



COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM REQUEST FORM

The Board of County Commissioners meets the 1st and 3rd Thursday of each month at 5:30 p.m. in the Columbia County School Board Administrative Complex Auditorium, 372 West Duval Street, Lake City, Florida 32055. All agenda items are due in the Board's office one week prior to the meeting date.

Today's Date: April 7, 2017 Meeting Date: April 20, 2017

Name: Kevin Kirby Department: Public Works Department

Division Manager's Signature: [Handwritten Signature]

1. Nature and purpose of agenda item:

Utility permit from Florida Power and Light for the purpose of replacing existing wood pole with proposed wood, install proposed concrete pole, and install 1 AFS.

Attach any correspondence information, documents and forms for action i.e., contract agreements, quotes, memorandums, etc.

2. Fiscal impact on current budget.

Is this a budgeted item? [X] N/A [ ] Yes Account No. [ ] No Please list the proposed budget amendment to fund this request

Budget Amendment Number: Fund:

FROM: TO: AMOUNT:

For Use of County Manger Only:

[X] Consent Item [ ] Discussion Item

**COLUMBIA COUNTY BOARD OF COUNTY COMISSIONERS  
UTILITY PERMIT**

Date: 3/30/17 Permit No. \_\_\_\_\_ County Road \_\_\_\_\_ Section No. \_\_\_\_\_

Permittee Florida Power & Light

Address 9001 Ellis Rd., Melbourne, FL 32904 Telephone Number 321-726-4804

Requesting permission from Columbia County, Florida, hereinafter called the County, to contract, operate and maintain Replace existing wood pole with proposed wood, install proposed concrete pole, & install 1 AFS located at Pinemount Rd.

FROM: \_\_\_\_\_ TO: \_\_\_\_\_

Submitted for the Utility Owner by: Valerie Slyter-Prmt Admn. Valerie Slyter 3/30/17  
Typed Name & Title Signature Date

1. Permittee declares that prior to filing this application it has determined the location of all existing utilities, both aerial and underground and the accurate locations are shown on the plans attached hereto and made a part of this application. Proposed work is within corporate limits of Municipality: YES ( ) NO ( ). If YES: LAKE CITY ( ) FORT WHITE ( ). A letter of notification was mailed on \_\_\_\_\_ to the following utility owners \_\_\_\_\_

2. The Columbia County Public Works Director shall be notified twenty-four (24) hours prior to starting work and again immediately upon completion of work. The Public Works Director is \_\_\_\_\_, located at \_\_\_\_\_ Telephone Number \_\_\_\_\_. The PERMITTEE's employee responsible for Maintenance of Traffic is \_\_\_\_\_ Telephone Number \_\_\_\_\_ (This name may be provided at the time of the 24 hour notice to starting work.)

3. This PERMITTEE shall commence actual construction in good faith within \_\_\_\_\_ days after issuance of permit, and shall be completed within 180 days after permitted work has begun. If the beginning date is more than 60 days from date of permit approval, then PERMITTEE must review the permit with the Columbia County Public Works Director to make sure no changes have occurred in the transportation facility that would affect the permitted construction.

4. The construction and maintenance of such utility shall not interfere with the property and rights of a prior PERMITTEE.

5. It is expressly stipulated that this permit is a license for permissive use only and that the placing of utilities upon public property pursuant to this permit shall not operate to create or vest any property right in said holder.

6. Pursuant to Section 337-403(1), Florida Statutes, whenever necessary for the construction, repair, improvement, maintenance, safe and efficient operation, alteration or relocation of all, or any portion of said transportation facility as determined by the Columbia County Public Works Director and/or County Engineer, any or all utilities and appurtenances authorized hereunder, shall be immediately removed from said transportation facility or reset or

relocated thereon as required by the Columbia County Public Works Director and/or County Engineer and at the expense of the PERMITTEE.

7. In case of non-compliance with the County's requirements in effect as of the approval date of this permit, this permit void and the facility will have to be brought into compliance or removed from the right of way at no cost to the County.

8. It is understood and agreed that the rights and privileges herein set out are granted only to the extent of the County's right, title and interest in the land to be entered upon and used by the PERMITTEE, and the PERMITTEE will, at all times, and to the extent permitted by law, assume all risk of and indemnify, defend, and save harmless Columbia County, Florida from any and all loss, damage, cost or expense arising in any manner on account of the exercise or attempted exercise by said PERMITTEE of the aforesaid right and privileges.

9. During construction, all safety regulations of the County shall be observed and the PERMITTEE must take measures, including pacing and the display of safety devices that may be necessary in order to safely conduct the public through the project area in accordance with the Federal Manual on Uniform Traffic Control Devices, as amended for highways.

10. Should the PERMITTEE be desirous of keeping its utilities in place and out of service, the PERMITTEE, by execution of this permit acknowledges its present and continuing ownership of its utilities located between \_\_\_\_\_ and \_\_\_\_\_ within the County's right of way as set forth above. PERMITTEE, as its sole expense, shall promptly remove said out of service utilities whenever Columbia County Public Works Director and/or County Engineer determines said removal is in the public interest.

11. Special instructions: Minimum cover of thirty inches (30") will be required at all locations. Columbia County will not be financially responsible for any damage to facilities with less than thirty inches (30") cover. Cables shall not be located within driveway ditches.

12. Additional Stipulations: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

It is understood and agreed that commencement by the PERMITTEE is acknowledgment and acceptance of the binding nature of these specialist instructions.

Submitted By: Valerie Slyter  
Permittee

 Permit Admin.  
Signature and Title

Place Corporate Seal

\_\_\_\_\_  
Attested

Utilities Permit  
Page three  
Revised: 8/17/00

Recommended for Approval:

Signature: 

Title: ASS County Manager

Date: 04-06-17

Approval by Board of County Commissioners, Columbia County, Florida:

YES ( )      NO ( )

Date Approved: \_\_\_\_\_

Chairman's Signature: \_\_\_\_\_

*Rec'd  
4-3-17*

# Cover Sheet: WR#7515009

Page 1 of 5

INACCESSIBLE

13KV

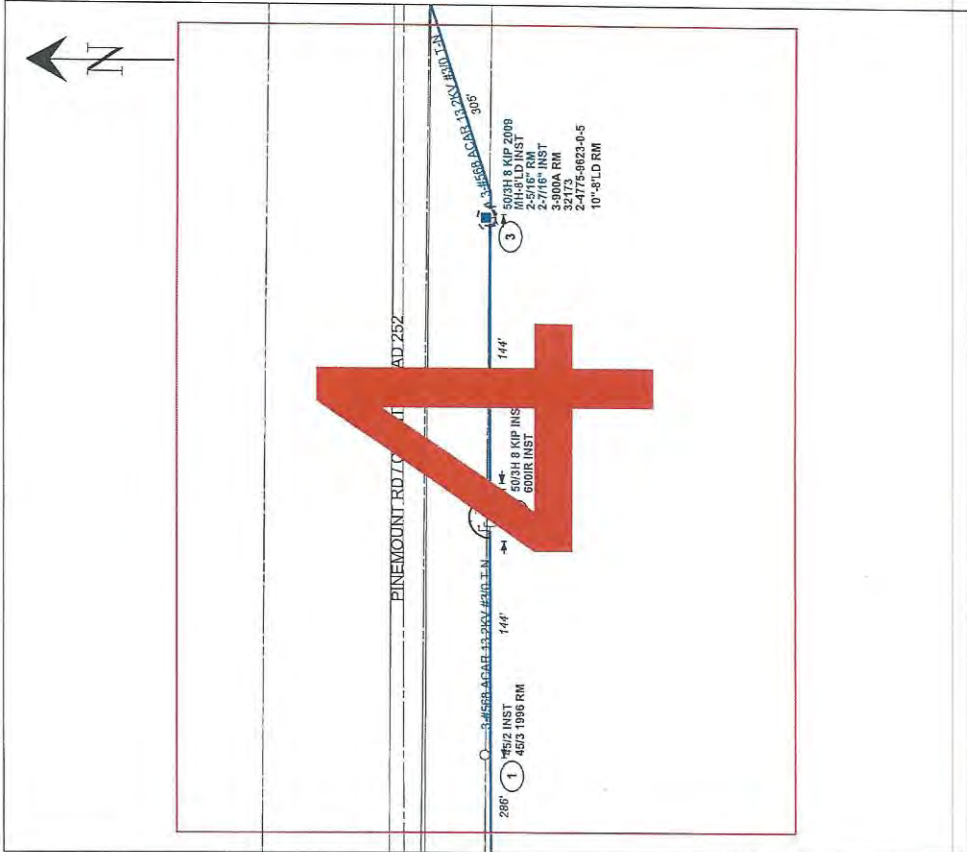
FUTURE 23KV

SALT SPRAY

ROCK

**GENERAL NOTES**  
 - NOTIFY CUSTOMERS OF TEMPORARY POWER AND TRAFFIC INTERRUPTIONS.  
 - PROVIDE WARNING SIGNALS FOR PEDESTRIANS AND TRAFFIC SIGNALS FOR MOTORISTS.  
 - SERVICE TO TRAFFIC SIGNAL, SCHOOL FLASHING SIGNAL AND LIFT STATIONS MUST REMAIN ENERGIZED AT ALL TIMES.

**STAKING NOTES:**  
 - INTERMEDIATE POLES: STAKE POLES IN-LINE AT STATED DISTANCES.  
 - POLE REPLACEMENT: STAKE POLES IN-LINE AND WITHIN 2' OF EITHER SIDE OF EXISTING POLE UNLESS OTHERWISE NOTED.  
 - ALL POLES STAKED WITH FIELD SIDE FACE AT ROW LINE UNLESS OTHERWISE NOTED.  
 - SEE BELOW FOR ADDITIONAL DETAILED STAKING NOTES.

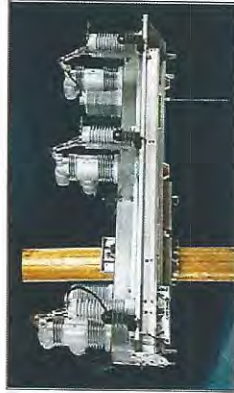


Map data ©2017 Google



### Construction Notes:

1. FRAME IN-LINE BY-PASS SWITCHES ON CROSSARM WITH B-PHASE IN ARM POSITION TO MATCH THE SWITCH POLE ARRANGEMENT OF THE IR. PER DCS C-9.5.0 ATTACHED.
2. BY-PASS SWITCHES ARE TO BE LOCATED ON SIDE OPPOSITE IR. INSTALL SWITCHES SO THE BLADES OPEN AWAY FROM THE POLE.
3. NORMALLY CLOSED INTELLIRUPTER - THE INTELLIRUPTER IS TO BE MOUNTED ON THE SIDE OF THE POLE OPPOSITE THE NORMAL SOURCE (SO THAT THE ISOLATION SWITCHES OPEN AWAY FROM THE SUBSTATION).
4. NORMALLY OPEN INTELLIRUPTER - THE INTELLIRUPTER IS TO BE MOUNTED ON THE SIDE OF THE POLE TOWARDS THE NORMAL SOURCE OF THE FEEDER.

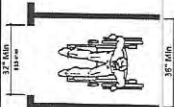


**CALL SUNSHINE #811  
 48 HOURS BEFORE YOU DIG**  
 LOCATE MARKINGS COLOR CODE

RED	ELECTRIC	WHITE	PROPOSED EXCAVATION
YELLOW	GAS-OIL-STEAM	ORANGE	
GREEN	TEMP. SURVEY MARKINGS		
BLUE	WATER		
PURPLE	SEWER		
BROWN	CABLE TV		

### American Disabilities Act

If pole placement location does not meet the minimum single point distance of 32" from edge of curb or back of sidewalk, contact your Production Lead, for further instructions.



Examiner? <input type="checkbox"/>	Tree Work? <input type="checkbox"/>	Work with Bldg? <input type="checkbox"/>	Two Staking Req'd? <input type="checkbox"/>
Design/Sheet? <input type="checkbox"/>	CT/Spool Met? <input type="checkbox"/>	Work with Bldg? <input type="checkbox"/>	Survey/Sheet? <input checked="" type="checkbox"/>
Pole Line FT. ON TRANS. POLES:	Pole Line FT. ON TRANS. POLES:	TRENCH FT.:	DUCT BANK FT.:
CITY <input type="checkbox"/>	COUNTY AIR <input type="checkbox"/>	STATE RD <input type="checkbox"/>	FAA <input type="checkbox"/>
WMD <input type="checkbox"/>	RR KING <input type="checkbox"/>	TRANS. <input type="checkbox"/>	Request CATV Transfer? <input type="checkbox"/>

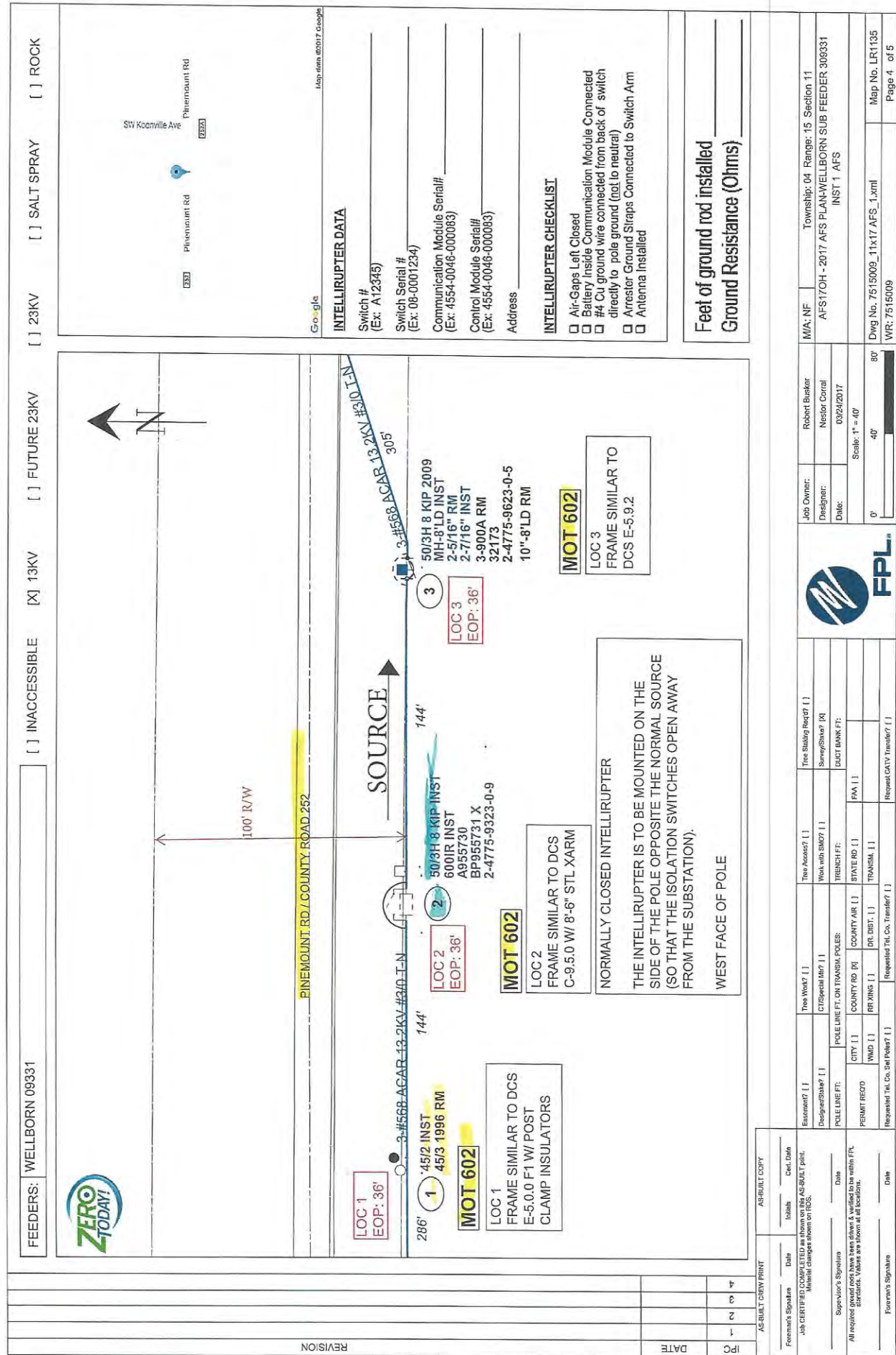
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Designer:	Neslor Corral
Date:	03/24/2017
Scale: 1" = 62'	125'
0"	62'
M/A: NF	Township: 04 Range: 15 Section 11
AFS170H - 2017 AFS PLAN-WELLBORN SUB FEEDER 308331	INST 1 AFS
Dwg No. 7515009_11x17 AFS_1.rvt	Map No. LRT135
WR: 7515009	Page 1 of 5

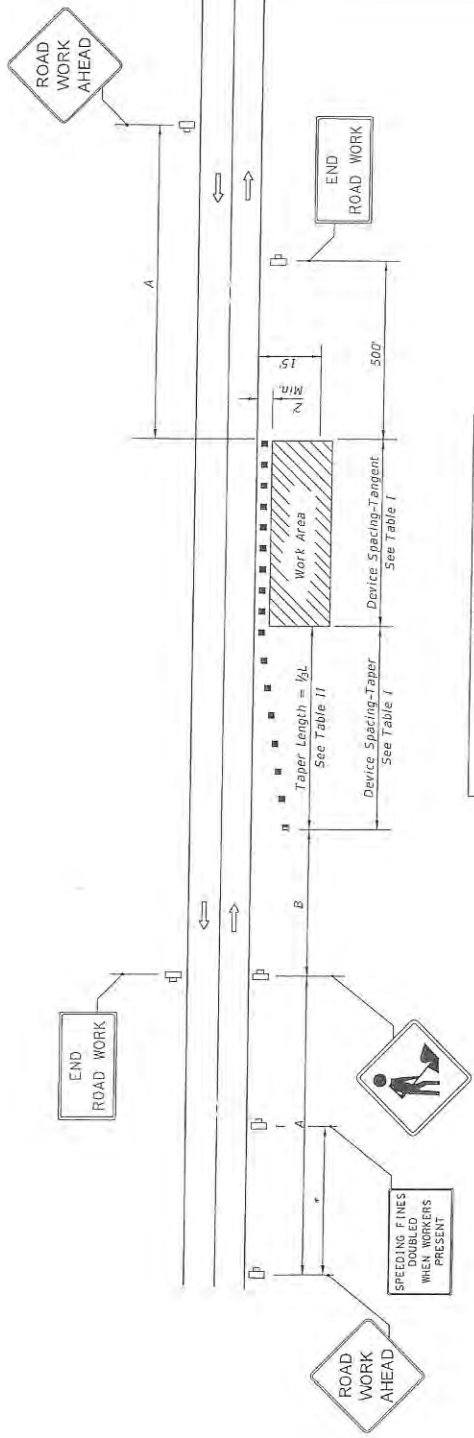
REVISION

Size: 11 x 17

PRINTED BY: NDC08V1

PLOT DATE/TIME: 03/24/2017 13:46:33





**Table II**  
Taper Length - Shoulder

Speed (mph)	1/2 L (ft)			Notes
	8' Shldr.	10' Shldr.	12' Shldr.	
25	28	35	42	L = WS <sup>a</sup> L = 60
30	40	50	60	
35	55	68	82	L = WS
40	72	90	107	
45	120	150	180	L = WS
50	133	167	200	
55	147	183	220	L = WS
60	160	200	240	
65	173	217	260	L = WS
70	187	233	280	

**Table I**  
Device Spacing

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

**DISTANCE BETWEEN SIGNS**

Speed	Spacing (ft.)	
	A	B
40 mph or less	200	200
45 mph	350	350
50 mph or greater	500	500

\*Midway between signs.

**SYMBOLS**

- Work Area
- Channelizing Device (See Index No. 600)
- Work Zone Sign
- Lane Identification + Direction of Traffic

**GENERAL NOTES**

- When four or more work vehicles enter the through traffic lanes in a one hour period or less (excluding establishing and terminating the work area), the advanced FLAGGER sign shall be substituted for the WORKERS sign. For location of flaggers and FLAGGER signs, see Index No. 603.
- SHOULDER WORK sign may be used as an alternate to the WORKER symbol sign only on the side where the shoulder work is being performed.
- When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TCZ indexes.
- For general TCZ requirements and additional information, refer to Index No. 600.

**DURATION NOTES**

- Signs and channelizing devices may be omitted if all of the following conditions are met:
  - Work operations are 60 minutes or less.
  - Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.

1/2 L = Length of shoulder taper in feet  
 W = Width of total shoulder in feet (combined paved and unpaved width)  
 S = Posted speed limit (miph)

**CONDITIONS**

WHERE ANY VEHICLE-EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCRUSH THE AREA CLOSER THAN 15' BUT NOT CLOSER THAN 2' TO THE EDGE OF TRAVEL WAY.

LAST REVISION	DESCRIPTION
07/01/15	

**FDOT** DESIGN STANDARDS

FY 2016-17

TWO-LANE, TWO-WAY, WORK ON SHOULDER

INDEX NO. 602

SHEET NO. 1 of 1

# Cover Sheet: WR#7515009

Page 1 of 5

INACCESSIBLE

13KV

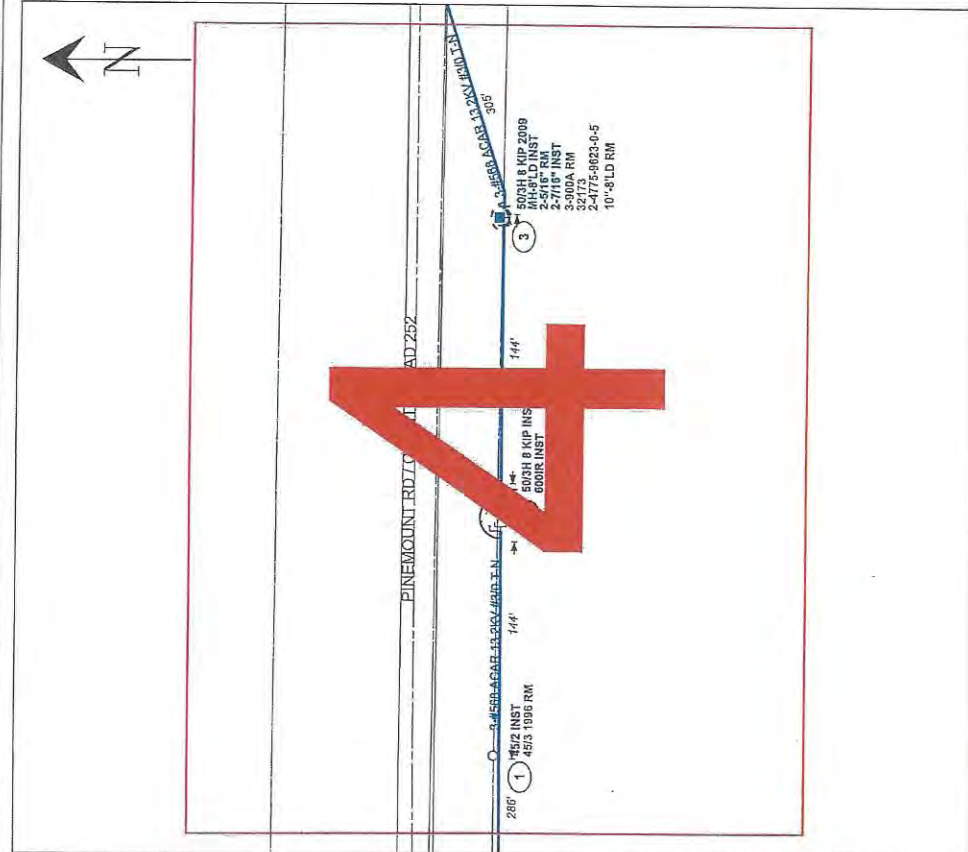
FUTURE 23KV

SALT SPRAY

ROCK

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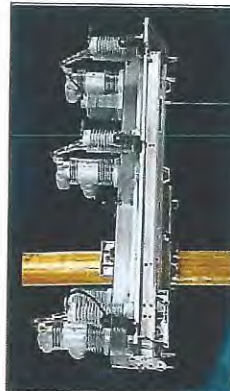


Geo. file

Map data ©2017 Google

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 48 HOURS BEFORE YOU DIG**

**LOCATE MARKINGS COLOR CODE**

RED	ELECTRIC	WATER
YELLOW	GAS-OIL-STEAM	SEWER
WHITE	TEMP. SURVEY MARKINGS	CABLE TV

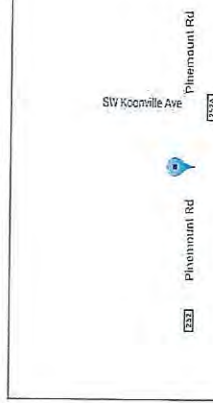
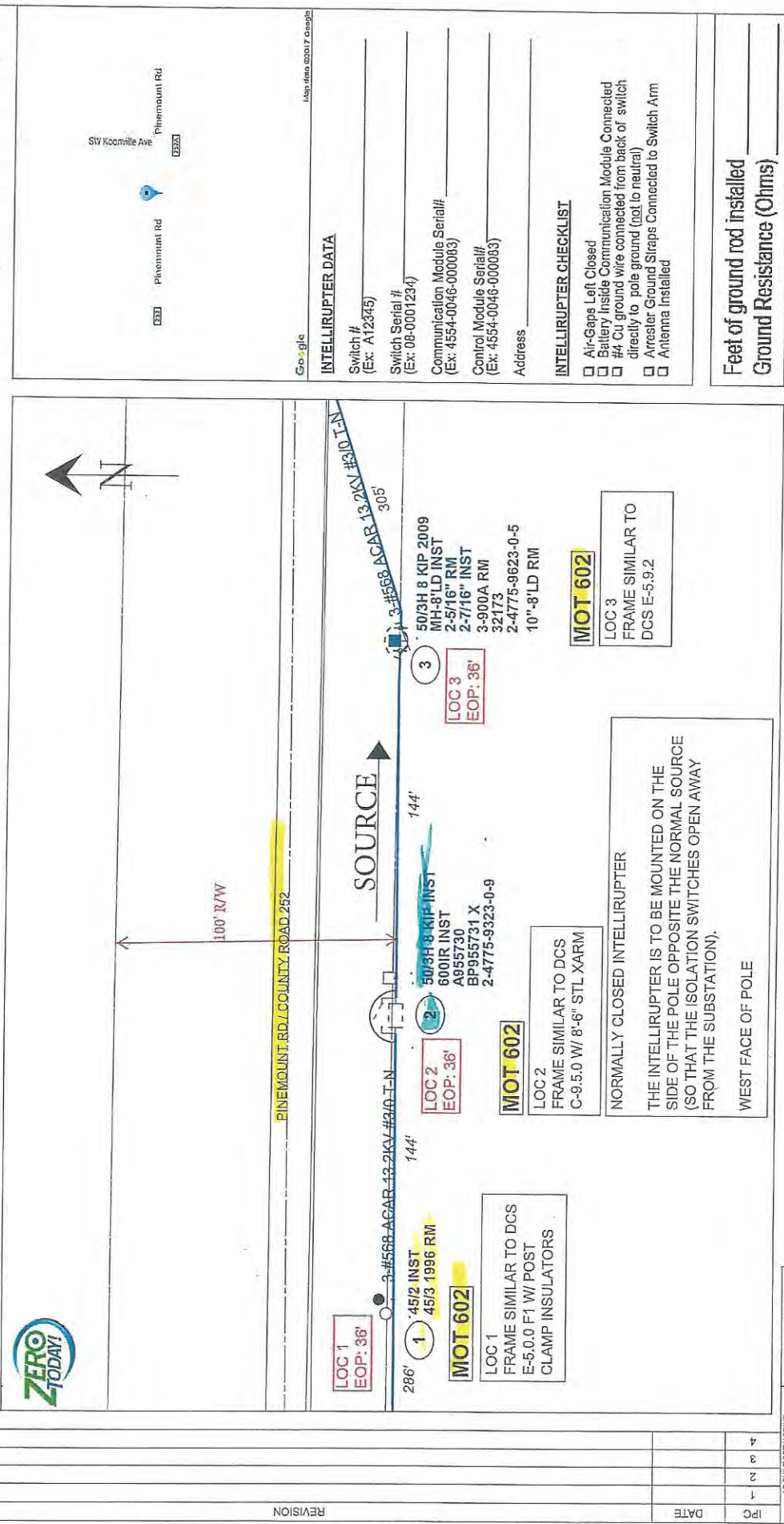
PROPOSED EXCAVATION

**American Disabilities Act**

If pole placement location does not meet the minimum single point distance of 32" from edge of curb or back of sidewalk, contact your Production Lead, for further instructions.

IPC	DATE	1	2	3	4
REVISION					
Requested Tbl. Co. Bar Poles? <input type="checkbox"/>	Requested Tbl. Co. Transfer? <input type="checkbox"/>	Requested Tbl. Co. Transfer? <input type="checkbox"/>	Requested Tbl. Co. Transfer? <input type="checkbox"/>	Requested Tbl. Co. Transfer? <input type="checkbox"/>	Requested Tbl. Co. Transfer? <input type="checkbox"/>
Exemptions? <input type="checkbox"/>	Tree Work? <input type="checkbox"/>	Tree Access? <input type="checkbox"/>	Tree Staking Req'd? <input type="checkbox"/>	Tree Staking Req'd? <input type="checkbox"/>	Tree Staking Req'd? <input type="checkbox"/>
Damage/State? <input type="checkbox"/>	Work with BMO? <input type="checkbox"/>	Work with BMO? <input type="checkbox"/>	Work with BMO? <input type="checkbox"/>	Work with BMO? <input type="checkbox"/>	Work with BMO? <input type="checkbox"/>
POLE LINE FT. [ ]	POLE LINE FT. ON TRANSIM. POLES: [ ]	TRENCH FT. [ ]	STATE RD ID [ ]	TRANSIM. [ ]	TRANSIM. [ ]
CITY [ ]	COUNTY AIR [ ]	COUNTY RD [ ]	DR. DIST. [ ]	TRANSIM. [ ]	TRANSIM. [ ]
PERMIT REGO [ ]	RR SING [ ]	RR SING [ ]	RR SING [ ]	RR SING [ ]	RR SING [ ]
YMP [ ]	YMP [ ]	YMP [ ]	YMP [ ]	YMP [ ]	YMP [ ]
Request Tbl. Co. Bar Poles? <input type="checkbox"/>	Request Tbl. Co. Bar Poles? <input type="checkbox"/>	Request Tbl. Co. Bar Poles? <input type="checkbox"/>	Request Tbl. Co. Bar Poles? <input type="checkbox"/>	Request Tbl. Co. Bar Poles? <input type="checkbox"/>	Request Tbl. Co. Bar Poles? <input type="checkbox"/>
Job Owner: Robert Boster	Designer: Naslor Corral	Date: 03/24/2017	Scale: 1" = 62'	Scale: 1" = 62'	Scale: 1" = 62'
M/A: NF	Township: 04	Range: 15	Section: 11	Map No. 7515009_11x17 AFS_1.xrl	Map No. LRT135
AFS170H - 2017 AFS PLAN-WELLBORN SUB FEEDER 308331	INST: 1	AFS		WR: 7515009	Page 1 of 5





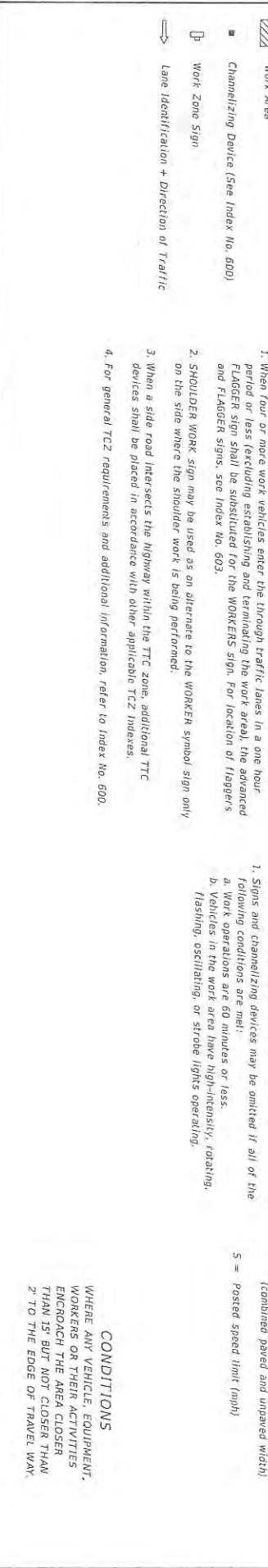
**INTELLIRUPTER DATA**  
 Switch # (Ex: A12345)  
 Switch Serial # (Ex: 09-0001234)  
 Communication Module Serial# (Ex: 4554-0046-000083)  
 Control Module Serial# (Ex: 4554-0046-000083)  
 Address \_\_\_\_\_

Feet of ground rod installed \_\_\_\_\_  
 Ground Resistance (Ohms) \_\_\_\_\_

AS-BUILT CREW PRINT		AS-BUILT COPY	
Foreman's Signature	Date	Initials	Cont. Date
Job CERTIFIED COMPLETED as shown on this AS-BUILT print. Material changes shown on TOOS.			
Supervisor's Signature	Date	Date	
All required (100%) POC have been taken & verified by the utility. PFL drawings, which are shown at all locations.			
Foreman's Signature	Date	Date	
Tree Access? [ ]	Tree Staking Request? [ ]	Tree Removal? [ ]	Tree Staking Request? [ ]
Design/Sheet? [ ]	Work with BMO? [ ]	Work with BMO? [ ]	Work with BMO? [ ]
Pole Line FR:	Pole Line FT:	TRIMMING FT:	TRIMMING FT:
CITY [ ]	COUNTY RD [X]	COUNTY AIR [ ]	STATE RD [ ]
WIND [ ]	RR RING [ ]	RR. RIBB. [ ]	TRASH. [ ]
Requester Tel. Co. Site Power? [ ]	Requester Tel. Co. Transfer? [ ]	Request CATV Transfer? [ ]	Request CATV Transfer? [ ]
M/A: NF	Robert Butler	Job Owner:	Robert Butler
AFS170H - 2017 AFS PLAIN-WELLBORN SUB FEEDER 309331	Nestor Corral	Designer:	Nestor Corral
INST 1 - AFS	03/24/2017	Date:	03/24/2017
DWG No. 7515009_11x17 AFS_1.xml	80'	Scale: 1" = 40'	80'
WR: 7515009	40'		40'
Map No. LRT135			
Page 4 of 5			



LAST REVISION 07/01/15	DESCRIPTION:	FDOT DESIGN STANDARDS	FY 2016-17	TWO-LANE, TWO-WAY, WORK ON SHOULDER	INDEX NO. 602	SHEET NO. 1 of 1
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**DISTANCE BETWEEN SIGNS**

Speed	Spacing (ft.)	
	A	B
40 mph or less	200	200
45 mph	350	350
50 mph or greater	500	500

\* Highway between signs.

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Taper Length - Shoulder**

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40	72	90	107	
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<sup>1</sup> = Length of shoulder taper in feet  
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**CONDITIONS**

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