSL Utilities - Please show all existing utilities including but not limited to city owned mains, services, meters, fire hydrants etc. completely and correctly. Request the locations of existing water and sewer mains using this website: [https:// form.jotform.com/242114351918048](https://form.jotform.com/242114351918048)

- Added existing utilities to plans.
- Could not locate existing utilities for camera F#022 (attached emails from Port St. Lucie Utility Service Area, Reserve CDD Service Area, and St Lucie West Service District's Service Area mentioning that they have no utilities in the area).

LICENSE PLATE READER
INSTALLATION

STATE OF FLORDIA
CITY OF PORT ST. LUCIE

IN COLLABORATION WITH
PORT ST LUCIE POLICE DEPARTMENT

PERMITTING JURISDICTION:
PORT ST. LUCIE

DRAWING INDEX

- T.01 - COVER SHEET & LOCATION MAPS
- T.02 - SYMBOLOGY AND ABBREVIATIONS
- GN.01 & GN.02 - GENERAL NOTES
- SHEETS 1-12 - PLAN DRAWINGS
- SPEC.01-SPEC.05 - EQUIPMENT AND FOUNDATION DETAILS
- TCP.01-TCP.05 - TRAFFIC CONTROL PLANS

PROJECT SUMMARY

INSTALLING (13) NEW POLES AND (1) ATTACHED TO EXISTING LIGHT POLE IN CITY MAINTAINED PUBLIC RIGHT OF WAY. EACH FLOCK POLE SUPPORTING ONE LICENSE PLATE READER CAMERA - WITH SOLAR PANEL AND BATTERY PACK - FOR THE PORT ST LUCIE POLICE DEPARTMENT.

CONTACT LIST

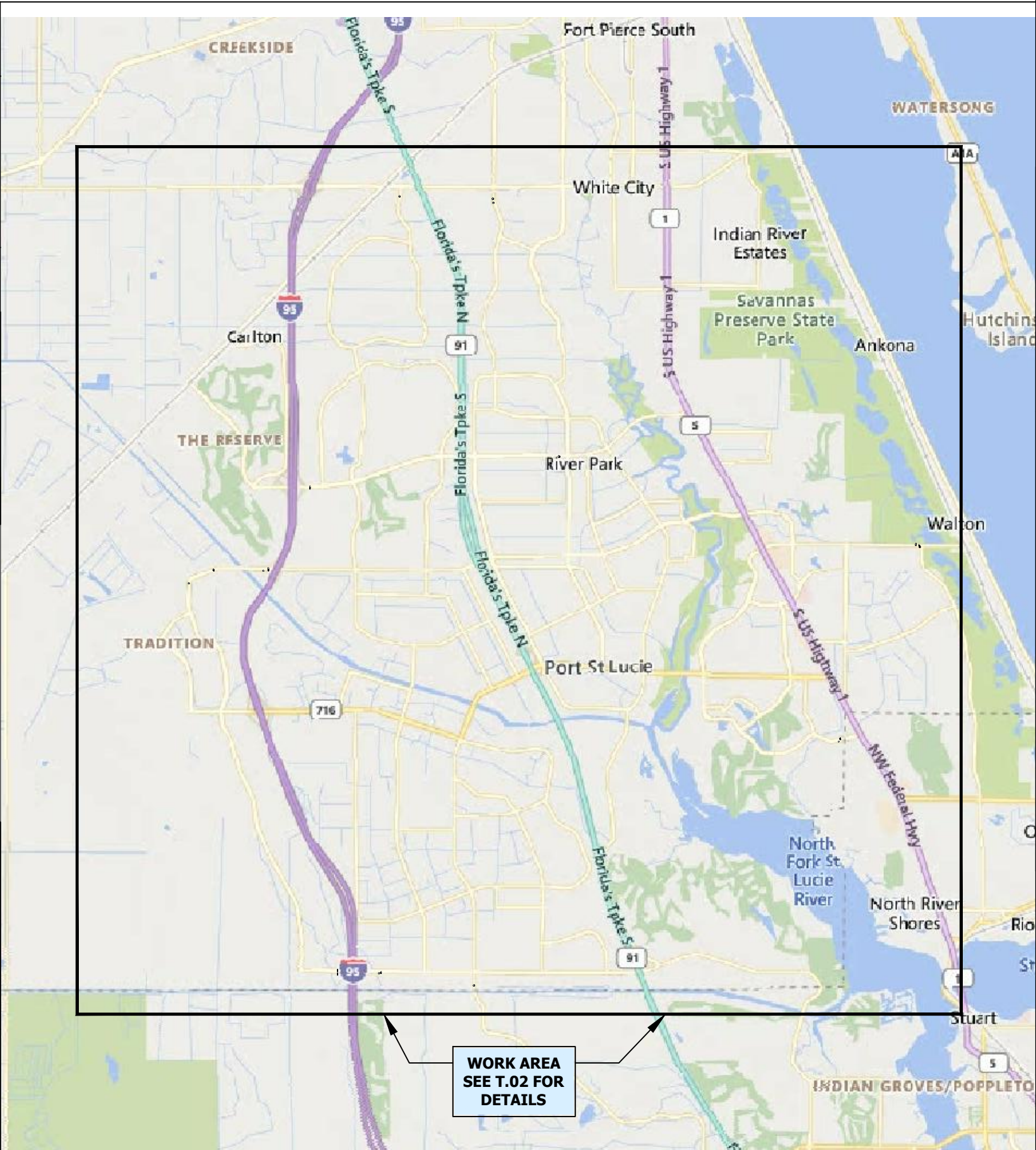
FLOCK SAFETY
1170 HOWELL MILL ROAD NW
SUITE 210
ATLANTA, GA 30318
PERMIT@FLOCKSAFETY.COM
415-669-0341

BLUEWATER TELECOMMUNICATIONS
MICHAEL FLUKER
PERMITTING MANAGER
407-432-8618
100 E PINE ST
ORLANDO, FL 32801

SEE APPROVED PERMIT FOR LISTED INSPECTOR

NOTE:
THE PLAT, PARCEL AND RIGHT OF WAY DIMENSIONAL INFORMATION HAS BEEN ACQUIRED AND PLOTTED ON THESE PLANS USING THE BEST AVAILABLE DATA AND AERIAL IMAGERY. ALL UTILITY INFORMATION SHOWN ON PLANS WAS ACQUIRED FROM THE BEST AVAILABLE DATA AND AS REASONABLE OBTAINED BY PHYSICAL FIELD SURVEY. IT REMAINS THE RESPONSIBILITY OF OTHERS TO FIELD VERIFY ALL DATA PRIOR TO PROJECT START. LINE LOCATES ARE THE RESPONSIBILITY OF OTHERS TO VERIFY CONFLICT HORIZONTALLY AND VERTICALLY OF EXISTING FACILITIES.

SITE LOCATION MAP



REVISIONS

DATE	REV	DESCRIPTION

I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY MYSELF OR UNDER MY DIRECT SUPERVISION THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF FLORIDA

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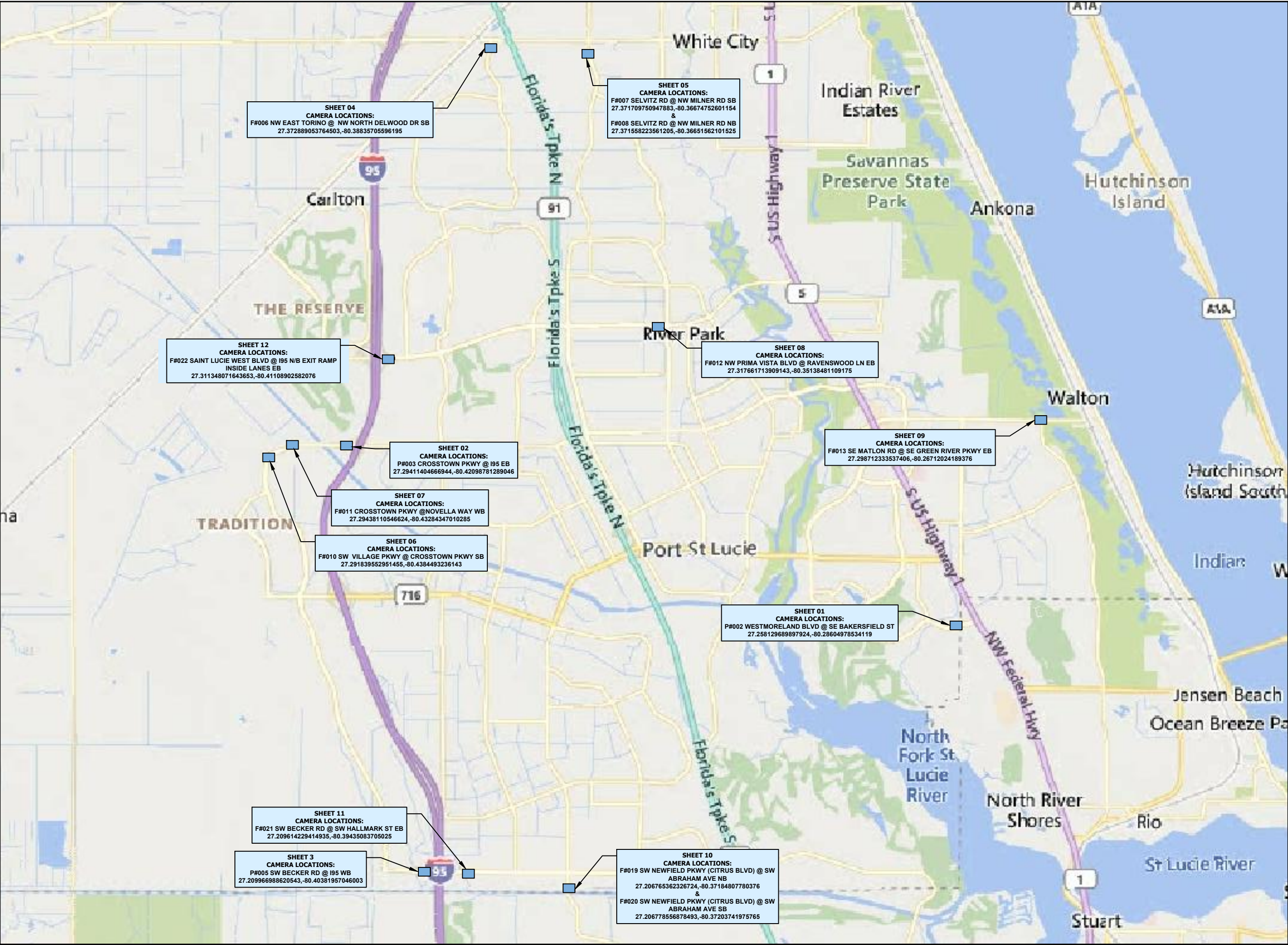
flock safety



EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY AND BASED ON AVAILABLE RECORDS AND FIELD OBSERVATIONS. CONTRACTOR IS RESPONSIBLE FOR CALLING 811 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES AND ANY DAMAGE TO THE UTILITIES SHALL BE IMMEDIATELY REPAIRED AT THE CONTRACTORS EXPENSE.

957285

T.01



SHEET 04
CAMERA LOCATIONS:
F#006 NW EAST TORINO @ NW NORTH DELWOOD DR SB
27.372889053764503,-80.38835705596195

SHEET 05
CAMERA LOCATIONS:
F#007 SELVITZ RD @ NW MILNER RD SB
27.371709750947883,-80.36674752601154
&
F#008 SELVITZ RD @ NW MILNER RD NB
27.371558223561205,-80.36651562101525

SHEET 12
CAMERA LOCATIONS:
F#022 SAINT LUCIE WEST BLVD @ I95 N/B EXIT RAMP
INSIDE LANES EB
27.311348071643653,-80.41108902582076

SHEET 08
CAMERA LOCATIONS:
F#012 NW PRIMA VISTA BLVD @ RAVENSWOOD LN EB
27.317661713909143,-80.35138481109175

SHEET 09
CAMERA LOCATIONS:
F#013 SE MATLON RD @ SE GREEN RIVER PKWY EB
27.298712333537406,-80.26712024189376

SHEET 02
CAMERA LOCATIONS:
P#003 CROSSTOWN PKWY @ I95 EB
27.29411404666944,-80.42098781289046

SHEET 07
CAMERA LOCATIONS:
F#011 CROSSTOWN PKWY @NOVELLA WAY WB
27.29438110546624,-80.43284347010285

SHEET 06
CAMERA LOCATIONS:
F#010 SW VILLAGE PKWY @ CROSSTOWN PKWY SB
27.291839552951455,-80.4384493236143

SHEET 01
CAMERA LOCATIONS:
P#002 WESTMORELAND BLVD @ SE BAKERSFIELD ST
27.258129689897924,-80.28604978534119

SHEET 11
CAMERA LOCATIONS:
F#021 SW BECKER RD @ SW HALLMARK ST EB
27.209614229414935,-80.39435083705025

SHEET 3
CAMERA LOCATIONS:
P#005 SW BECKER RD @ I95 WB
27.209966988620543,-80.40381957046003

SHEET 10
CAMERA LOCATIONS:
F#019 SW NEWFIELD PKWY (CITRUS BLVD) @ SW
ABRAHAM AVE NB
27.206765362326724,-80.37184807780376
&
F#020 SW NEWFIELD PKWY (CITRUS BLVD) @ SW
ABRAHAM AVE SB
27.206778556878493,-80.37203741975765

REVISIONS		
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flock safety

811
Know what's below.
Call before you dig.

EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY AND BASED ON AVAILABLE RECORDS AND FIELD OBSERVATIONS. CONTRACTOR IS RESPONSIBLE FOR CALLING 811 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES AND ANY DAMAGE TO THE UTILITIES SHALL BE IMMEDIATELY REPAIRED AT THE CONTRACTORS EXPENSE.

957285

T.02

LINETYPES

	R/W	RIGHT OF WAY
	EOP	EDGE OF PAVEMENT
	SW	SIDEWALK
	C/L	CENTERLINE
	G	GAS
		WATER
		TELEPHONE
	E	ELECTRIC
		SANITARY SEWER (SEW)
		SANITARY SEWER (SEW)
	SD	STORM DRAIN
	X	FENCE
	TV	CABLE TV
	STM	STEAM
	OIL	OIL
	UNK	UNKNOWN UTILITY
		RAILROAD
		RECLAIMED WATER

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

REVISIONS

DATE	REV	DESCRIPTION

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flock safety



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DESIGN NOTES:

1. POLE AND FOUNDATION DESIGNED PER CURRENT STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORT FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS.
2. POLE DESIGN WIND SPEED IS 150 MPH BASED ON A 300-YEAR MRI.
3. CONCRETE SHALL HAVE A MINIMUM 28-DAY DESIGN STRENGTH OF 3000 PSI, AND HAVE AT LEAST 505 POUNDS OF CEMENTITIOUS MATERIAL PER CUBIC YARD.
4. PROVIDE A FLAT BEARING SURFACE ON TOP SURFACE ON TOP SHAFT BELOW THE POLE BASE. SLOPE TOP SURFACE OF CONCRETE SHAFT OUTSIDE OF POLE BASE TO DRAIN AWAY FROM POLE.
5. DO NOT USE THIS DETAIL FOR SITES WHERE SOIL CONSISTS OF SOFT CLAY, PEAT OR ANY OTHER SOIL WHERE A SMALL DIAMETER REBAR (#5 OR SMALLER) OR METAL PROBE PENETRATES EASILY TO 6" OR MORE OF DEPTH WHEN THE FULL WEIGHT OF A PERSON IS APPLIED.

GENERAL & CONSTRUCTION NOTES

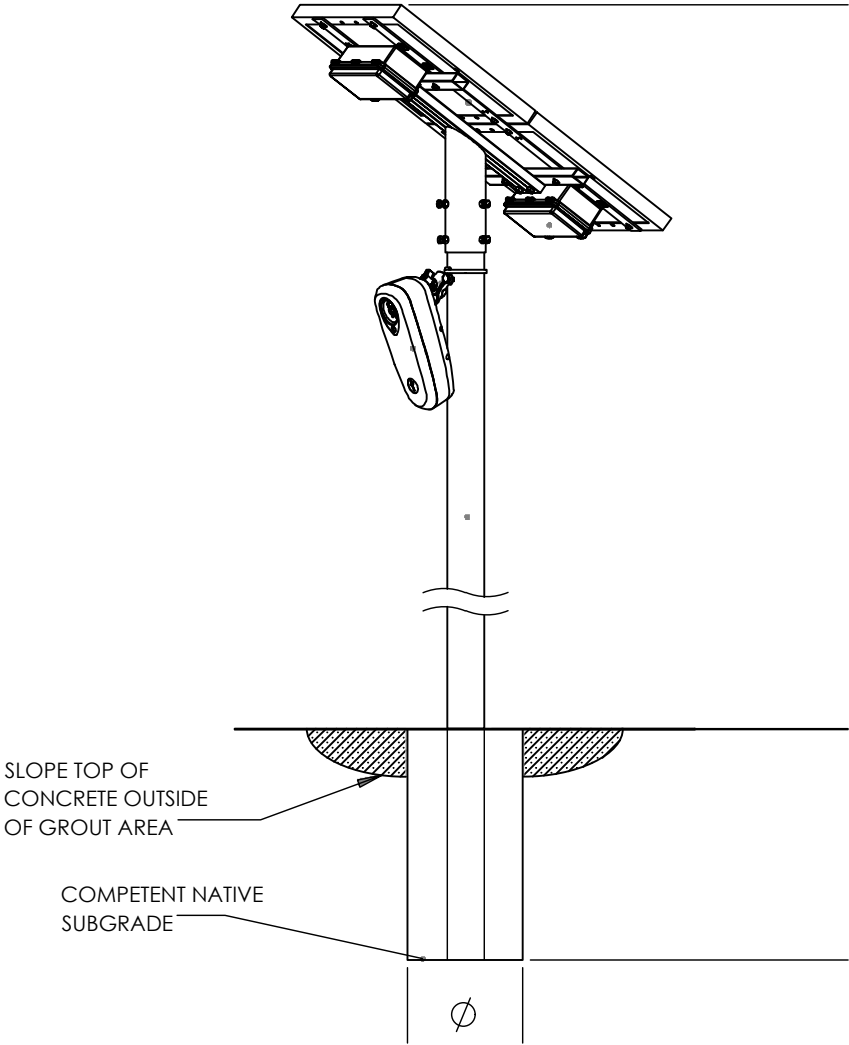
1. CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT DESIGNATED AGENCY TO LOCATE ALL UNDERGROUND UTILITIES 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
2. CONTRACTOR SHALL BE RESPONSIBLE TO APPLY AND OBTAIN AN APPROVED TRAFFIC CONTROL PLAN IN ACCORDANCE WITH MUTCD AND LOCAL STANDARDS AS REQUIRED.
3. CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE ALL DISTURBED AREAS TO ORIGINAL CONDITION TO STATE DEPARTMENT OF TRANSPORTATION AND LOCAL AGENCY SATISFACTION AT NO ADDITIONAL COMPENSATION.
4. ALL WORK SHALL CONFORM TO ALL APPLICABLE ELECTRICAL CODES EXCEPT WHEN SATE DEPARTMENT OF TRANSPORTATION AND LOCAL AGENCY STANDARDS SUPERSEDE.
5. CONNECT POLE TO SOLID BARE BOND GROUND & GROUNDING ROD (OR COIL 25' OF NO. 6 BARE COPPER) IN POLE FOUNDATION & TO SYSTEM GROUND BONDED BACK TO FLOCK SAFETY SAFETY CABINET.
6. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH STATE DEPARTMENT OF TRANSPORTATION AND LOCAL AGENCY SPECIFICATIONS UNLESS SPECIFICALLY STATED OR SHOWN OTHERWISE HEREIN.

ADA COMPLIANCE NOTES:

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

CITY NOTES

1. LOCATE ALL UTILITIES/FACILITIES, INCLUDING STORMWATER DRAINAGE SYSTEMS PRIOR TO START OF CONSTRUCTION TO DETERMINE ACTUAL LOCATION & DEPTH OF OTHER FACILITIES, LOCATIONS SHOWING ON CROSS SECTIONS MAY NOT BE ACCURATE.
2. ALL UTILITY LOCATIONS WILL BE SPOT DUG FOR DEPTH VERIFICATION TO DETERMINE DEPTH OF FOUNDATION. CONTRACTOR WILL COORDINATE THE DEPTH OF FOUNDATION WITH COUNTY INSPECTOR PRIOR TO ANY CONSTRUCTION BEING PERFORMED.
3. CURRENT A.D.A. STANDARDS SHALL BE UPHELD AT ALL TIMES.
4. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTY IN THE VICINITY OF THE CONSTRUCTION
5. CONTRACTOR SHALL PROVIDE SAFE ACCESS PER CURRENT FDOT STANDARD REGULATIONS FOR ALL PEDESTRIAN TRAFFIC AND REGULATIONS ON ALL EXCAVATIONS OPENED IN THE TRAFFIC ZONE CONTROL AREA.
6. CONTRACTOR SHALL RESTORE RIGHT-OF-WAY TO EQUAL OR BETTER CONDITION UPON COMPLETION OF WORK
7. A MINIMUM OF 5' HORIZONTAL AND 18" VERTICAL SEPARATION SHALL BE MAINTAINED FROM ALL EXISTING PSLUSD UTILITIES, INCLUDING WATER METERS AND SERVICES.



REVISIONS

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FDOT NOTES:

1. ALL WORK PERFORMED WITHIN THE FDOT RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE 2022-23 TIME. EDITIONS OF FDOT SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE CURRENT UTILITY ACCOMMODATION MANUAL.
2. 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.
3. ALL TRAFFIC STRIPING AND MARKINGS ARE TO BE LEAD-FREE, NON-SOLVENT BASED THERMOPLASTIC.
4. REMOVAL OF EXISTING STRIPPING SHALL BE ACCOMPLISHED USING THE "HYDRO-BLAST" METHOD. IF THIS PROCESS DAMAGES/SCARS PAVEMENT, THEN THE PAVEMENT SHALL BE MILLED AND RESURFACED PER FDOT OF WAY. STANDARDS.
5. EXISTING PAVED SHOULDER SHALL BE REMOVED FULL DEPTH PRIOR TO WIDENING OF THE ROADWAY.
6. ALL CURB AND GUTTER AND SIDEWALK WILL BE REMOVED AND REPLACED JOINT TO JOINT PER STANDARD INDEX #300 CURB & GUTTER #304/#310 CUT RAMPS & SIDEWALK AS SPECIFIED IN SECTION 1.5 2017 UAM.
7. ALL DISTURBED AREA WITHIN THE DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY WILL BE RESTORED TO ORIGINAL OR BETTER CONDITION BY GRADING AND SODDING IN AREA DISTURBED.
8. BURNING OF ANY MATERIAL OR DEBRIS IS PROHIBITED IN FDOT RIGHT-OF-WAY.
9. ALL LANES MUST BE OPENED FOR TRAFFIC DURING AN EVACUATION NOTICE OF A HURRICANE OR OTHER CATASTROPHIC EVENT AND SHALL REMAIN OPEN FOR THE DURATION OF THE EVACUATION OR EVENT.
10. THE CONTRACTOR SHALL NOTIFY FDOT A MINIMUM OF (2) BUSINESS DAYS PRIOR TO BEGINNING ANY CONSTRUCTION WITHIN FDOT RIGHT-OF-WAY CONTACT PHONE NUMBER 321-319-8100.
11. ALL AREAS WITHIN FDOT R/W DISTURBED BY CONSTRUCTION SHALL BE RE-GRADED AND SODDED WITH LIKE-KIND SOD WITHIN (7) DAYS.

1.1 THIS PROJECT SHALL CONSIST OF THE FOLLOWING OPERATIONS:

2.0 DRAWINGS

3.0 SPECIFICATIONS

4.0 MATERIALS

3. THE CONTRACTOR SHALL HAVE A AUTHORIZED PERSON AVAILABLE AT/OR NEAR THE WORK SITE ON A 24 HOUR BASIS, 7 DAYS A WEEK IN ORDER TO ADDRESS EMERGENCY ISSUES ASSOCIATED WITH THE PROJECT.
16. NO STOCKPILING, STORING OR SEMI PERMANENT USE OF THE RIGHT OF WAY IS AUTHORIZED UNLESS SPECIFICALLY IDENTIFIED WITHIN THE PERMIT.
17. NO WORK SHALL BE PERFORMED DURING THE WEEKS OF ANY STATE OR FEDERAL HOLIDAYS UNLESS OTHERWISE APPROVED BY THE FDOT.
18. 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.
19. THE DEPARTMENT 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.
20. PERMITTEE SHALL NOT BEGIN ANY WORK ALONG FDOT RIGHT-OF-WAY UNTIL AND INSPECTOR IS PRESENT AT THE JOB SITE AND AGREES THAT PROPER PREPARATIONS HAVE BEEN MADE.
21. CONTRACTOR MUST BE REQUIRED TO SUBMIT BORE LOGS AND AS-BUILT PLANS AFTER COMPLETION OF THE PERMIT.
22. MOT PER FDOT INDEX 102-611, 102-612, 102-613 & 102-660.
23. FOURTEEN (14) DAYS PRIOR TO CLOSING A LANE, THE PERMITTEE SHALL NOTIFY THE LCIS SYSTEM THE TIME, LOCATION OF THE NEEDED LANE CLOSURE AND A DESCRIPTION OF WORK BEING DONE. THE UAO SHALL NOT CLOSE ANY LANES UNTIL RECEIVING APPROVAL FROM FDOT. THE UAO IS NOT REQUIRED TO REPORT LANE CLOSURES FOR EMERGENCIES AS DESCRIBED IN 2017 UAM SECTION 2.2 ([HTTPS://ICIS.DOT.STATE.FL.US](https://icis.dot.state.fl.us))
24. 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.
25. ALL WORK ZONES ARE TO BE SET UP AND MAINTAINED BY SOMEONE WHO HAS THE FDOT INTERMEDIATE MOT LEVEL TRAINING OR EQUIVALENT.

ALL UNUSED AND REQUESTED SALVAGED MATERIAL TO BE RETURNED TO SAME ADDRESS.

4.4 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

5.0 PERMITS

5.3 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 FDOT DESIGN STANDARDS 2017-18.

6.1 ALL PERSONNEL ARE REQUIRED TO ABIDE BY ALL RULES AND REGULATIONS SET FORTH IN THE FLOCK SAFETY SAFETY REQUIREMENTS, RAILROAD SAFETY CODE AND GOVERNING JURISDICTION.

6.3 CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND MAINTENANCE OF PUBLIC AND PRIVATE PROPERTIES. CONTRACTOR SHALL PROTECT, SHORE, BRACE, SUPPORT AND MAINTAIN ALL UNDERGROUND PIPES, CONDUITS, DRAINS AND OTHER SUBSURFACE STRUCTURES UNCOVERED OR OTHERWISE AFFECTED BY THE WORK.

6.4 CONTRACTOR 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.

6.5 DURING ALL PHASES OF CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN WORK AREAS IN A NEAT AND ORDERLY MANNER. CONSTRUCTION EQUIPMENT, MATERIAL AND SUPPLIES THAT ARE STORED ON THE RIGHT OF WAY SHALL NOT RESTRICT ACCESS TO SUCH RIGHT OF WAY OR THE RIGHT OF WAY ITSELF.

7.1 CONTRACTOR IS RESPONSIBLE FOR ALL SECURITY REQUIRED TO PROTECT HIS WAREHOUSE, LAYDOWN, AND STAGING AREA AND THE USE OF OUTSIDE PLANT WORK. SECURITY SHALL ALSO INCLUDE TRAFFIC CONTROL WHERE REQUIRED INCLUDING THE USE OF OFF DUTY POLICE OFFICERS.

8.1 ALL STAKING WILL BE PROVIDED BY FLOCK SAFETY REQUIRED RIGHT OF WAY CLEARING SHALL BE COMPLETED PRIOR TO STAKING: THEREFORE, THE CONTRACTOR SHALL COORDINATE ALL CLEARING OPERATIONS AND PLACING OPERATIONS WITH THE FLOCK SAFETY PROJECT SUPERVISOR TO AVOID DELAYS AND INTERFERENCE.

8.2 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

8.3 IN ADDITION TO THE SCHEDULING REQUIREMENTS IN THE GENERAL 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.

9.1 DURING THE BIDDING PROCESS THE CONTRACTOR SHOULD CONSIDER THE FOLLOWING ITEMS:

9.1.1 ALL WASTE AND/OR ABANDONED MATERIALS TO BE REMOVED SHALL BE DISPOSED OF AT A "RECOGNIZED DUMP FACILITY" IN THE AREA AS DESIGNATED BY THE LOCAL GOVERNING AUTHORITY.

DATE	REV	DESCRIPTION
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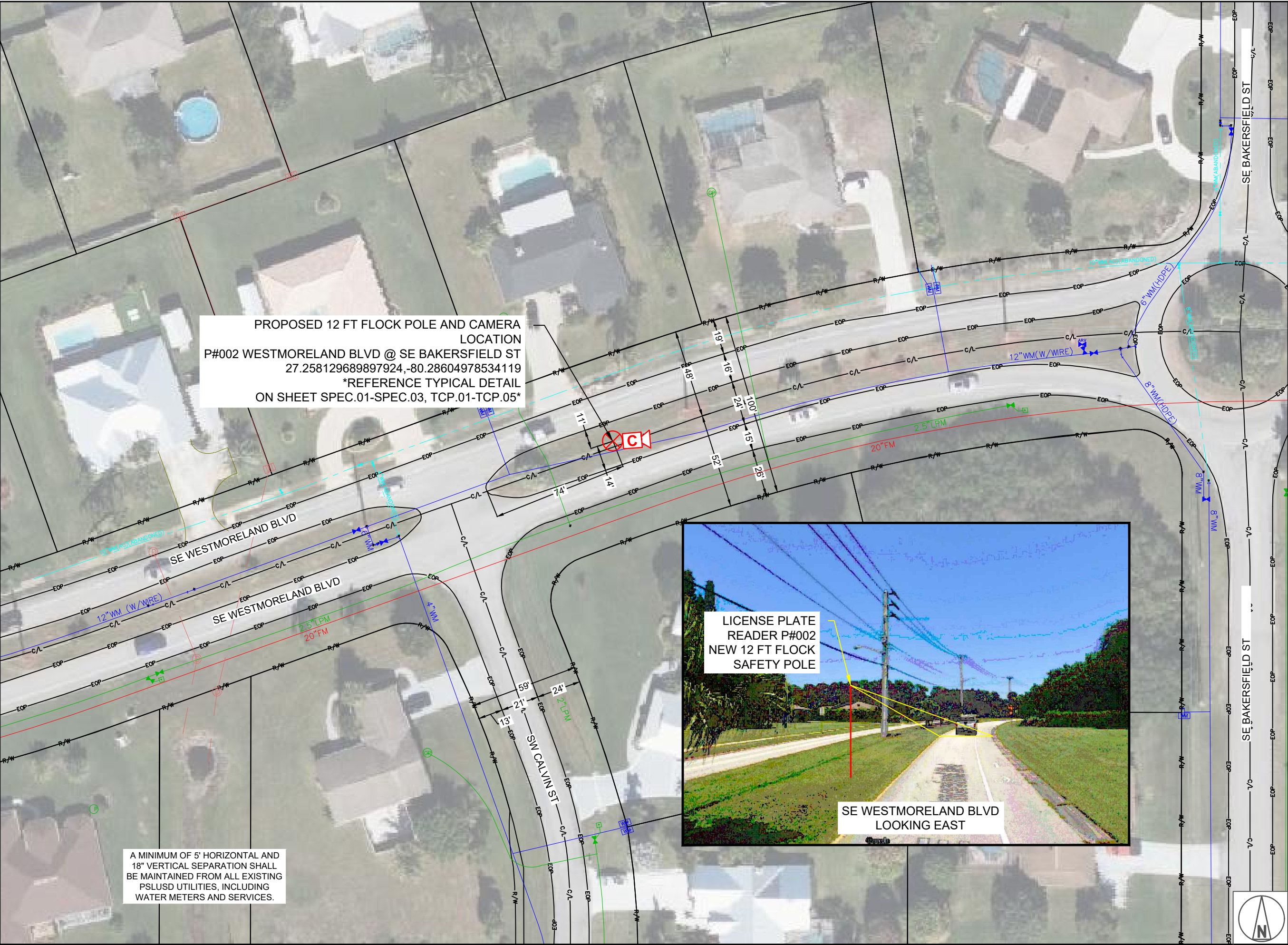
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957285

GN.02



PROPOSED 12 FT FLOCK POLE AND CAMERA
LOCATION
P#002 WESTMORELAND BLVD @ SE BAKERSFIELD ST
27.258129689897924,-80.28604978534119
*REFERENCE TYPICAL DETAIL
ON SHEET SPEC.01-SPEC.03, TCP.01-TCP.05*

A MINIMUM OF 5' HORIZONTAL AND
18" VERTICAL SEPARATION SHALL
BE MAINTAINED FROM ALL EXISTING
PSLUSD UTILITIES, INCLUDING
WATER METERS AND SERVICES.



LICENSE PLATE
READER P#002
NEW 12 FT FLOCK
SAFETY POLE

SE WESTMORELAND BLVD
LOOKING EAST

1 INCH = 50 FEET

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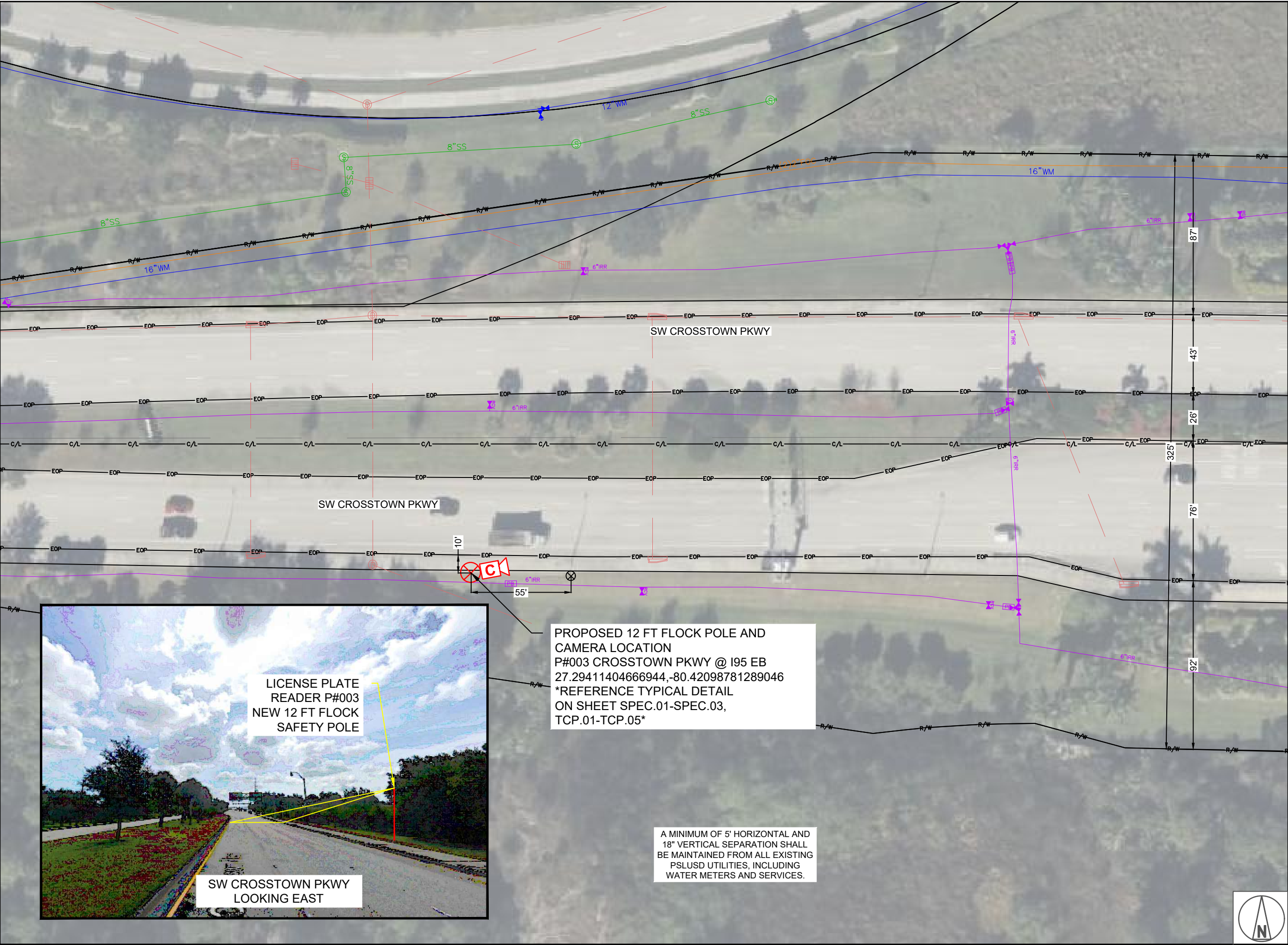


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SHEET 1



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SHEET 2

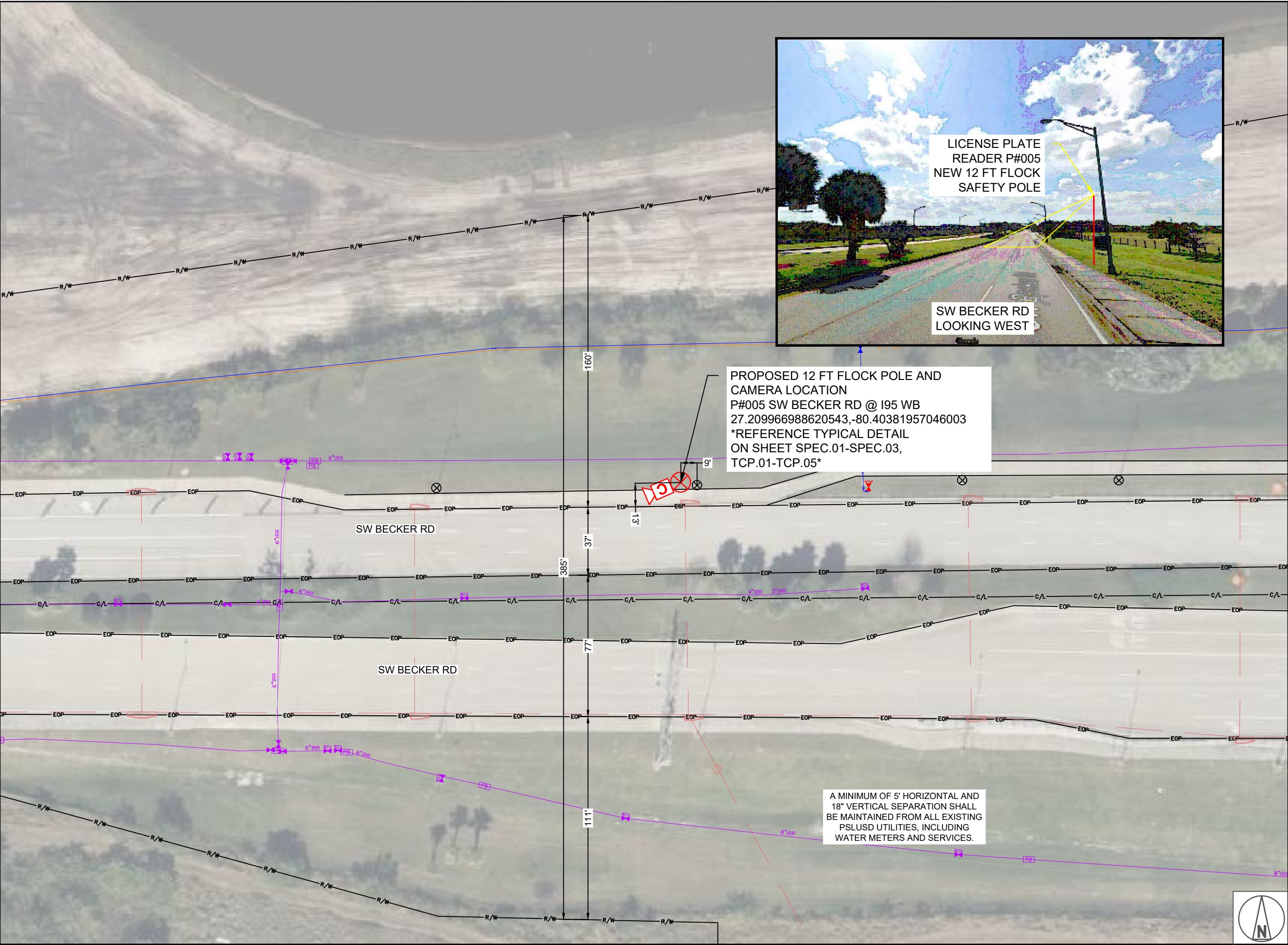


LICENSE PLATE
READER P#003
NEW 12 FT FLOCK
SAFETY POLE

SW CROSSTOWN PKWY
LOOKING EAST

PROPOSED 12 FT FLOCK POLE AND
CAMERA LOCATION
P#003 CROSSTOWN PKWY @ I95 EB
27.29411404666944,-80.42098781289046
*REFERENCE TYPICAL DETAIL
ON SHEET SPEC.01-SPEC.03,
TCP.01-TCP.05*

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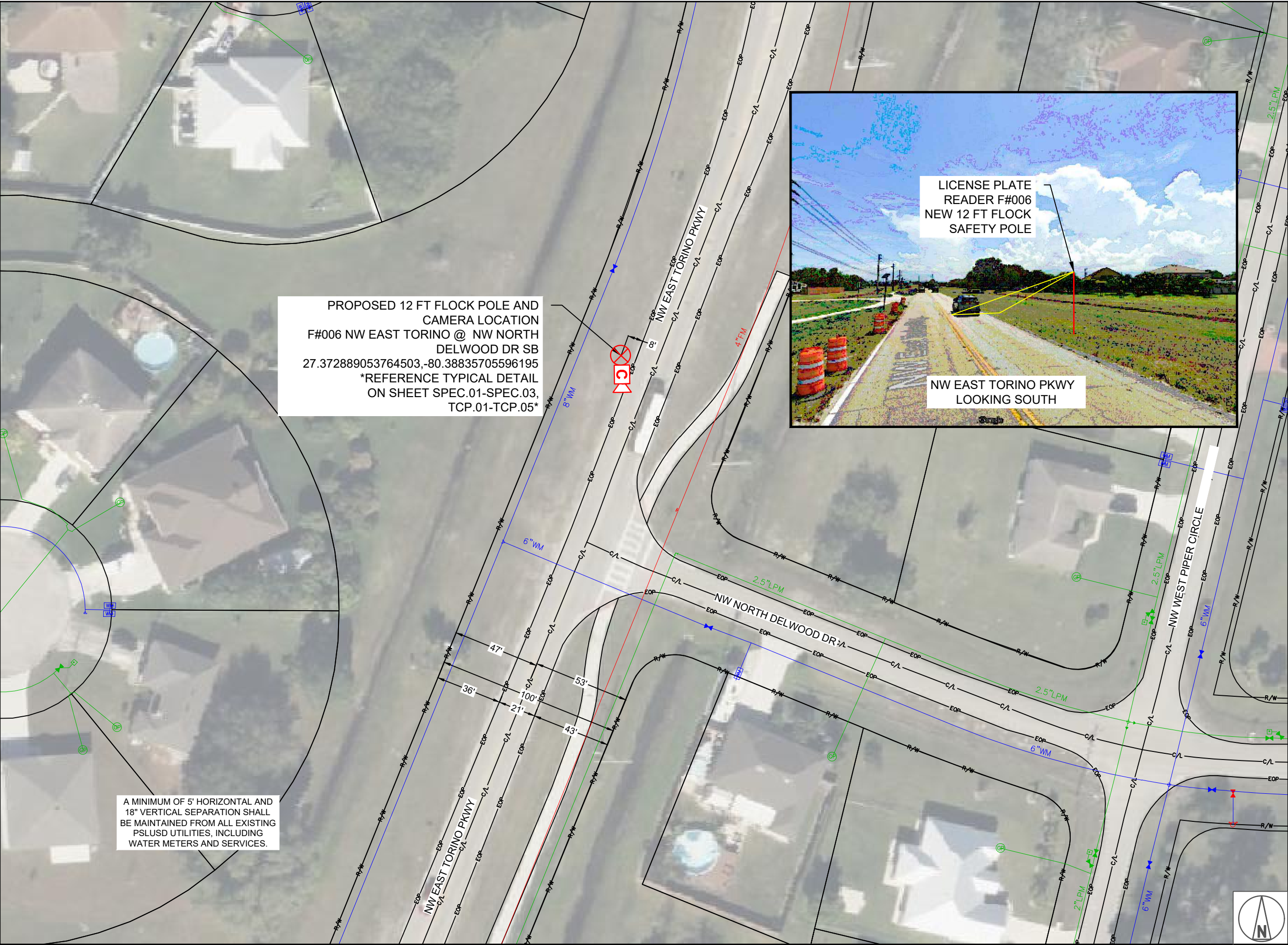


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SHEET 3



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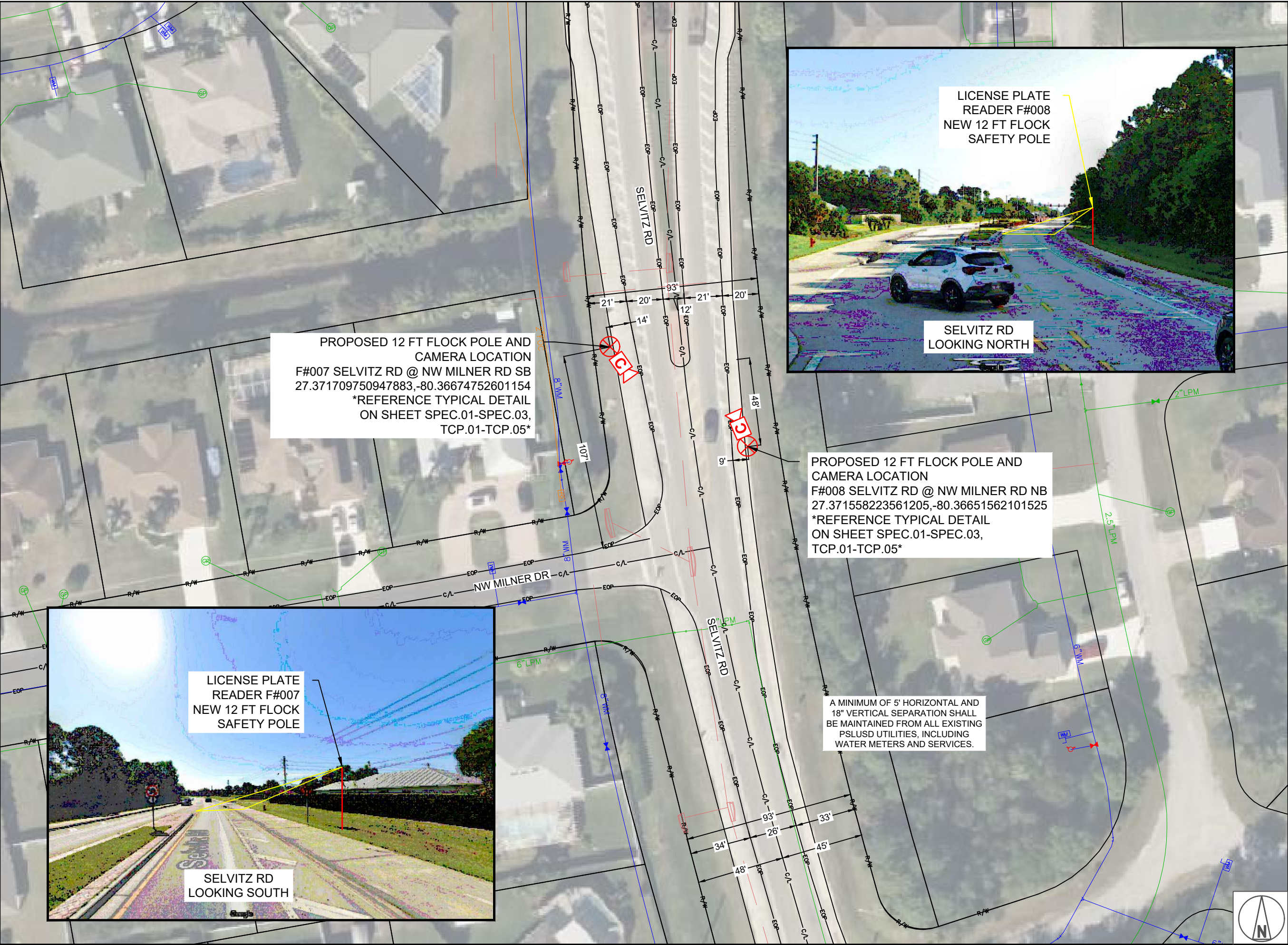
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SHEET 4



PROPOSED 12 FT FLOCK POLE AND
CAMERA LOCATION
F#007 SELVITZ RD @ NW MILNER RD SB
27.371709750947883,-80.36674752601154
*REFERENCE TYPICAL DETAIL
ON SHEET SPEC.01-SPEC.03,
TCP.01-TCP.05*



SELVITZ RD
LOOKING NORTH

PROPOSED 12 FT FLOCK POLE AND
CAMERA LOCATION
F#008 SELVITZ RD @ NW MILNER RD NB
27.371558223561205,-80.36651562101525
*REFERENCE TYPICAL DETAIL
ON SHEET SPEC.01-SPEC.03,
TCP.01-TCP.05*

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LICENSE PLATE
READER F#007
NEW 12 FT FLOCK
SAFETY POLE

SELVITZ RD
LOOKING SOUTH

1 INCH = 50 FEET

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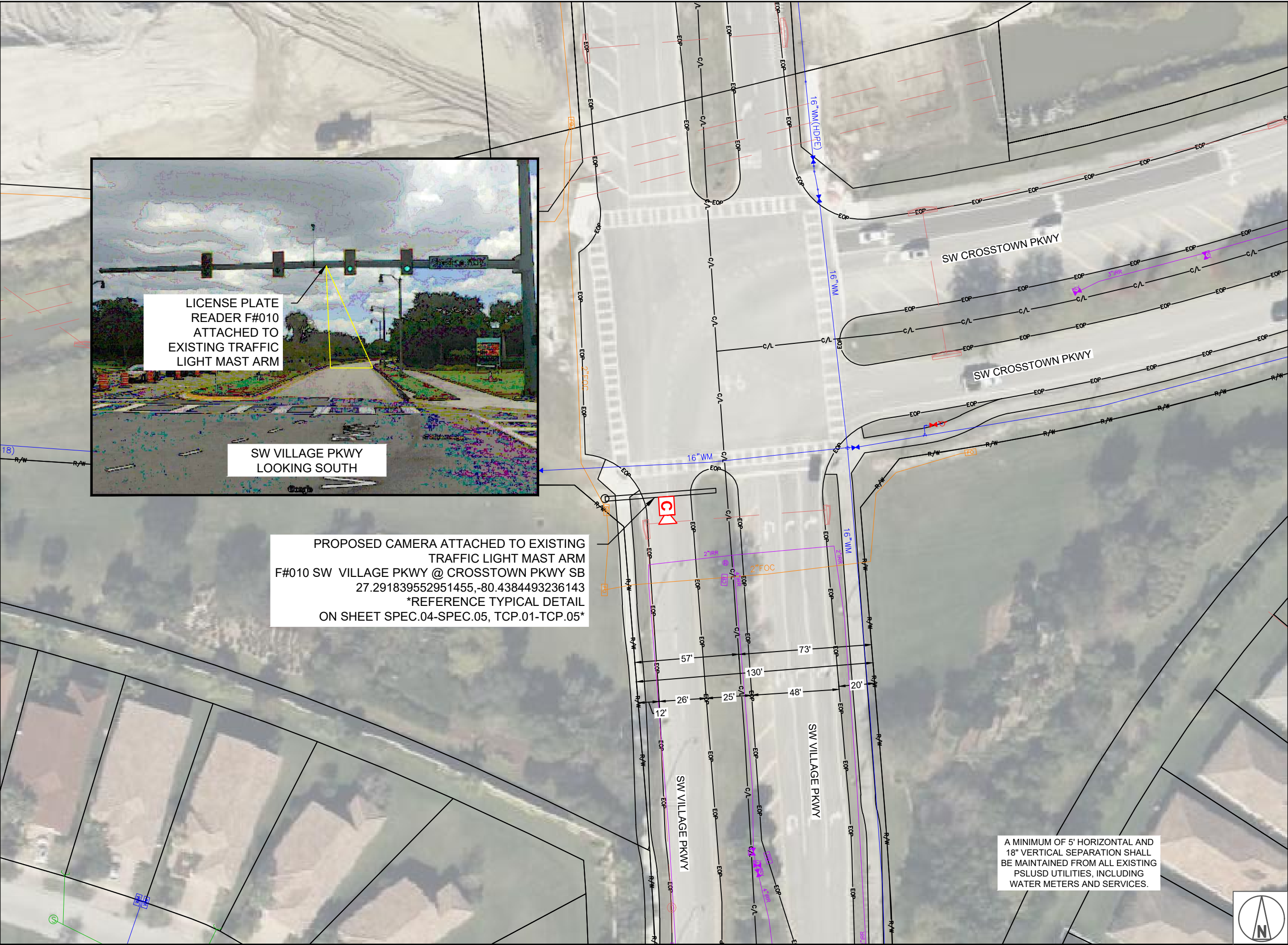
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SHEET 5



LICENSE PLATE
READER F#010
ATTACHED TO
EXISTING TRAFFIC
LIGHT MAST ARM

SW VILLAGE PKWY
LOOKING SOUTH

PROPOSED CAMERA ATTACHED TO EXISTING
TRAFFIC LIGHT MAST ARM
F#010 SW VILLAGE PKWY @ CROSSTOWN PKWY SB
27.291839552951455,-80.4384493236143
*REFERENCE TYPICAL DETAIL
ON SHEET SPEC.04-SPEC.05, TCP.01-TCP.05*

SW CROSSTOWN PKWY

SW CROSSTOWN PKWY

SW VILLAGE PKWY

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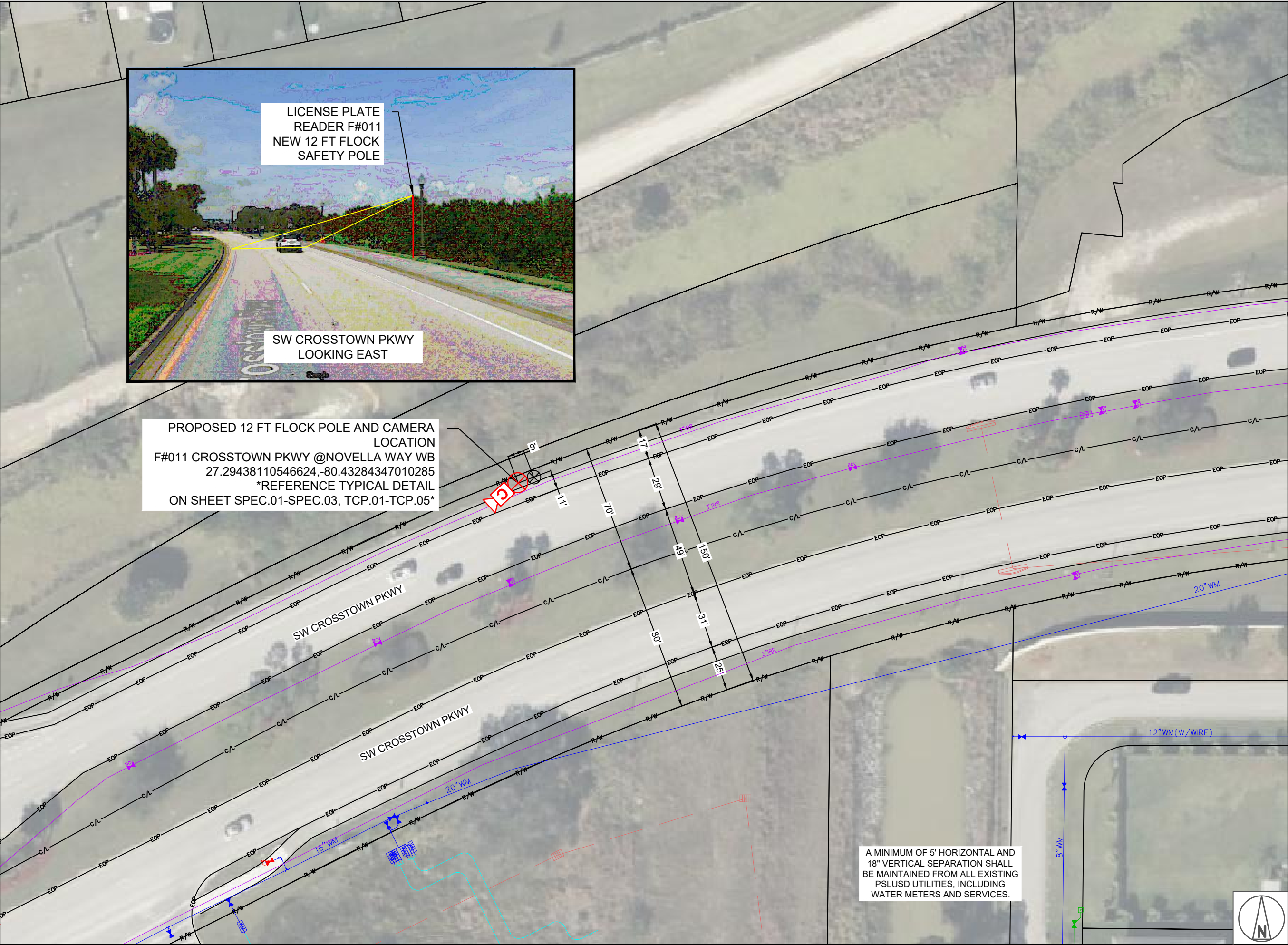
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SHEET 6



PROPOSED 12 FT FLOCK POLE AND CAMERA
LOCATION
F#011 CROSSTOWN PKWY @NOVELLA WAY WB
27.29438110546624,-80.43284347010285
*REFERENCE TYPICAL DETAIL
ON SHEET SPEC.01-SPEC.03, TCP.01-TCP.05*

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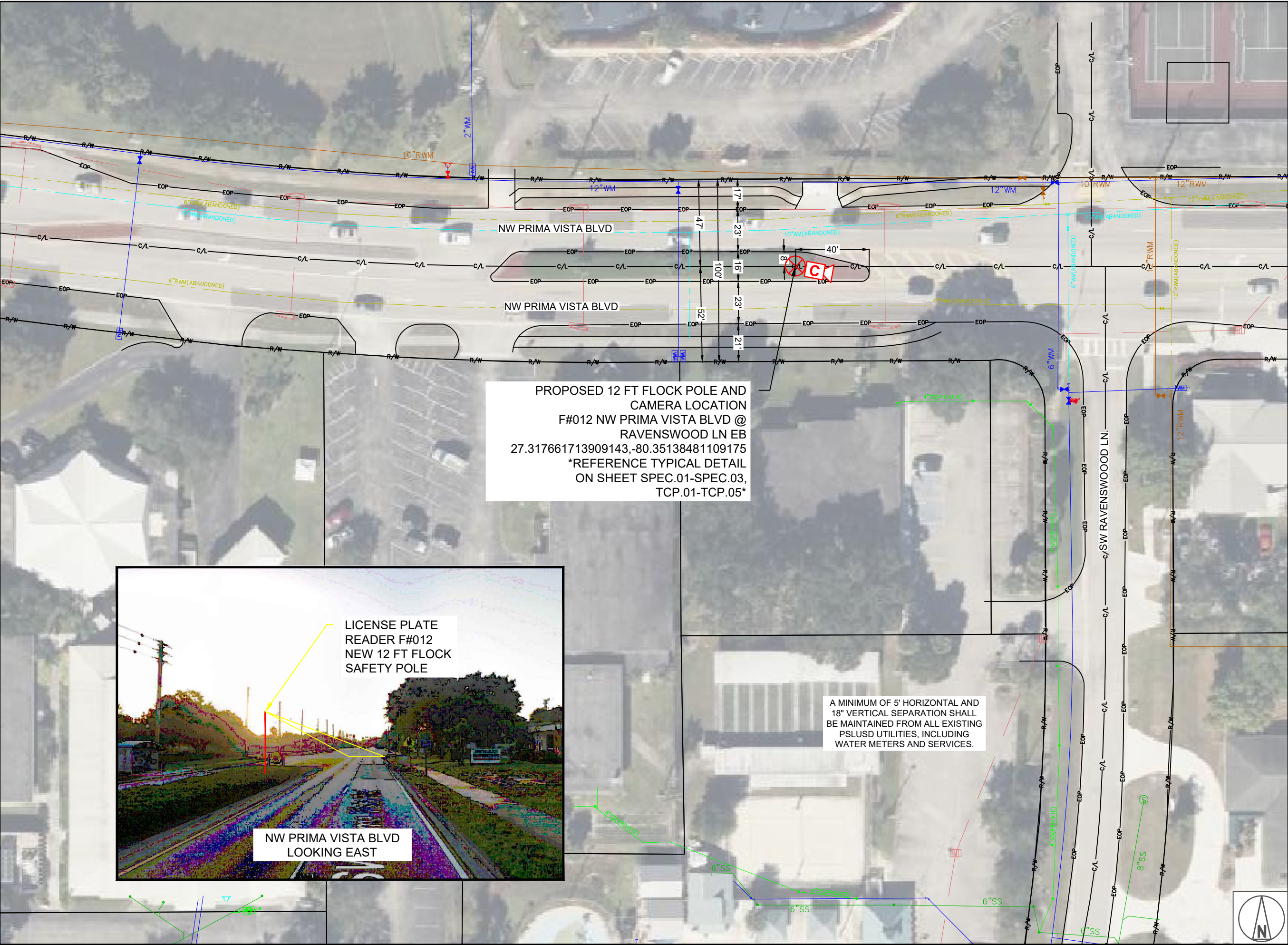


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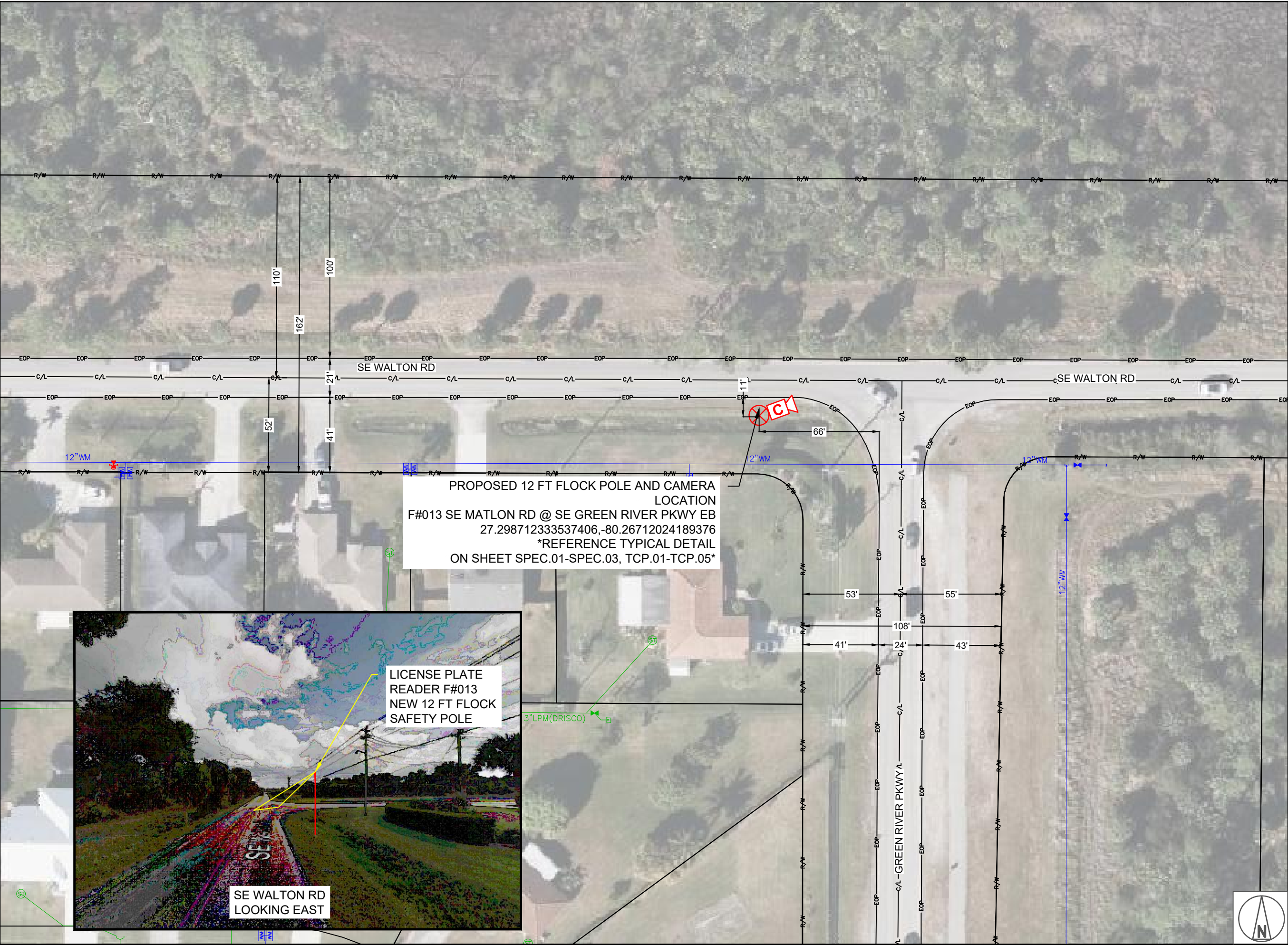


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SHEET 8



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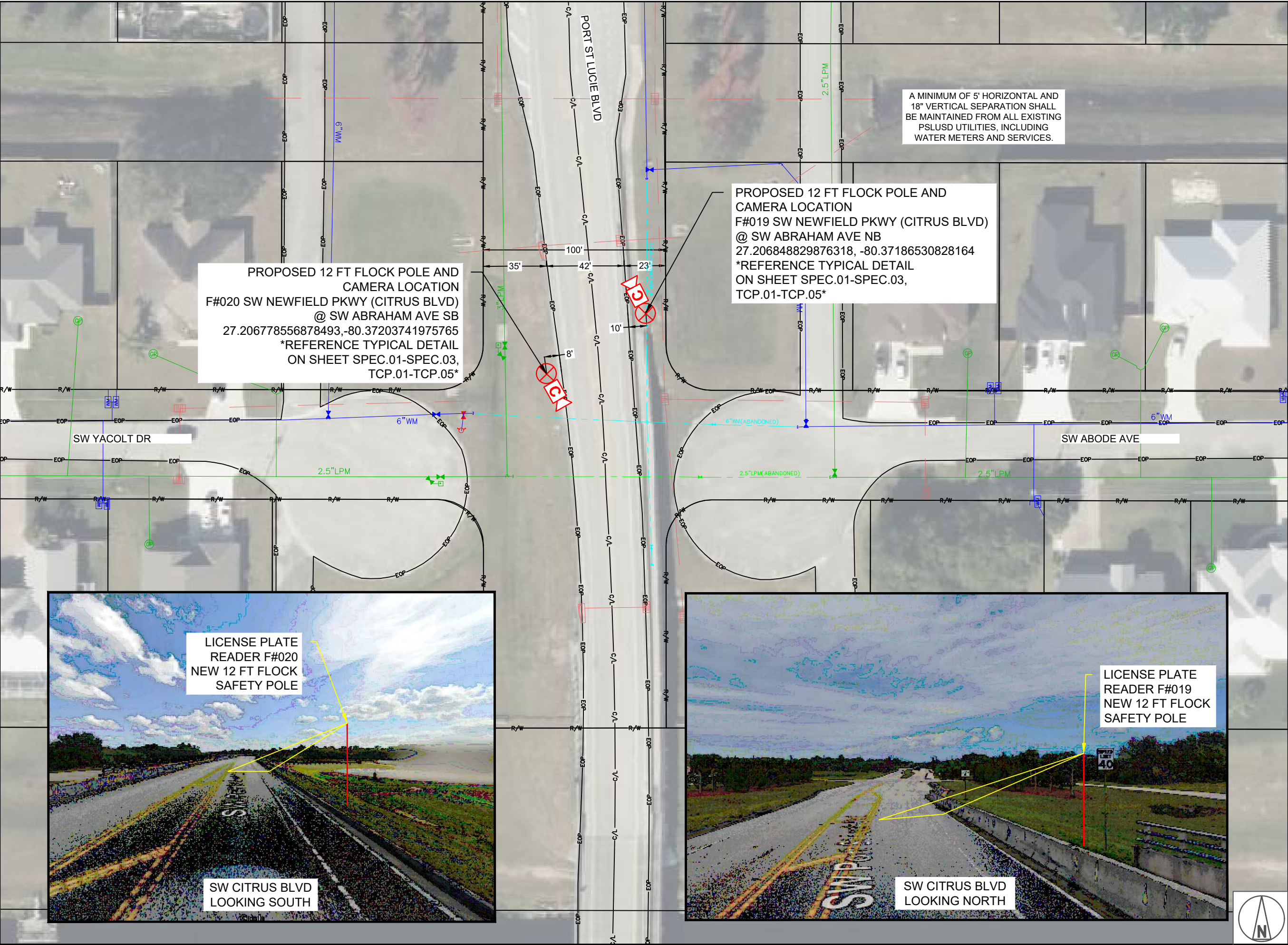


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957285

SHEET 9



1 INCH = 50 FEET

REVISIONS

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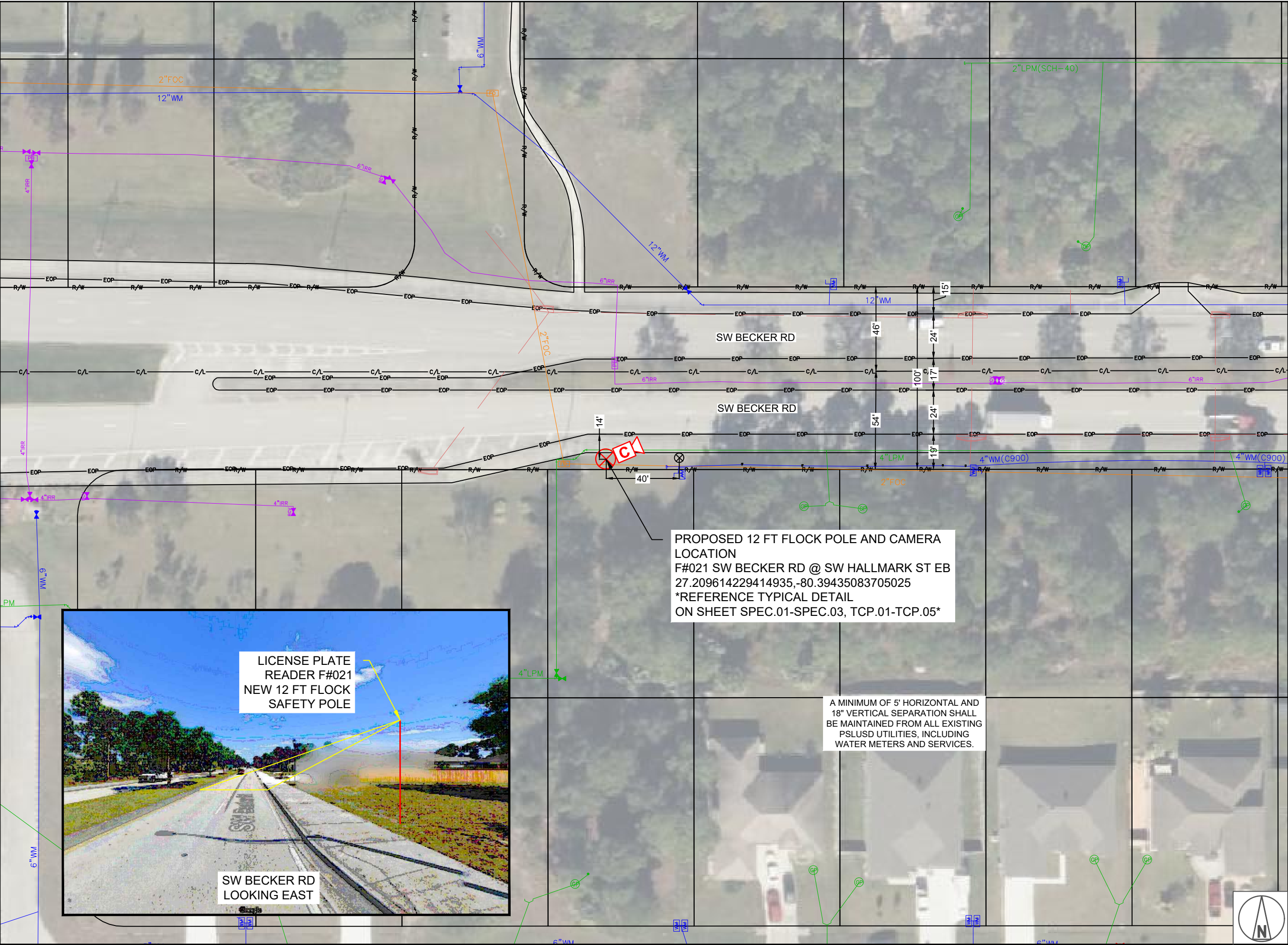
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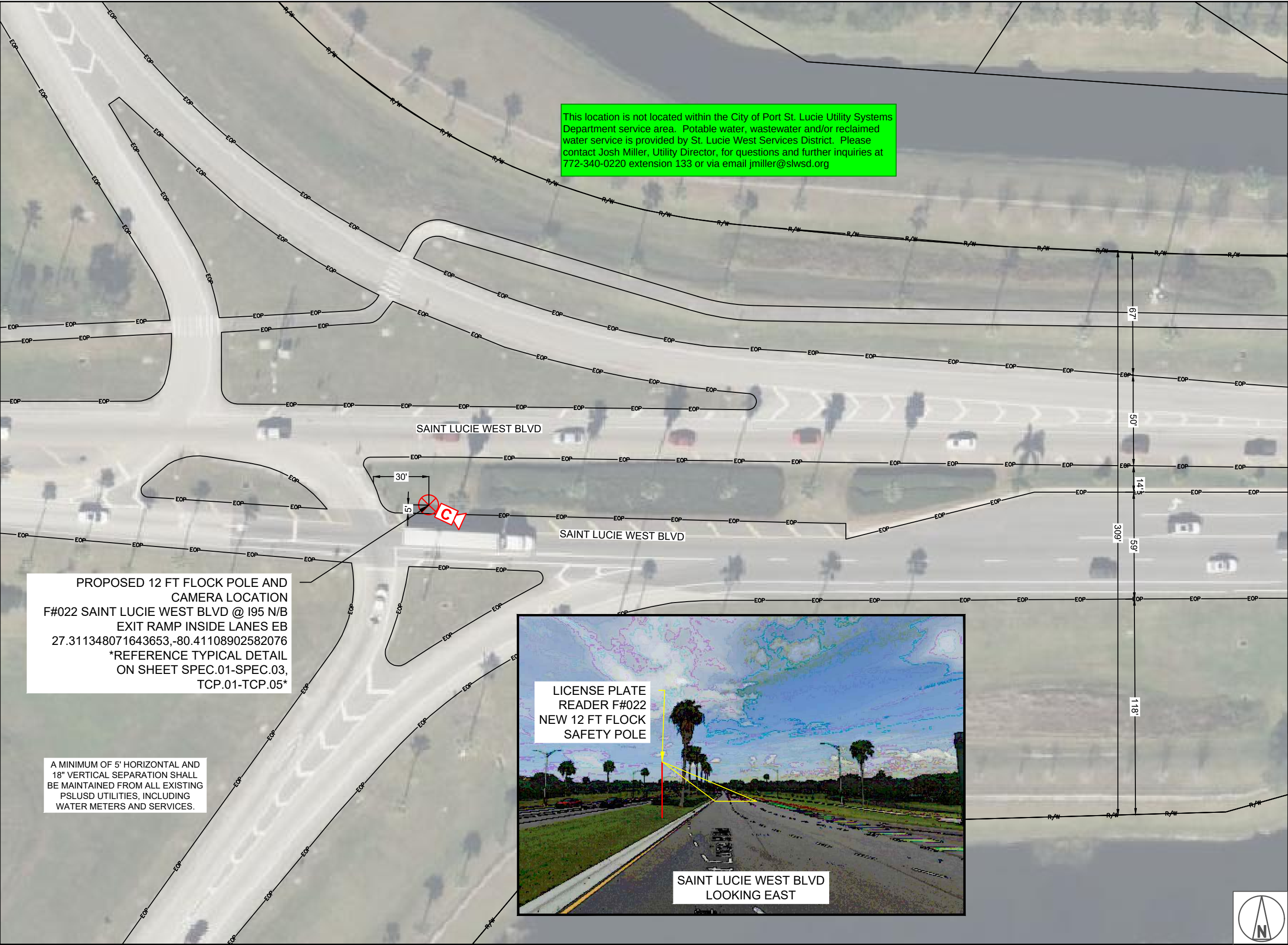
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957285

SHEET 11



This location is not located within the City of Port St. Lucie Utility Systems Department service area. Potable water, wastewater and/or reclaimed water service is provided by St. Lucie West Services District. Please contact Josh Miller, Utility Director, for questions and further inquiries at 772-340-0220 extension 133 or via email jmiller@slwsd.org

PROPOSED 12 FT FLOCK POLE AND CAMERA LOCATION
F#022 SAINT LUCIE WEST BLVD @ I95 N/B
EXIT RAMP INSIDE LANES EB
27.311348071643653,-80.41108902582076
*REFERENCE TYPICAL DETAIL
ON SHEET SPEC.01-SPEC.03,
TCP.01-TCP.05*

A MINIMUM OF 5' HORIZONTAL AND 18" VERTICAL SEPARATION SHALL BE MAINTAINED FROM ALL EXISTING PSLUSD UTILITIES, INCLUDING WATER METERS AND SERVICES.



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957285

SHEET 12

DESIGN NOTES

1. POLE AND FOUNDATIONS ARE DESIGNED IN ACCORDANCE WITH THE FOLLOWING CODES:
- 1.1. 2009/2012/2015/2018/2021 INTERNATIONAL BUILDING CODE

1.2. AASHTO LRFD SPECIFICATIONSFOR STRUCTURAL SUPPORT FOR HIGHWAY SIGNS, LUMIN, TRAFFIC SIGNALS, 2015 EDITION.
2. POLE ANALYSIS AND FOUNDATION DESIGN ARE BASED ON THE FOLLOWINGCRITERIA
- 2.1. DESIGN WIND SPEED (Vult)): (SEE SECTION 2.6)

2.2. RISK CATEGORY: II

2.3. EXPOSURE CATEGORY: C

2.4. TOPOGRAPHIC CATEGORY: 1

2.5. SEISMIC DESIGN CRITERIA:

2.5.1. SOIL SITE CLASS: D (ASSUMED)

2.5.2. SPECTRAL RESPONSE, Ss: 1.000g (MAXIMUM)

2.5.3. SPECTRAL RESPONSE, S1: 0.400G (MAXIMUM)

2.5.4. SEISMIC DESIGN CATEGORY: B

2.6. STRUCTURE BASE REACTIONS ARE CALCULATED AS FOLLOWS:

DESIGN WIND SPEED (MPH)	MOMENT (K-FT)	SHEAR (KIP)	AXIAL (KIP)
115	2.70	0.280	0.160
125	3.20	0.330	0.160
135 (MAX)	3.70	0.380	0.160

- 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. CONTRACTOR IS RESPONSIBLE FOR VERIFYING SOIL CONDITIONS PRIOR TO INSTALLATION.
4. FOUNDATION TO CONSIST OF CONCRETE SURROUNDING THE PROPOSED POLE WITH A MINMUM OF 3,000-PSI COMPRESSIVE STRENGTH.

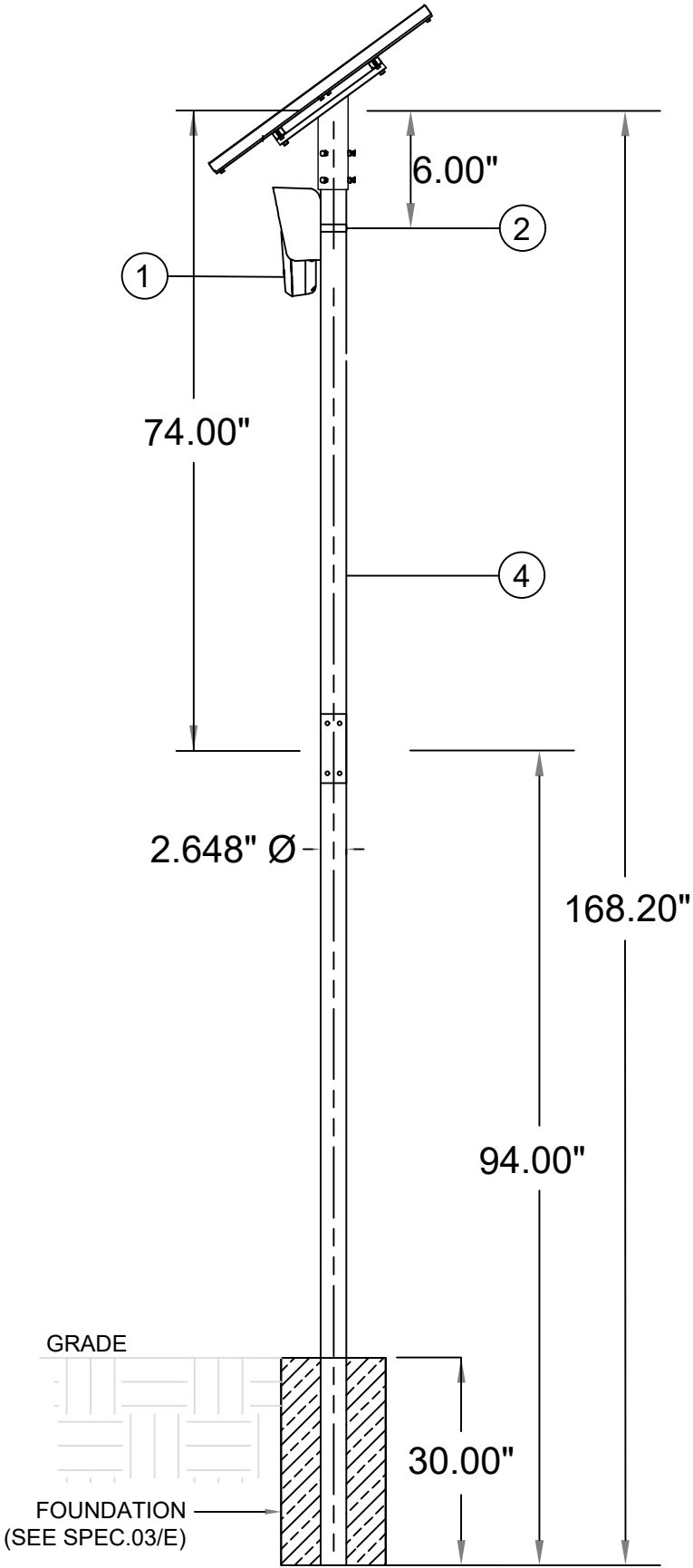
GENERAL & CONSTRUCTION NOTES

1. CONTRACTOR SHALL CONTACT DESIGNATED AGENCY TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
2. CONTRACTOR SHALL APPLY AND OBTAIN AN APPROVED TRAFFIC CONTROL PLAN IN ACCORDANCE WITH MUTCD AND LOCAL JURISDICTION STANDARDS.
3. CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO ORIGINAL SITE CONDITION TO THE SATISFACTION OF STATE DEPARTMENT OF TRANSPORTATION AND LOCAL JURISDICTION.
4. ALL WORK SHALL CONFORM TO APPLICABLE ELECTRICAL CODES EXCEPT WHEN STATE DEPARTMENT OF TRANSPORTATION OR LOCAL JURISDICTION STANDARDS SUPERSEDE.
5. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH SPECIFICATIONS DEFINED BY THE STATE DEPARTMENT OF TRANSPORTATION OR LOCAL JURISDICTION, UNLESS SPECIFICALLY STATED OR SHOWN OTHERWISE HEREIN.

ADA COMPLIANCE NOTES

1. ALL SIDEWALK CONSTRUCTION SHALL BE IN ACCORDANCE WITH ADA TITLE II, STATE DEPARTMENT OF TRANSPORTATION, AND LOCAL JURISDICTION STANDARDS,
2. STATE DEPARTMENT OF TRANSPORTATION CURRENT EDITION STANDARDS SHALL BE USED FOR PEDESTRIAN CONTROL PLANS WHEN CLOSURE OF SIDEWALK IS REQUIRED FOR CONSTRUCTION.
3. MINIMUM CLEAR PEDESTRIAN ACCESS ROUTE (PAR) SHALL BE 48" WIDE.
4. NO OBSTRUCTION IS PERMITTED ALONG THE WIDTH OF THE SIDEWALK. UP TO AN ELEVATION OD 7'-0" ABOVE GRADE.

ITEM NO.	PART NUMBER	DESCRIPTION	WEIGHT (LB)	QTY.
1	701-0059	FLOCK SAFETY CAMERA	3.6	1
2	201-00087	MOUNTING CLAMP	1.0	1
3	205-00010	60W SOLAR KIT	17.0	1
4	1020-01	STYLE 7 COUPLER ASSEMBLY	168.42	1



1 POLE ELEVATION DETAIL

SCALE: N/A

REVISIONS

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TYPICAL DETAILS

SPEC.01

1

1'-9 1/4"

FRONT

2'-4 3/16"

1'-7 5/16"

1 1/16"

PIPE SLEEVE MOUNT

SIDE

ISOMETRIC

60 WATT SOLAR PANEL DETAIL (TOP MOUNTED)

MOUNTING HARDWARE TO BE PROVIDED BY FLOCK SAFETY

NOT USED

2

5 7/16"

10 15 1/16"

FRONT

4 1 1/16"

10 15 1/16"

SIDE

ISOMETRIC

FLOCK SAFETY "FALCON" CAMERA

MOUNTING HARDWARE TO BE PROVIDED BY FLOCK SAFETY

6

NOT USED

3

0.022"

1 1/2" TO 3 1/2"

(38 MM TO 89 MM)

MCMaster-CARR QUICK-RELEASE CLAMP FOR FIRM HOSE AND TUBE,
201 STAINLESS STEEL WITH 410 STAINLESS STEEL SCREW
130 MPH WIND RATING
PART NUMBER: 5322K58

1 1/2" TO 3 1/2"
(38 MM TO 89 MM)

3/8" HEX

9/16"

MOUNTING CLAMP

NOTE: LARGER DIAMETER POLES WILL USE AN EQUIVALENT 201 STAINLESS STEEL STRAPPING CUT TO LENGTH.

7

NOT USED

4

NOT USED

8

NOT USED

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811

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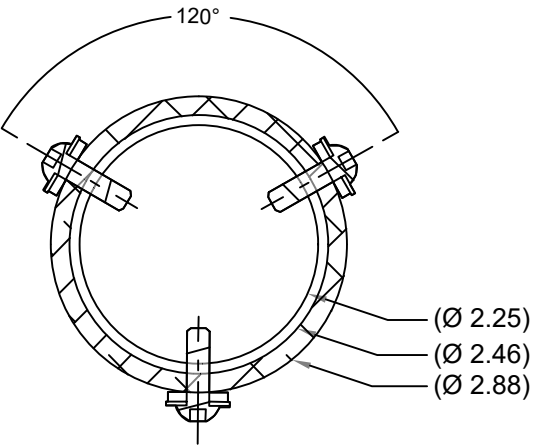
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TYPICAL DETAILS

SPEC.02

ITEM NO.	DESCRIPTION	QTY.
1	2.5" SCH 40 2.875OD 74.000L	1
2	2.5 SCH 40 2.875OD 94.000L	1
3	BUT TORX 0.250-20 TAMPER-RESISTANT	6
4	INSERT SLEEVE STYLE 7 TAPPED	1
5	ORING	1
6	WASHER	6
7	CONCRETE FOOTING	1
8	HBOLT 0.2500-20	1

PROVELI STYLE 7 COUPLER ASSEMBLY
PART #: 1020-01
MATERIAL: VARIES
WEIGHT: 168.42 LBS
DATE: 09/27/2023
DO NOT SCALE DRAWINGS (NTS)



SECTION C-C

REVISIONS

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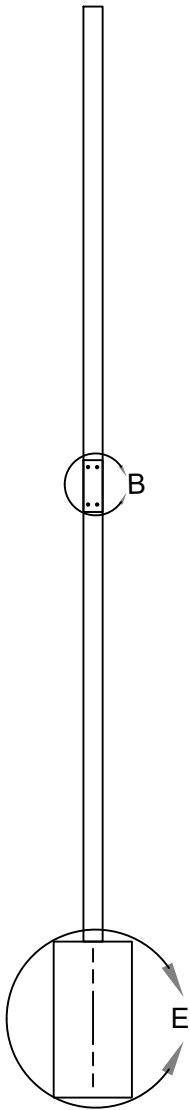
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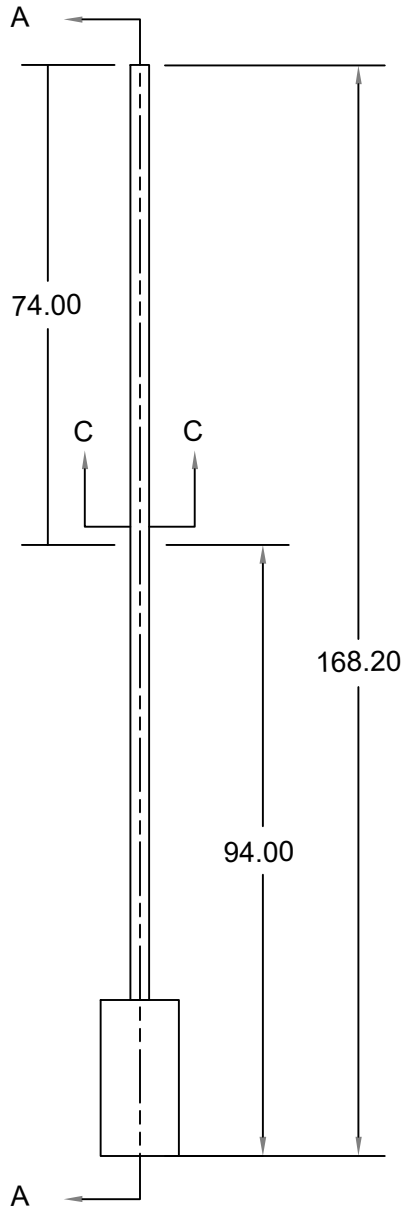
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TYPICAL DETAILS

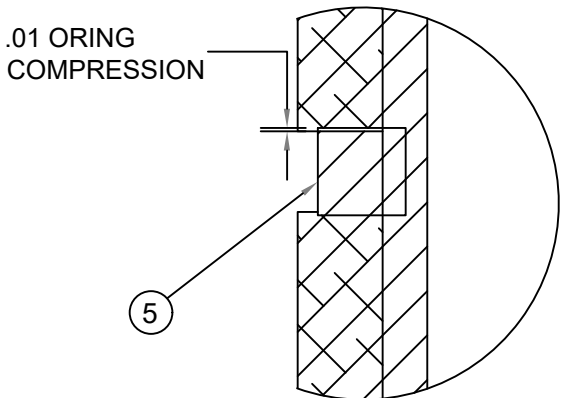
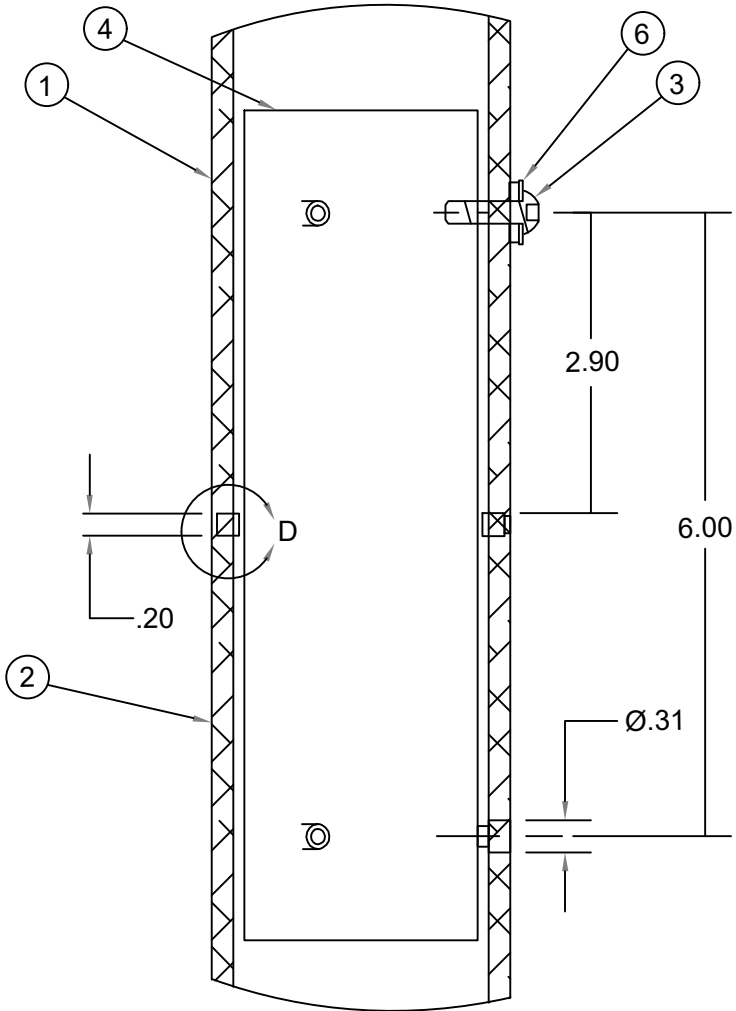
SPEC.03



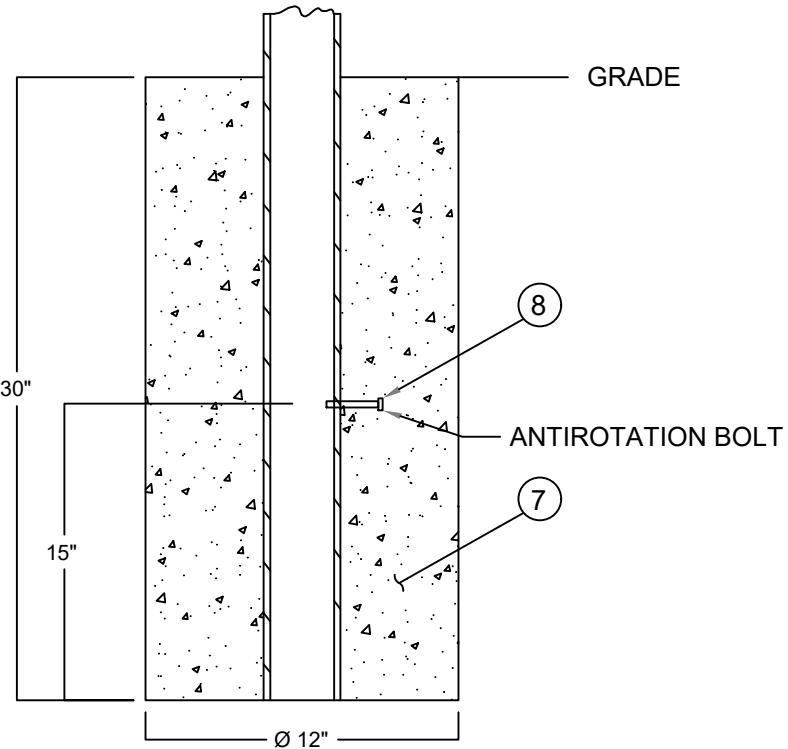
SECTION A-A



DETAIL B



DETAIL D



DETAIL E

NOTE: CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.

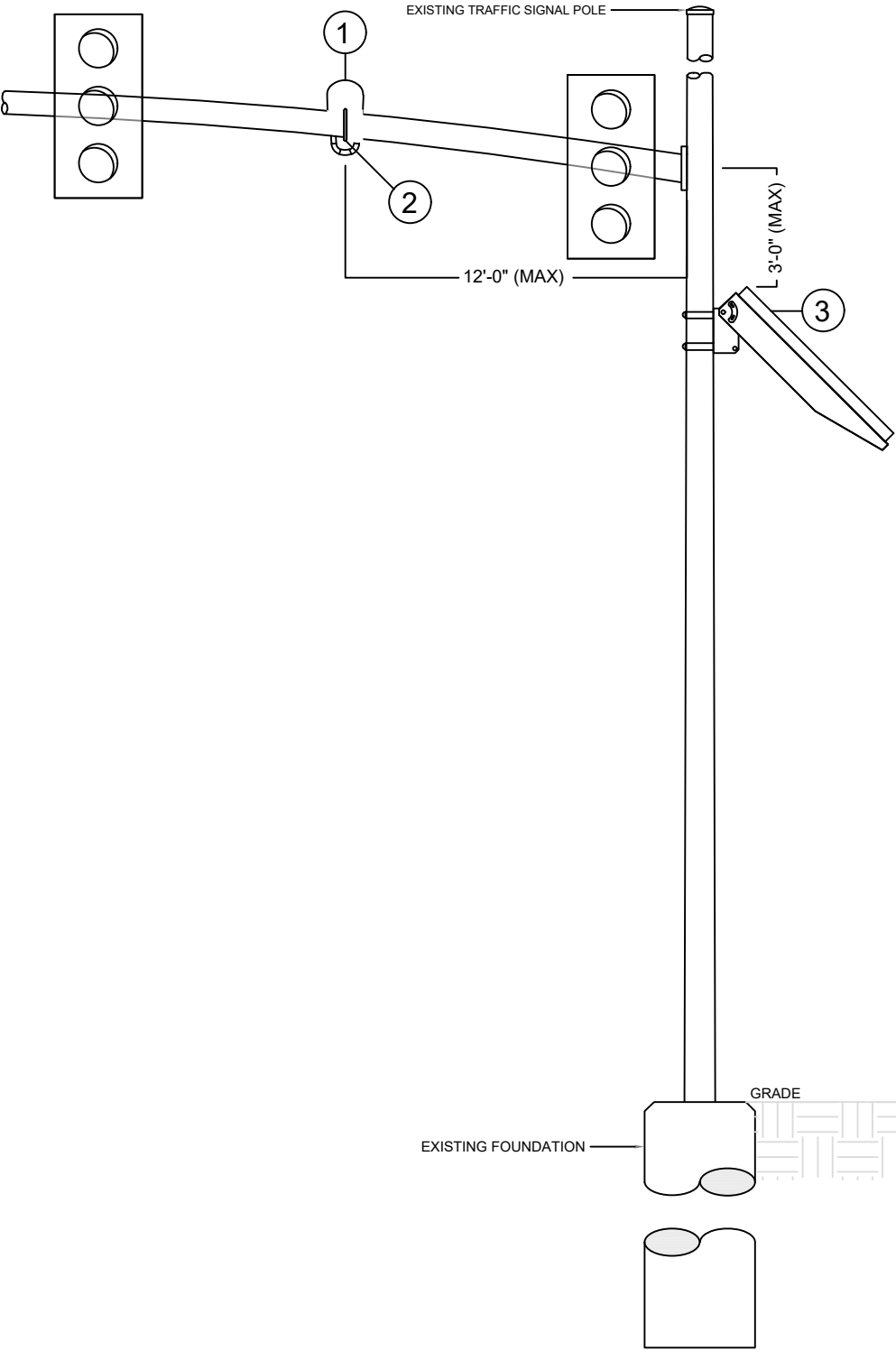
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1	701-0059	FLOCK SAFETY CAMERA	3.6	1
2	201-00087	MOUNTING CLAMP	2.0	1
3	205-00010	60W SOLAR KIT	17.0	1



1 POLE ELEVATION DETAIL

SCALE: N/A

NOTE:
DRAWINGS BASED ON TYPICAL TRAFFIC SIGNAL POLE

REVISIONS

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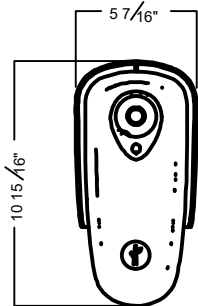


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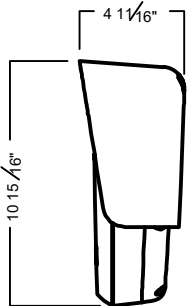
TYPICAL DETAILS

SPEC.03

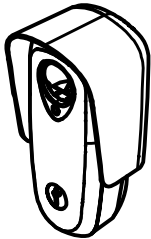
1



FRONT



SIDE



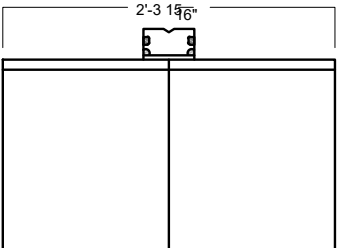
ISOMETRIC

FLOCK SAFETY "FALCON" CAMERA

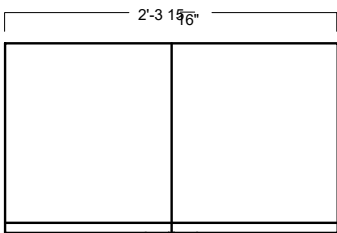
MOUNTING HARDWARE TO BE PROVIDED BY FLOCK SAFETY

5 NOT USED

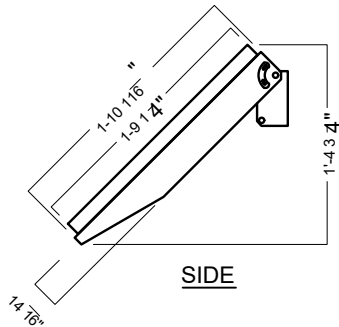
2



TOP



FRONT



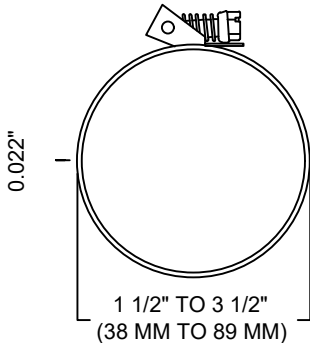
SIDE

60 WATT SOLAR PANEL DETAIL (SIDE MOUNTED)

MOUNTING HARDWARE TO BE PROVIDED BY FLOCK SAFETY

6 NOT USED

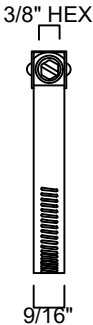
3



MCMaster-CARR QUICK-RELEASE CLAMP FOR FIRM HOSE AND TUBE,
201 STAINLESS STEEL WITH 410 STAINLESS STEEL SCREW
PART NUMBER: 5322K58

MOUNTING CLAMP

MOUNTING HARDWARE TO BE PROVIDED BY FLOCK SAFETY



7 NOT USED

4 NOT USED

8 NOT USED

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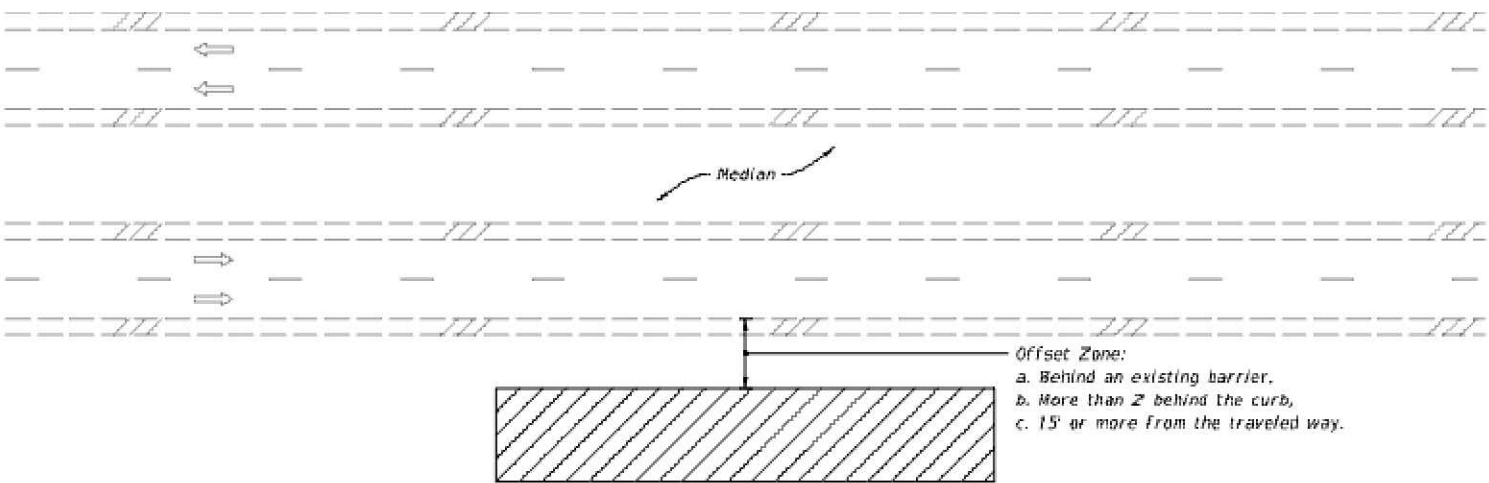


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TYPICAL DETAILS

SPEC.03

8/18/2023 #30571 AM



MULTILANE ROADWAY SHOWN, TWO-LANE ROADWAY SIMILAR

NOTES:

- 1. This Index applies to Two-Lane, Two-Way and Multilane Roadways, including Medians of divided roadways, with work beyond the shoulder.
- 2. Use Index 102-602 when the work operation (excluding establishing and terminating the work area) requires that two or more work vehicles cross the Offset Zone in any one hour period.
- 3. Use Index 102-660 when Work Area encroaches a Sidewalk.

SYMBOLS:

- Work Area
- Lane Identification and Direction of Traffic

LAST REVISION	DESCRIPTION:	FDOT	FY 2024-25 STANDARD PLANS	TWO-LANE AND MULTILANE ROADWAY, WORK BEYOND THE SHOULDER	INDEX	SHEET
11/01/20					102-601	1 of 1

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TYPICAL DETAILS

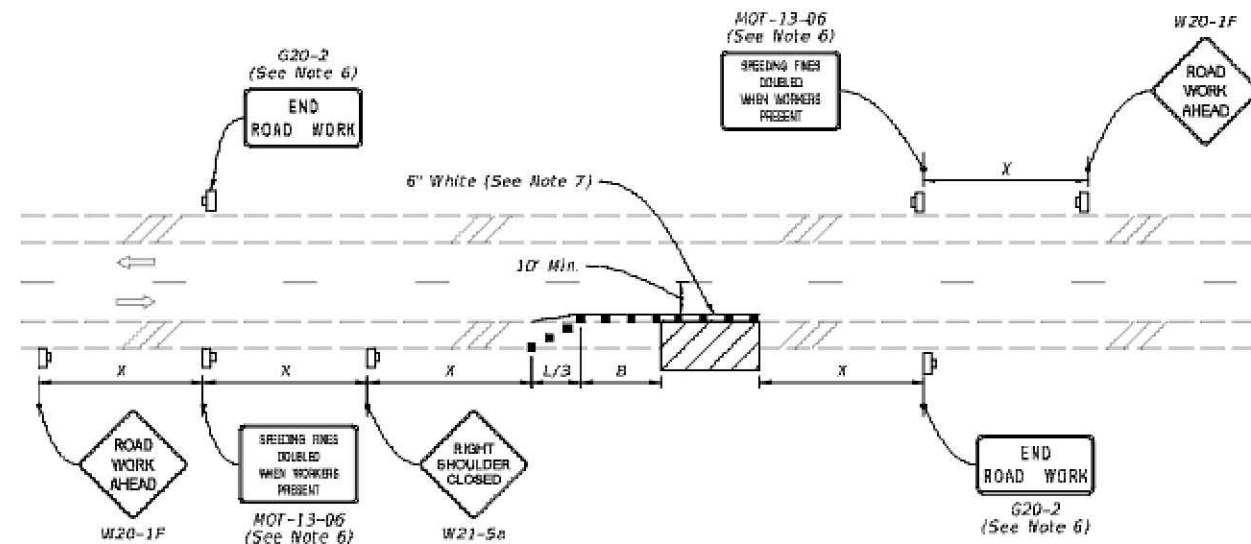
TCP.01

NOTE:

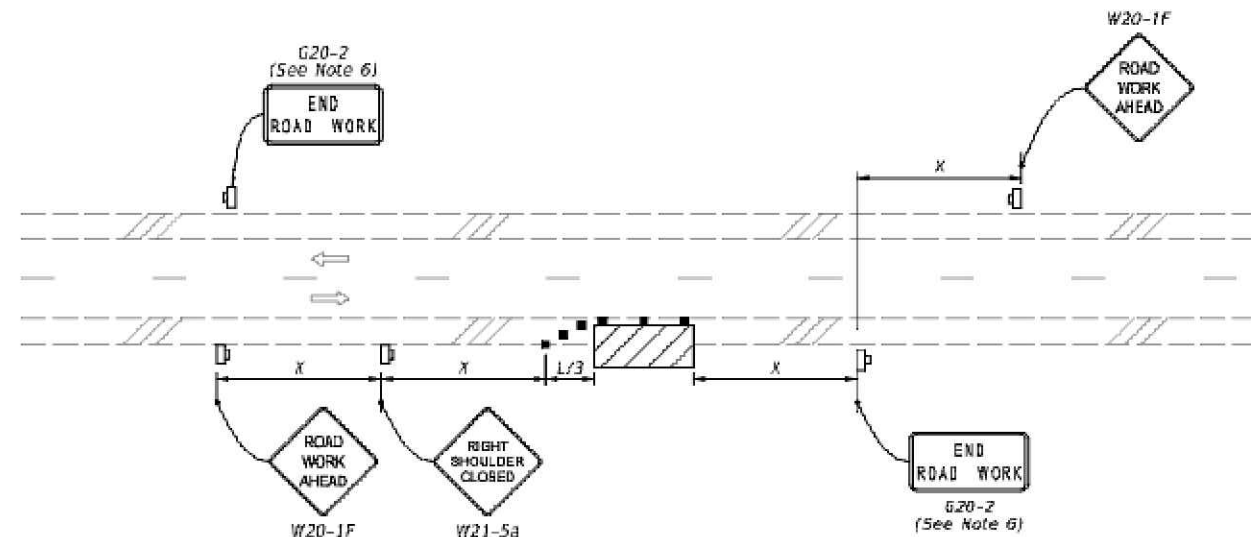
1. This Index applies to Two-Lane, Two-Way and Multilane Roadways, including Medians of divided roadways, with work on the shoulder.
2. L = Taper Length
 X = Work Zone Sign Spacing
 B = Buffer Length
See Index 102-600 for " L ", " X ", " B ", and channelizing device spacing values.
3. Where work activities are between 2' and 15' from the edge of traveled way, the Engineer may omit signs and channelizing devices for work operations 60 minutes or less.
4. When four or more work vehicles enter the through traffic lanes in a one hour period (excluding establishing and terminating the work area), use a Flagger or lane closure to accommodate work vehicle ingress and egress.
5. For work less than 2' from the traveled way and work zone speed is greater than 45 MPH, use a lane closure.
6. The "Speeding Fines Doubled When Workers Present" signs (MOT-13-06) and "End Road Work" Signs (G20-2) along with the associated work zone sign spacing distances may be omitted when the work operation is in place for 24 hours or less.
7. Temporary pavement markings may be omitted when the work operation is in place for 3 days or less.
8. Omit "Shoulder Closed" signs (W21-5a) along with associated work zone sign spacing distances for work on the median.
9. When there is no paved shoulder, the "Worker" sign (W21-1) may be used instead of the "Shoulder Closed" sign (W21-5a).

SYMBOLS:

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



TWO-LANE ROADWAY
SHOULDER WORK LESS THAN 2' FROM THE TRAVELED WAY
WITH WORK ZONE SPEED OF 45 MPH OR LESS



TWO-LANE ROADWAY
SHOULDER WORK BETWEEN 2' AND 15' FROM THE TRAVELED WAY

REVISIONS

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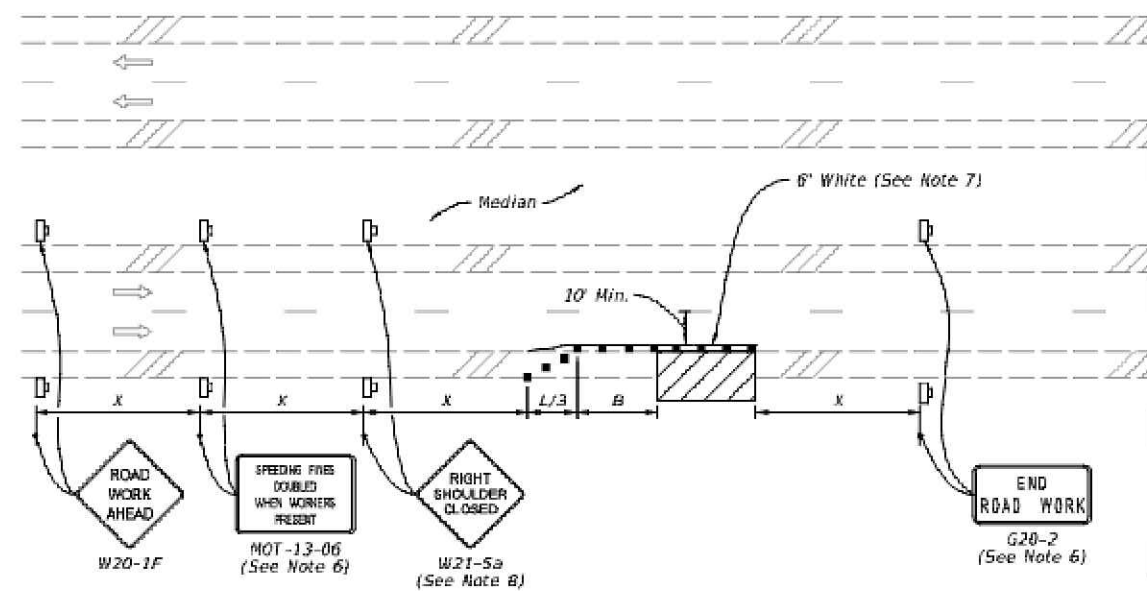
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TYPICAL DETAILS

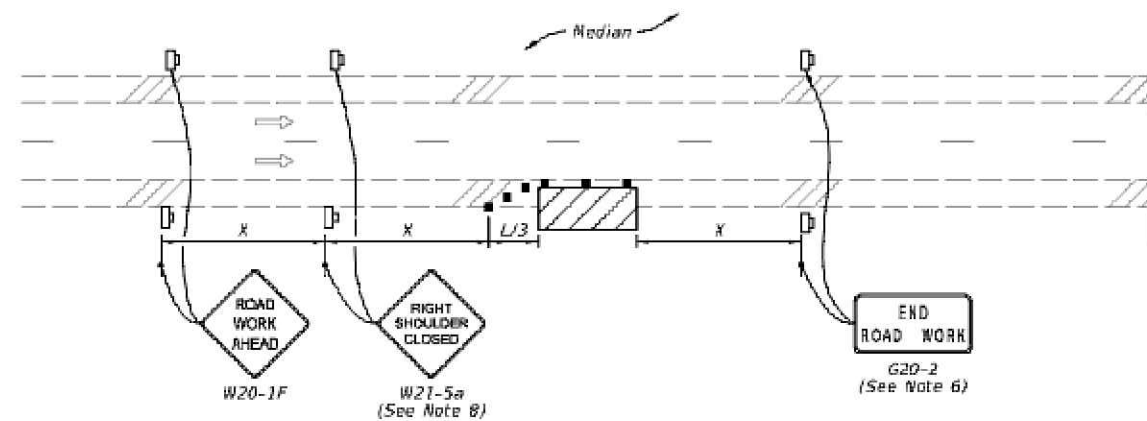
TCP.02

11/01/20
11/01/20

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



MULTILANE ROADWAY
SHOULDER WORK LESS THAN 2' FROM THE TRAVELED WAY
WITH WORK ZONE SPEED OF 45 MPH OR LESS



MULTILANE ROADWAY
SHOULDER WORK BETWEEN 2' AND 15' FROM THE TRAVELED WAY

REVISIONS

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TYPICAL DETAILS

TCP.03

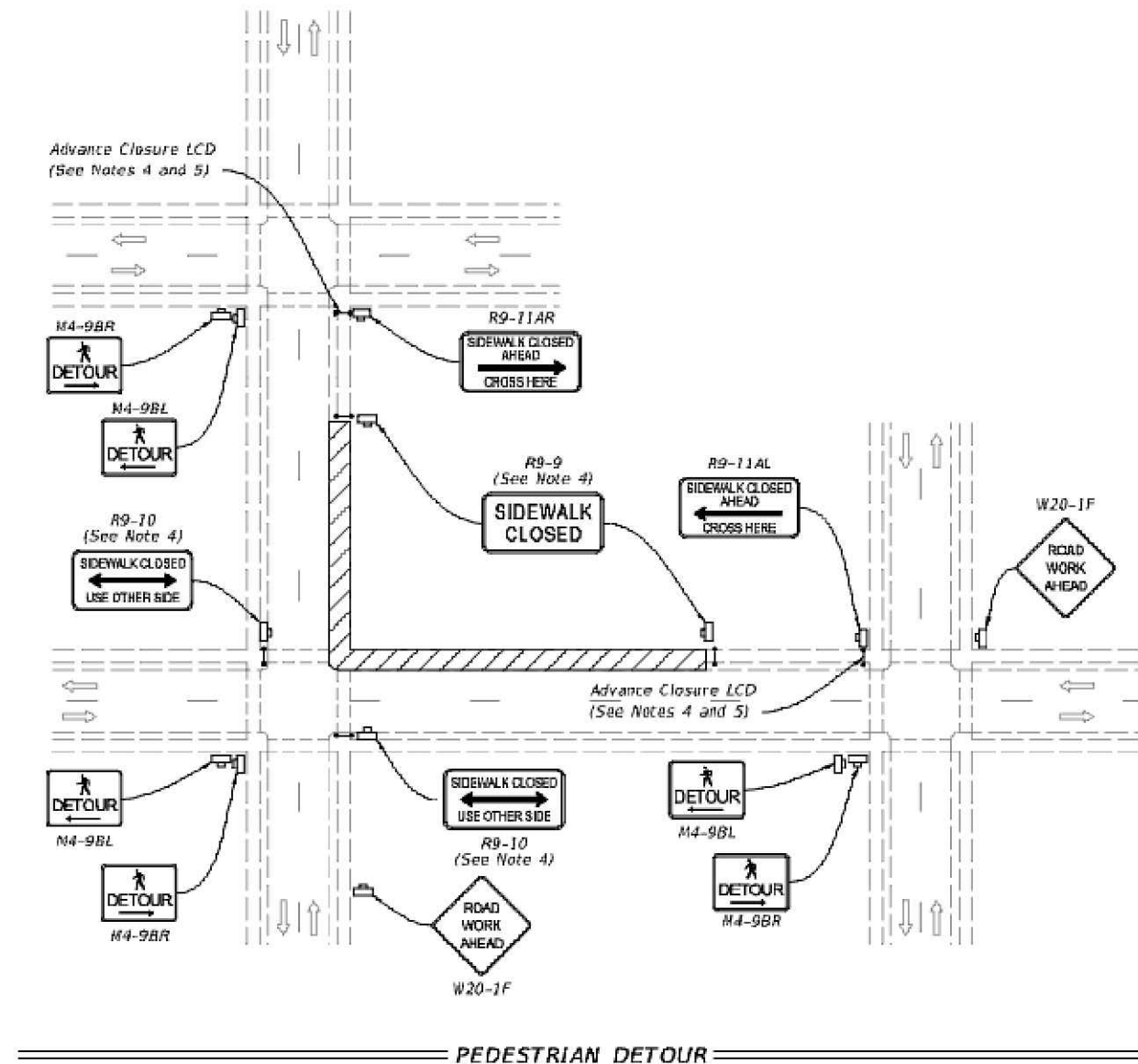
LAST REVISION	DESCRIPTION	FDOT	FY 2024-25 STANDARD PLANS	TWO-LANE AND MULTILANE, WORK ON SHOULDER	INDEX	SHEET
11/01/20					102-602	2 of 2

NOTES:

1. Cover or deactivate pedestrian traffic signal display(s) controlling closed crosswalks.
2. Place pedestrian LCDs across the full width of the closed sidewalk.
3. For post mounted signs located near or adjacent to a sidewalk, maintain a minimum 7' clearance from the bottom of the sign panel to the surface of the sidewalk.
4. "Sidewalk Closed" signs (R9-XX) may be mounted on pedestrian LCDs in accordance with the manufacturer's instructions.
5. Omit the Advance Closure LCD if it blocks access to other pedestrian facilities (e.g., transit stops, residences, or business entrances).

SYMBOLS:

- Work Area
- Work Zone Sign
- Pedestrian Longitudinal Channelizing Device (LCD)
- Lane Identification and Direction of Traffic



PEDESTRIAN DETOUR

REVISIONS

DATE	REV	DESCRIPTION

I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY MYSELF OR UNDER MY DIRECT SUPERVISION THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF FLORIDA

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EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY AND BASED ON AVAILABLE RECORDS AND FIELD OBSERVATIONS. CONTRACTOR IS RESPONSIBLE FOR CALLING 811 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES AND ANY DAMAGE TO THE UTILITIES SHALL BE IMMEDIATELY REPAIRED AT THE CONTRACTORS EXPENSE.

TYPICAL DETAILS

TCP.04

10/24/2023 10:39:04 AM

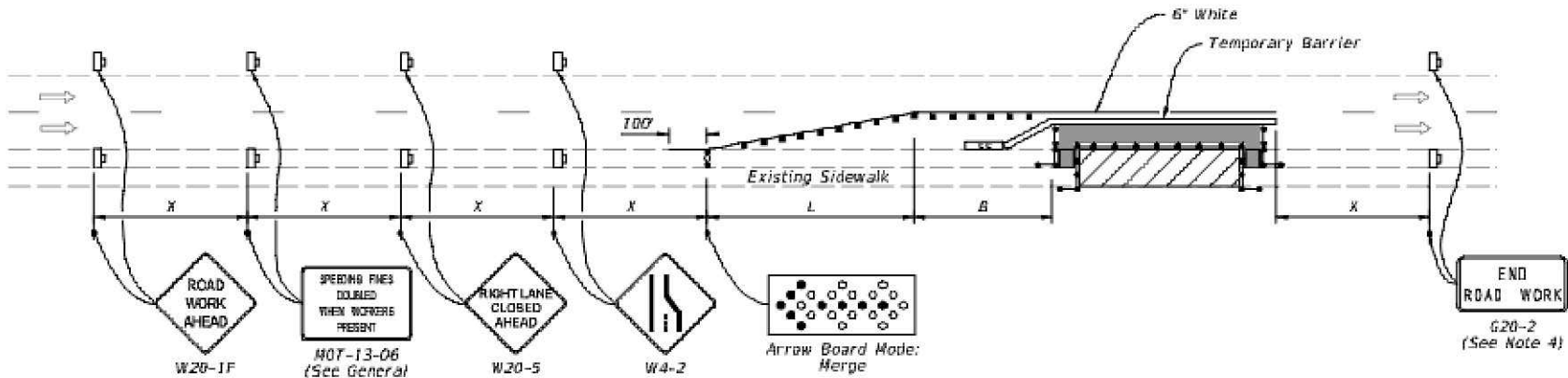
LAST REVISION	DESCRIPTION:	FDOT	FY 2024-25 STANDARD PLANS	SIDEWALK CLOSURE	INDEX	SHEET
11/01/20					102-660	1 of 2

NOTES:

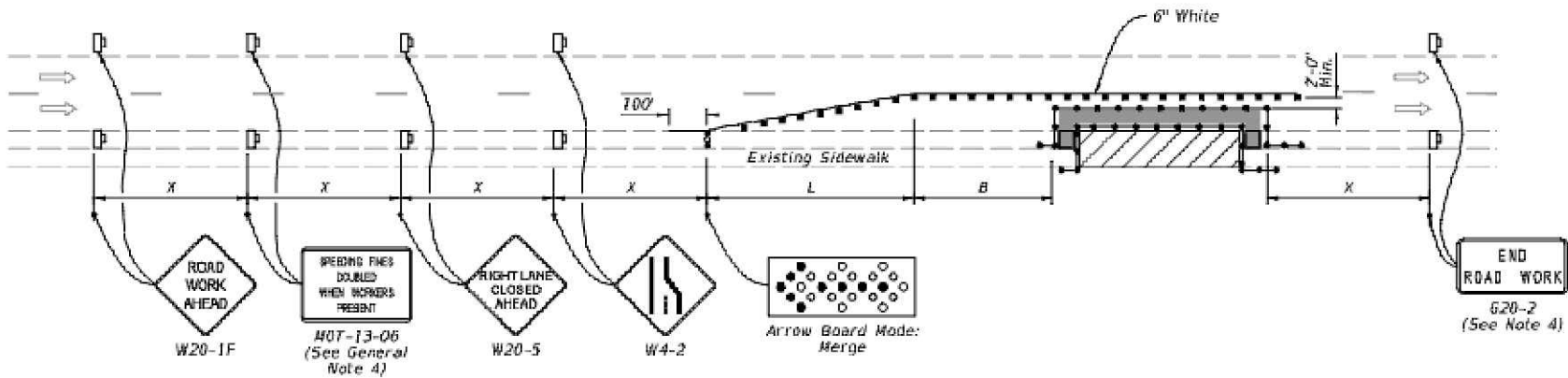
1. L = Taper Length
B = Buffer Length
X = Work Zone Sign Distance
See Index 102-600 for "L", "B", "X", channelizing device spacing values.
2. Provide a 5' wide temporary pedestrian way with a maximum cross-slope of 0.02, except where space restrictions warrant a minimum width of 4'. Provide a 5' x 5' passing space for temporary pedestrian ways less than 5' in width at intervals not to exceed 200'.
3. When temporary pedestrian ways require curb ramps, meet the requirements of Index 522-002. Detectable warnings are not required for curb ramps diverting pedestrian traffic into a closed lane.
4. The "Speeding Fines Doubled When Workers Present" signs (MOT-13-06) and "End Road Work" signs (G20-2), along with associated work zone sign distances, may be omitted when the work operation will be in place for 24 hours or less.
5. Pedestrian Diversion Option 2 may only be used when called for in the Plans or as approved by an Engineer.

SYMBOLS:

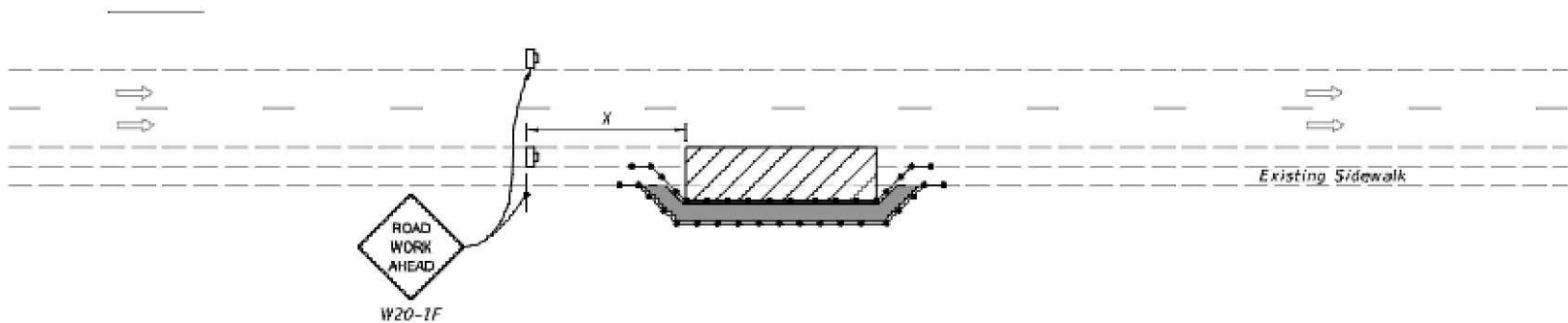
-  Work Area
-  Temporary Pedestrian Way
-  Channelizing Device (See Index 102-600)
-  Pedestrian Longitudinal Channelizing Device (LCD)
-  Work Zone Sign
-  Arrow Board
-  Crash Cushion
-  Lane Identification and Direction of Traffic



PEDESTRIAN DIVERSION - OPTION 1
(Temporary Barrier Shown, Low Profile Barrier Similar)



PEDESTRIAN DIVERSION - OPTION 2
(Work Zone Speed 45 mph or Less)



PEDESTRIAN SPECIAL DETOUR

REVISIONS

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TYPICAL DETAILS

TCP.05