



**COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM REQUEST FORM**

The Board of County Commissioners meets the 1st and 3rd Thursday of each month in the Columbia County School Board Administrative Complex Auditorium, 372 West Duval Street, Lake City, Florida 32055. The first meeting of every month is at 9:30AM while the second meeting of every month takes place at 5:30PM. All agenda items are due in the Board's office one week prior to the meeting date.

Today's Date: 7/9/2025 Meeting Date: 7/17/2025

Department: Public Works

1. Nature and purpose of agenda item:

Utility Permit from Apex Group requesting to install a cable at SW County Road 240

2. Recommended Motion/Action:

Approve

3. Fiscal impact on current budget.

This item has no effect on the current budget.

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

Date: 06/25/2025 Permit No. _____ County Road SWCOUNTRYRD240 Section No. 29

Permittee Apex Group / Comcast

Address 12007 Sunrise Valley Dr. Ste 420 Reston, VA 20191 Telephone Number 405-365-7155

Requesting permission from Columbia County, Florida, hereinafter called the County, to contract, operate and maintain PROPOSED UG CATV/FIBER-292', PROPOSED BORES-2, PROPOSED BORE PITS-1. (JB0002237152)

FROM: 30.065447,-82.600909 TO: 30.065726,-82.600283

Submitted for the Utility Owner by: Stephanie Gann Permit Coordinator Stephanie gann 06/25/2025
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 (x) NO (). If YES: LAKE CITY (X) FORT WHITE (). A letter of notification was mailed on 6/25/2025 to the following utility owners AT&T and Windstream

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 Kevin Kirby, located at 607 NW Quinten St Lake City, FL. 32055 Telephone Number 386-758-1019. The PERMITTEE's employee responsible for Maintenance of Traffic is Lazaro Martinez Telephone Number 407-901-0206 (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 14 days after issuance of permit, and shall be completed within 5 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 S US Hwy 441 and Leon Sauls Rd 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.

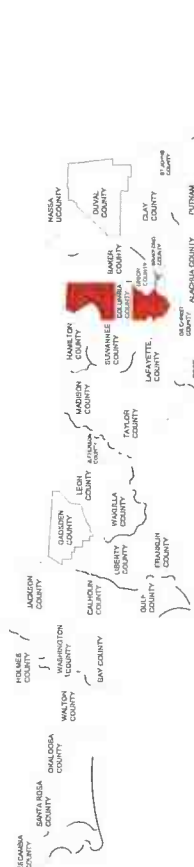
Submitted By: Stephanie Gann Permit Coordinator
Permittee

Place Corporate Seal

Stephanie Gann
Signature and Title

Attested

**COMCAST PERMIT REQUEST FOR
147 SW COUNTY RD 240, LAKE CITY, FL 32025**



**VICINITY MAP
147 SW COUNTY RD 240, LAKE CITY, FL 32025**

| JOB NUMBER: | JB000237152 COUNTY |
|-------------------------------|--------------------|
| PROJECT TOTALS | |
| PROPOSED UG CATV/FIBER | 282' |
| PROPOSED AERIAL CABLE FOOTAGE | 0' |
| PROPOSED AERIAL STRAND | 0' |
| TOTAL FOOTAGE | 282' |
| TOTAL PROPOSED BORES | 2 |
| TOTAL PROPOSED BORE PITS | 1 |
| TOTAL PROPOSED VAULTS | 0 |
| TOTAL PROPOSED PEDS | 0 |

**JOB SITE:
147 SW COUNTY RD 240, LAKE CITY, FL 32025**

NOTE: The information shown on these drawings concerning type and location of underground utilities is not guaranteed to be accurate or all inclusive. The installation contractor is responsible for making their own determination as to type and location of underground utilities as may be necessary. The contractor shall verify location (horizontally and vertically) of existing structures and utilities by prospecting in advance of excavation operations.



**COLUMBIA COUNTY
RIGHT-OF-WAY
PERMIT**

| CONDUIT | PHONE | PHONE | PHONE | CONCRETE POLE | V VAULT |
|--------------|----------------|----------------|----------------|------------------|----------|
| STREET LIGHT | SA - SA - SA - | SA - SA - SA - | SA - SA - SA - | JOINT USAGE POLE | ANCHOR |
| POWER | E - E - E - | E - E - E - | E - E - E - | WOOD POLE | PEDESTAL |
| CATV | CATV | CATV | CATV | TRANSFORMER POLE | CULVERT |
| WATER | WATER | WATER | WATER | RISE R POLE | |
| SEWER | SEWER | SEWER | SEWER | 4"X4" BORE PIT | |

| PROPOSED UG/AERIAL CATV / FIBER FACILITIES IN COLUMBIA COUNTY, FLORIDA | | | |
|--|--------------|-----------|---------|
| VICINITY/VIEW | CITY | LAKE CITY | |
| SHEET NO. 01 OF 11 | COUNTY | COLUMBIA | |
| SCALE | NOT TO SCALE | STATE | FLORIDA |
| DATE | 06-25-2025 | DRAWN BY | AT |

NOTES

ALL PROPOSED CONSTRUCTION WILL BE PER THE COLUMBIA COUNTY SPECIFICATIONS AS WELL AS ALL NECESSARY SAFETY CODES.

ALL PROPOSED CATV WILL BE WITHIN COLUMBIA COUNTY RIGHT-OF-WAY.

ALL PROPOSED UNDERGROUND CATV WILL BE BURIED A MINIMUM OF 36" DEEP EXCEPT ROAD BORES 48" DEEP AND DRIVEWAY BORES AT 48" DEEP.

ALL PROPOSED UNDERGROUND CATV ROAD BORES WILL USE CITY APPROVED DIRECTIONAL BORE MACHINE, AS WELL AS COUNTY APPROVED CONDUIT.

ALL PROPOSED CATV ROAD BORES WILL EXTEND A MINIMUM OF 48" BEYOND THE EDGE OF PAVEMENT.

ALL PROPOSED CATV DRIVEWAY BORES WILL EXTEND A MINIMUM OF 6' BEYOND THE EDGE OF PAVEMENT.

ALL PROPOSED BORES WILL BE IN A (4'X4'X4') PIT AND WILL USE 1(2") HDPE CONDUIT AT 48" DEPTH USING A 5 1/4" DRILL HEAD.

ALL PROPOSED AERIAL WILL BE .700" DIAMETER AND WILL BE LASHED TO .250" STEEL STRAND CABLE USING .125" STANDARD GALVANIZED LASHING WIRE.

ALL PROPOSED AERIAL CATV CROSSING ROADWAYS WILL HAVE MINIMUM MID-SPAN HEIGHT OF 16'-0"

ALL PROPOSED AERIAL CATV CROSSING DRIVEWAYS WILL HAVE MINIMUM MID-SPAN HEIGHT OF 16'-0"

LOCATES WILL BE REQUIRED IN ALL PROPOSED UNDERGROUND AREAS AT LEAST 48 HRS PRIOR TO CONSTRUCTION.

NOTIFICATIONS TO ALL UTILITIES INVOLVED WILL BE MADE PRIOR TO CONSTRUCTION.

ALL DISTRIBUTED AREA WITHIN THE RIGHT OF WAY WILL BE RESTORED TO ORIGINAL OR BETTER CONDITION BY GRADING AND RE-SODDING. SOD ALL AREAS DISTURBED BY CONSTRUCTION WITH BERMUDA SOD. *ALL CRACKED SIDEWALK IS TO BE REPLACED FROM JOINT TO JOINT WITHIN 7 DAYS OF WORK COMPLETION.*

WORK OPERATIONS ARE TO BE MINDFUL NOT TO DAMAGE THE PAVEMENT SIDEWALK WHEN POSITIONING EQUIPMENT. ANY DAMAGE INCLUDING TRACK MARKS WILL BE REPAIRED OR REPLACED BY THE CONTRACTOR.

CONSTRUCTION NOTES

IN ORDER TO REDUCE THE DISRUPTION AND COST OF UTILITY DAMAGES OCCURRING IN THE RIGHT-OF-WAY AND EASEMENTS, THE PERMITTEE SHALL PREVENT DAMAGES TO EXISTING UTILITIES CAUSED BY THE WORK THROUGH FIELD VERIFICATION OF THE LOCATION OF THE EXISTING UTILITIES IN CASE OF OPEN EXCAVATION. VERIFICATION MAY BE PERFORMED DURING THE PERMITTEES WORK. IN THE CASE OF DIRECTIONAL DRILLING, VERIFICATION SHALL TAKE PLACE PRIOR TO MOBILIZATION OF THE DRILLING EQUIPMENT.

THE PERMITTEE SHALL VERIFY THE LOCATION OF THE EXISTING UTILITIES AS NEEDED TO AVOID CONTACT WITH DETECTION EQUIPMENT OR OTHER ACCEPTABLE MEANS. SUCH METHODS MAY INCLUDE BUT SHALL NOT BE LIMITED TO "SOFT DIG" EQUIPMENT AND GROUND PENETRATION RADAR (GPR). THE EXCAVATOR SHALL BE HELD LIABLE FOR DAMAGES CAUSED TO CITY'S/COUNTIES/ STATE INFRASTRUCTURE AND THE EXISTING FACILITIES OF THE OTHER UTILITY COMPANIES

| |
|---|
| ALL UTILITIES LOCATED BY VISUAL INSPECTION, TO BE VERIFIED BY LOCATES |
| EOT REPRESENTS EDGE OF TRAVEL NOT TRUE EDGE OF PAVEMENT |
| EOP REPRESENTS THE TRUE EDGE OF PAVEMENT |
| EOD REPRESENTS THE EDGE OF DIRT |
| HAND DIG TRENCHES 36" DEEP ACROSS DIRT ROAD |

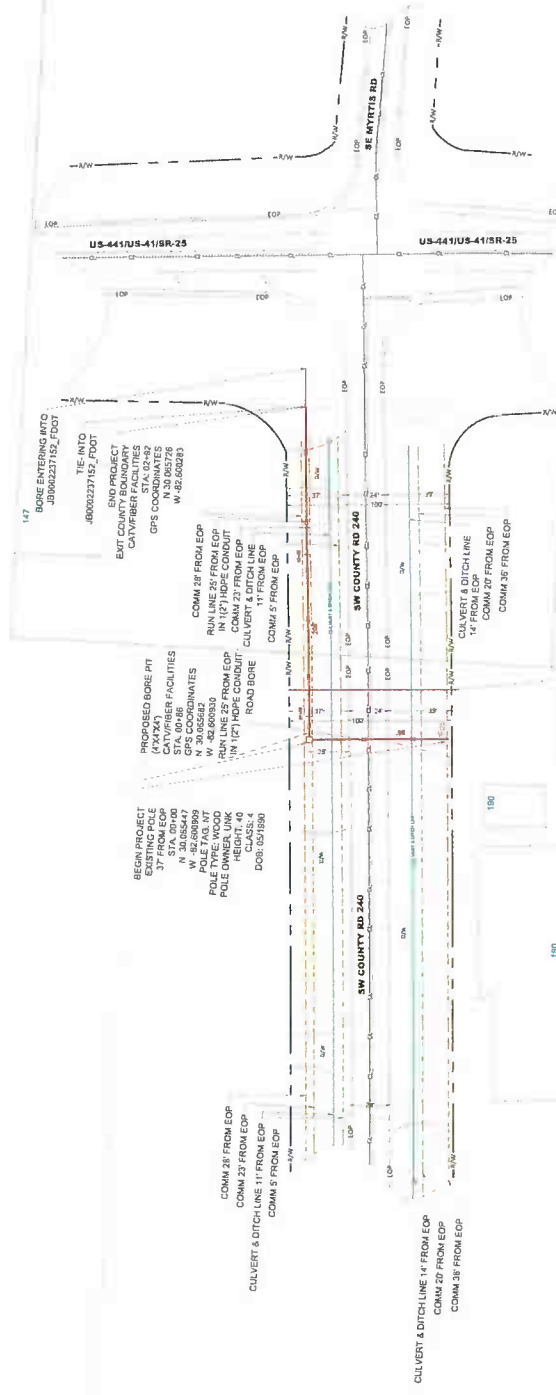
COMM ——— COMM ——— COMM ———
 CULVERT & DITCH LINE ——— CULVERT & DITCH LINE ———
 POLE X



COLUMBIA COUNTY
 RIGHT-OF-WAY
 PERMIT

| | | |
|---------------------|-----------------|---------------------|
| CONCRETE POLE | ANCHOR | W V WULT |
| JOINT USAGE POLE | WOOD POLE | PEDESTAL |
| TRANSFORMER POLE | RISER POLE | CULVERT |
| 4"X4"X4" BORE PIT | | |
| PHONE | PHONE | PHONE |
| PROPOSED AERIAL | PROPOSED TRENCH | PROPOSED BORE |
| CATV | CATV | WATER |
| SEWER | SEWER | RIGHT OF WAY |
| SA - SA - SA - SA - | E - E - E - E - | DB - DB - DB - DB - |
| CONCRETE POLE | WOOD POLE | RISER POLE |
| TRANSFORMER POLE | ANCHOR | PEDESTAL |
| CULVERT | W V WULT | |

| |
|--|
| PROPOSED UG/AERIAL CATV / FIBER FACILITIES IN COLUMBIA COUNTY, FLORIDA |
| CONSTRUCTION NOTES |
| SHEET NO. 6 OF 11 |
| SCALE: NOT TO SCALE |
| DATE: 08-25-2025 |
| CITY: LAKE CITY |
| COUNTY: COLUMBIA |
| STATE: FLORIDA |
| DRAWN: AWT |



147
BORE ENTERING INTO
JTB060237152_F007
-8000237152_F007
TIE INTO
END PROJECT
BMT COUNTY
CATV/FIBER FACILITY
GPS COORDINATES
STA. 00+00
N 30.0000000
W 42.6000000
N 30.0000000
W 42.6000000

PROPOSED BORE PIT
CATV/FIBER FACILITIES
STA. 00+86
N 30.0000000
W 42.6000000
N 30.0000000
W 42.6000000
ROAD BORE
COM 28 FROM EOP
COM 27 FROM EOP
COM 26 FROM EOP
COM 25 FROM EOP
COM 24 FROM EOP
COM 23 FROM EOP
COM 22 FROM EOP
COM 21 FROM EOP
COM 20 FROM EOP
COM 19 FROM EOP
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COM 14 FROM EOP
COM 13 FROM EOP
COM 12 FROM EOP
COM 11 FROM EOP
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COM 9 FROM EOP
COM 8 FROM EOP
COM 7 FROM EOP
COM 6 FROM EOP
COM 5 FROM EOP
COM 4 FROM EOP
COM 3 FROM EOP
COM 2 FROM EOP
COM 1 FROM EOP

BEGIN PROJECT
EXISTING POLE
STA. 00+00
N 30.0000000
W 42.6000000
N 30.0000000
W 42.6000000
POLE TYPE: WOOD
POLE OWNER: LINK
HEIGHT: 40
DOB: 05/19/90

COM 28 FROM EOP
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COM 8 FROM EOP
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COM 1 FROM EOP

NOTE:
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COMCAST
5924 RICHARD ST
JACKSONVILLE, FLORIDA 32216

**COLUMBIA COUNTY
RIGHT-OF-WAY
PERMIT**

| | | | | | |
|----------------|--------------|--------------|------------------|----------|----------|
| COMCAST | PHONE | PHONE | C | V | V |
| STREET LIGHT | SA | SA | CONCRETE POLE | VAULT | VAULT |
| POWER | E | E | ADJUSTABLE POLE | ANCHOR | ANCHOR |
| CATV | CATV | CATV | WOOD POLE | PEDESTAL | PEDESTAL |
| WATER | W | W | TRANSFORMER POLE | CULVERT | CULVERT |
| SEWER | S | S | RISER POLE | | |
| | | | 4"x4" BORE PIT | | |

**PROPOSED UG/AERIAL CATV / FIBER
FACILITIES IN COLUMBIA COUNTY, FLORIDA**

OVERALL VIEW
SHEET NO. 03 OF 11
SCALE: NOT TO SCALE
DATE: 06-25-2025

CITY: LAKE CITY
COUNTY: COLUMBIA
STATE: FLORIDA
DRAWN: MAT



BEGIN PROJECT
EXISTING POLE
37' FROM EOP
STA: 00+00
N 30.065447
W -82.600909
POLE TAG: NT
POLE TYPE: WOOD
POLE OWNER: UNK
HEIGHT: 40
CLASS: 4
DOB: 05/1990

PROPOSED BORE PIT
(4'X4'X4')
CATV/FIBER FACILITIES
STA: 00+86
GPS COORDINATES
N 30.065682
W -82.600930
RUN LINE 25' FROM EOP
IN 1(2") HDPE CONDUIT
ROAD BORE

COMM 28' FROM EOP
COMM 23' FROM EOP
CULVERT & DITCH LINE 11' FROM EOP
COMM 5' FROM EOP



CULVERT & DITCH LINE 14' FROM EOP
COMM 20' FROM EOP
COMM 36' FROM EOP

SEE SHEET-05

CROSS SECTION



NOTE:

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COLUMBIA COUNTY
RIGHT-OF-WAY
PERMIT

COMCAST
STREET LIGHT
POWER
CITY
WATER
SEWER

PHONE
PROPOSED AERIAL
PROPOSED TRENCH
PROPOSED BORE
RIGHT OF WAY

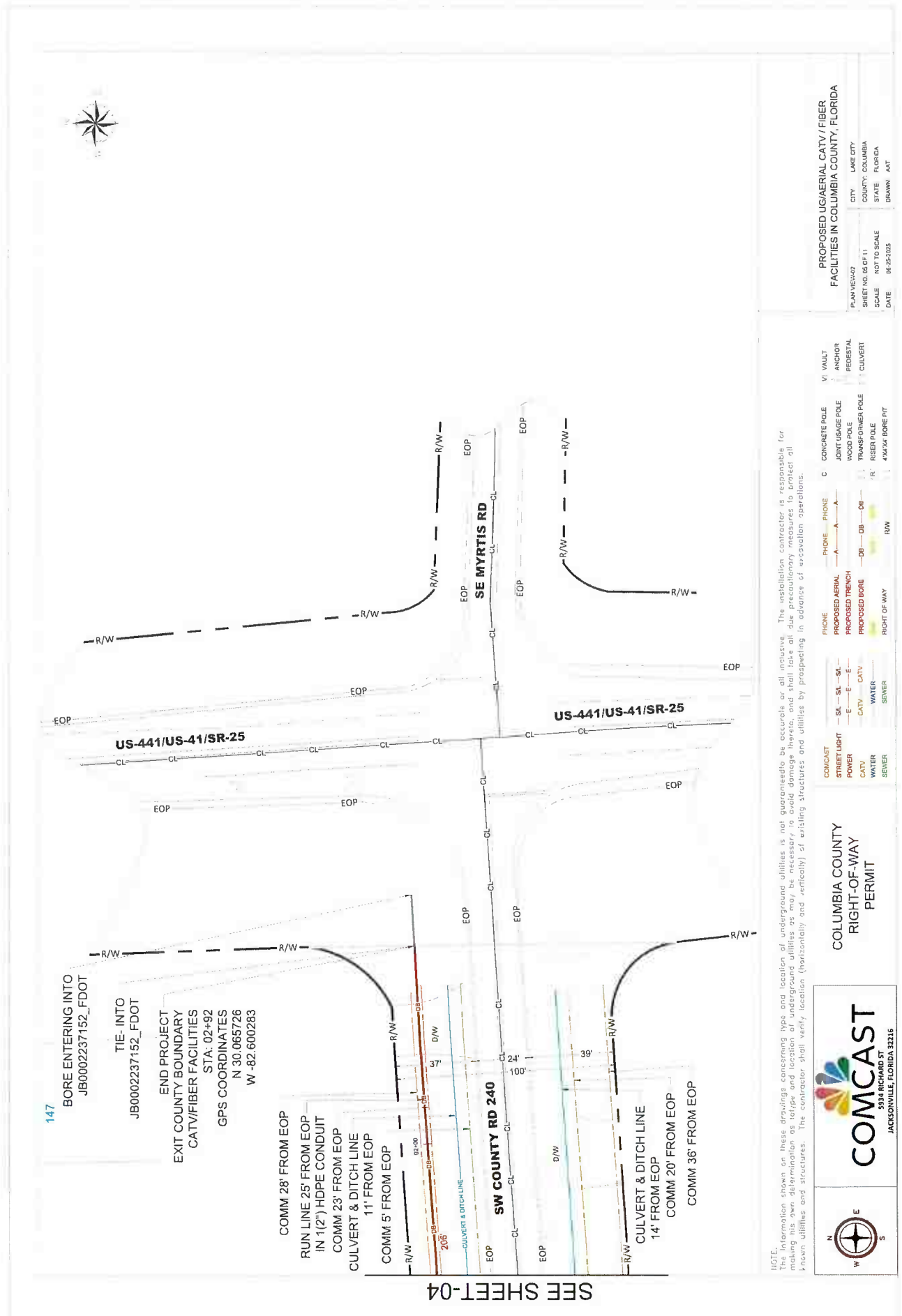
CONCRETE POLE
JOINT USAGE POLE
WOOD POLE
TRANSFORMER POLE
RISER POLE
4"X4" BORE PIT

V. WALL
ANCHOR
PEDESTAL
CULVERT

PROPOSED UG/AERIAL CATV/FIBER
FACILITIES IN COLUMBIA COUNTY, FLORIDA

PLAN VIEW 041
SHEET NO. 04 OF 11
SCALE: AS SHOWN
DATE: 06-22-2025

CITY: LAKE CITY
COUNTY: COLUMBIA
STATE: FLORIDA
DRAWN: AMT



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COMCAST
5934 RICHARD ST
JACKSONVILLE, FLORIDA 32216

COLUMBIA COUNTY
RIGHT-OF-WAY
PERMIT

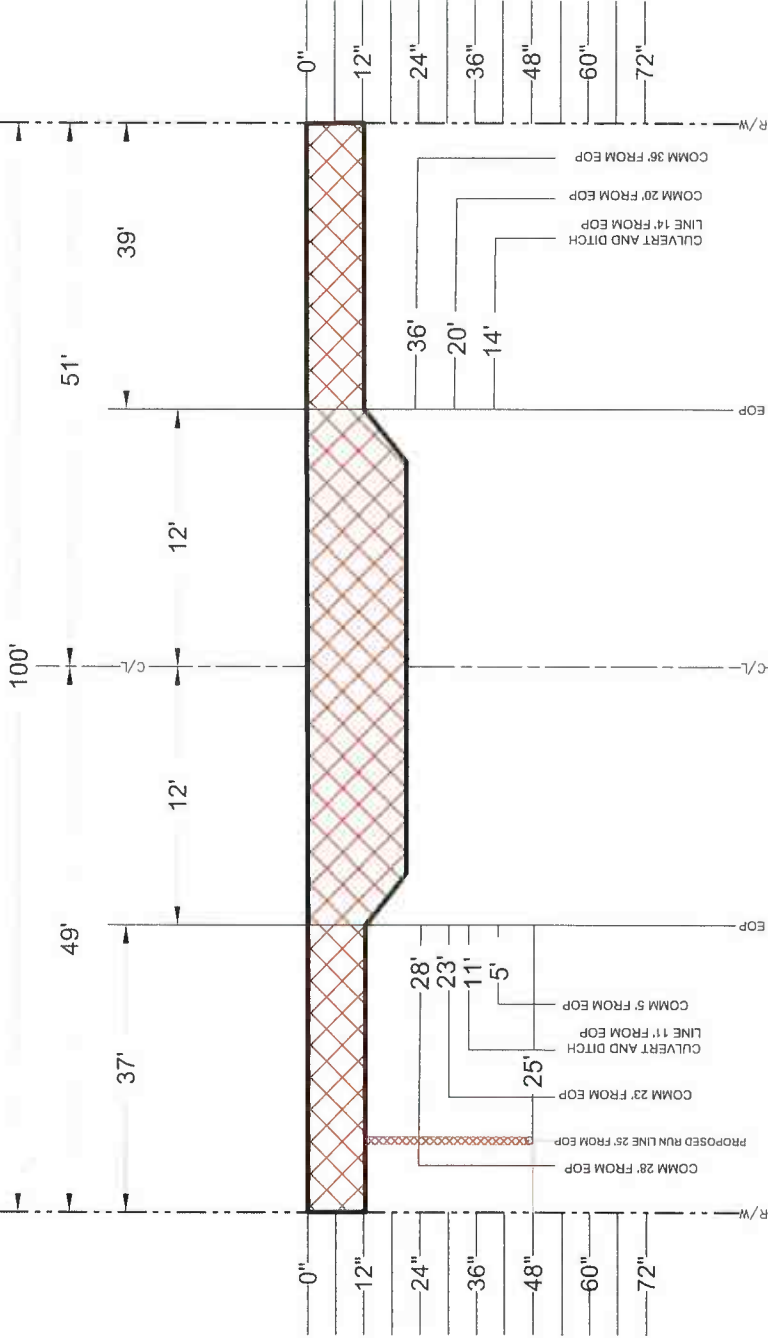
| | | | | | |
|--------------|-------------------|------------------|------------------|-------------------|----------|
| CONDUIT | PHONE | PHONE | C | VI | VAULT |
| STREET LIGHT | — SA — SA — SA — | — A — A — A — | CONCRETE POLE | ANCHOR | ANCHOR |
| POWER | — E — E — E — | — DB — DB — DB — | JOINT USAGE POLE | WOOD POLE | PEDESTAL |
| CATV | — CATV — CATV — | — R — R — R — | PROPOSED TRENCH | TRANSFORMER POLE | CULVERT |
| WATER | — WATER — WATER — | — R/W — R/W — | PROPOSED BORE | RISER POLE | |
| SEWER | — SEWER — SEWER — | | RIGHT-OF-WAY | 4" X 24" BORE PIT | |

PROPOSED UG/AERIAL CATV/ FIBER
FACILITIES IN COLUMBIA COUNTY, FLORIDA

PLAN VIEW 22
SHEET NO. 06 OF 11
SCALE 1" = 40' TO SCALE
DATE 06-25-2025

CITY LAKE CITY
COUNTY COLUMBIA
STATE FLORIDA
DRAWN AOT

147 SW COUNTY RD 240, LAKE CITY, FL 32025
 CROSS SECTION DETAIL
 FOR SW COUNTY RD 240
 LOOKING NORTHEAST



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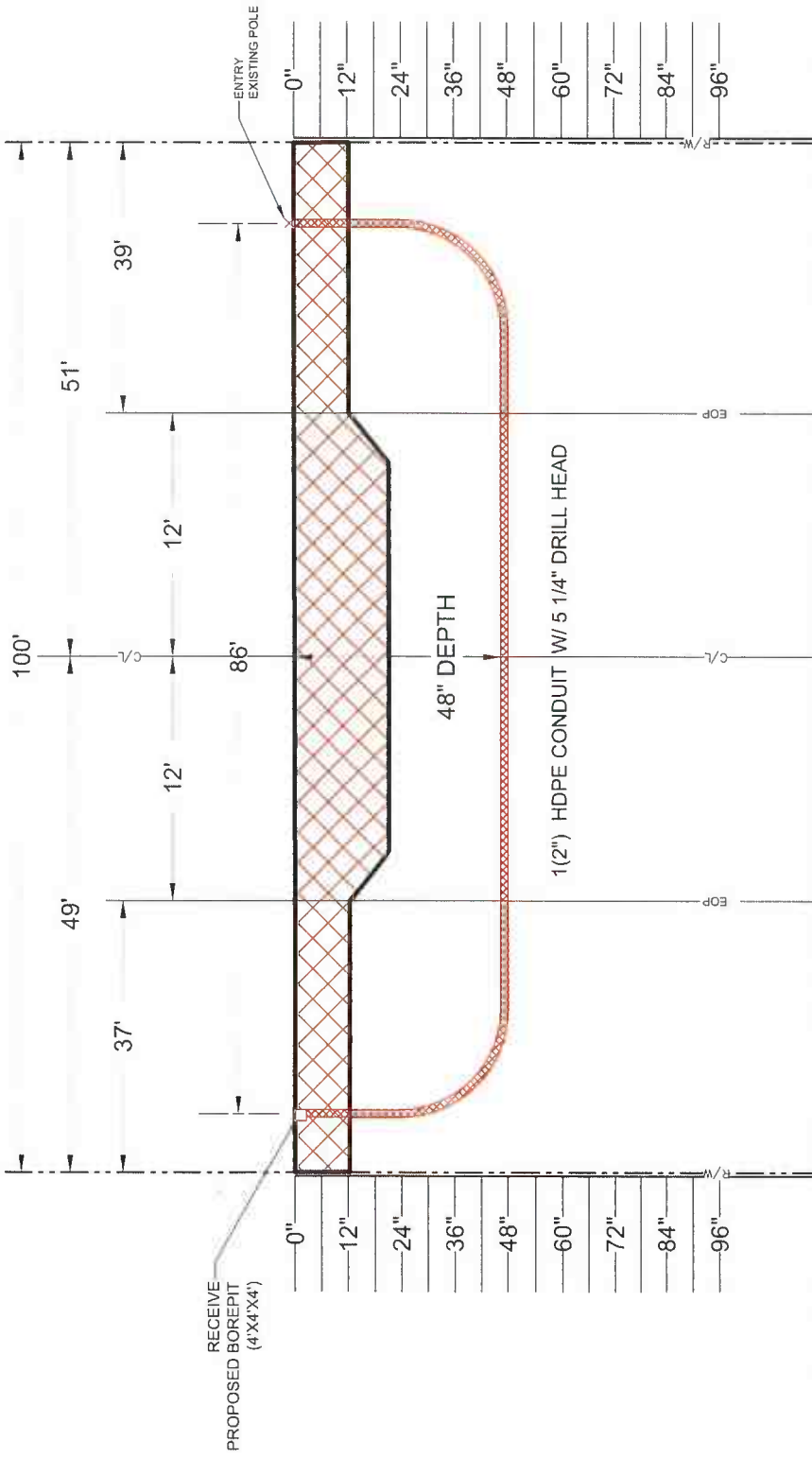


COLUMBIA COUNTY
 RIGHT-OF-WAY
 PERMIT

| | | | |
|------------------|---|-----------------|--------|
| CONCRETE POLE | C | PHONE | PHONE |
| JOINT USAGE POLE | A | PROPOSED FIBER | FIBER |
| WOOD POLE | W | PROPOSED TRENCH | TRENCH |
| TRANSFORMER POLE | T | PROPOSED BORE | BORE |
| RISER POLE | R | RIGHT OF WAY | ROW |
| 4" DIA BORE PT | □ | | |

| | |
|--|------------------|
| PROPOSED UG/FIBER CATV / FIBER | |
| FACILITIES IN COLUMBIA COUNTY, FLORIDA | |
| CROSS SECTION | CITY: LAKE CITY |
| SHEET NO. 06 OF 11 | COUNTY: COLUMBIA |
| SCALE: NOT TO SCALE | STATE: FLORIDA |
| DATE: 08-25-2025 | DRAWN: JAT |

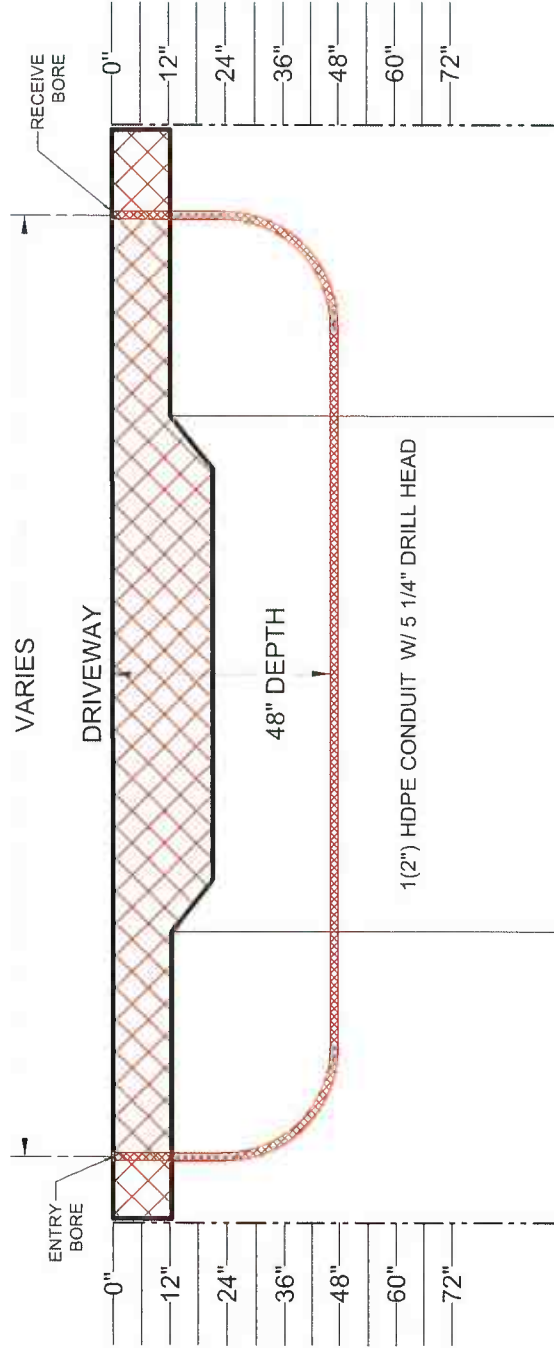
147 SW COUNTY RD 240, LAKE CITY, FL 32025
 ROAD BORE DETAIL
 FOR SW COUNTY RD 240
 LOOKING NORTHEAST



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| | | | | | | | | |
|--|---|--|--|--|--|--|--|--|
|  COMCAST 594 RICHARD ST JACKSONVILLE, FLORIDA 32216 | COLUMBIA COUNTY RIGHT-OF-WAY PERMIT | COMCAST STREET LIGHT POWER CATV WATER SEWER | PHONE PROPOSED AERIAL PROPOSED TRENCH PROPOSED BORE RIGHT OF WAY | PHONE A SA - SA E - E CATV WATER SEWER | PHONE A SA - SA E - E CATV WATER SEWER | CONCRETE POLE JOINT USAGE POLE WOOD POLE TRANSFORMER POLE RISER POLE 4"X4" BORE PIT | V - VAULT † - ANCHOR PEDESTAL CULVERT | PROPOSED UGA/AERIAL CATV / FIBER FACILITIES IN COLUMBIA COUNTY, FLORIDA |
| | | ROAD BORE SHEET NO. 17 OF 11 SCALE - NOT TO SCALE DATE - 08-25-2025 | CITY - LAKE CITY COUNTY - COLUMBIA STATE - FLORIDA DRAWN BY - ART | | | | | |

147 SW COUNTY RD 240, LAKE CITY, FL 32025
 DRIVEWAY BORE DETAIL



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COLUMBIA COUNTY
 RIGHT-OF-WAY
 PERMIT

CONCRETE POLE
 JOINT USAGE POLE
 WOOD POLE
 TRANSFORMER POLE
 RISER POLE
 4"x24" BORE PT

PHONE
 PROPOSED AERIAL
 PROPOSED TRENCH
 PROPOSED BORE
 RIGHT OF WAY

SA - SL - SL -
 E - E - E -
 CATV - CATV
 WATER - WATER
 SEWER - SEWER

V - VULT
 ANCHOR
 PEDESTAL
 CULVERT

RAW

PROPOSED UG/AERIAL CATV / FIBER
 FACILITIES IN COLUMBIA COUNTY, FLORIDA

DRIVEWAY BORE
 SHEET NO. OF 11
 SCALE - NOT TO SCALE
 DATE - 09-25-2025

CITY - LAKE CITY
 COUNTY - COLUMBIA
 STATE - FLORIDA
 DRAWN - JAT

**THE FOLLOWING STANDARD PLANS
ARE IN ACCORDANCE WITH THE
FLORIDA DEPARTMENT OF TRANSPORTATION
2025-2026 102-602 & 102-625 INDEX AND APPLY TO
147 SW COUNTY RD 240, LAKE CITY, FL 32025**

- STANDARD PLANS INDEX NO 102-602 (TWO-LANE ROADWAY, WORK ON SHOULDER)
- STANDARD PLANS INDEX NO 102-625 (TEMPORARY ROADWAY CLOSURE)

NOTE:

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**COLUMBIA COUNTY
RIGHT-OF-WAY
PERMIT**

COMCAST
STREET LIGHT
POWER
CATV
WATER
SEWER

SA - SA - SA -
E - E - E
CATV CATV
WATER
SEWER

PROPOSED AERIAL
PROPOSED TRENCH
PROPOSED BORE

PHONE - PHONE
A - A - A
-DB -DB -DB
-DB -DB -DB

CONCRETE POLE
JOINT USAGE POLE
WOOD POLE
TRANSFORMER POLE
RISER POLE
4" MAX BORE FIT

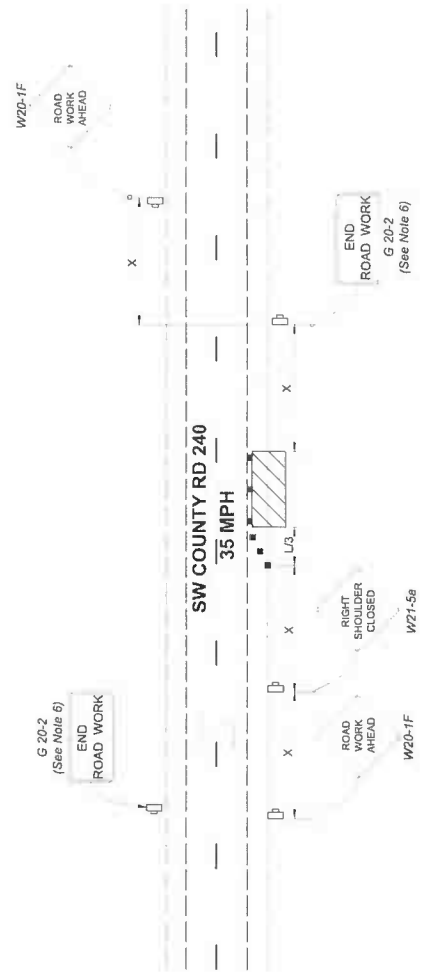
V W/ VULT
ANCHOR
PEDESTAL
C/DAVERT

TRAFFIC CONTROL NOTES
SHEET NO. 10 OF 11
SCALE - NOT TO SCALE
DATE - 08-25-2025

PROPOSED UG/AERIAL CATV / FIBER
FACILITIES IN COLUMBIA COUNTY, FLORIDA
CITY - LAKE CITY
COUNTY - COLUMBIA
STATE - FLORIDA
DRAWN BY - AT


NOTES

1. This index applies to Two-Lane, Two-Way and Multilane Roadways, including Medians or 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).



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

SYMBOLS:

-  Work Area
-  Channelizing Device (See Index 102-600)
-  Work Zone Sign

Lane Identification and Direction of Traffic

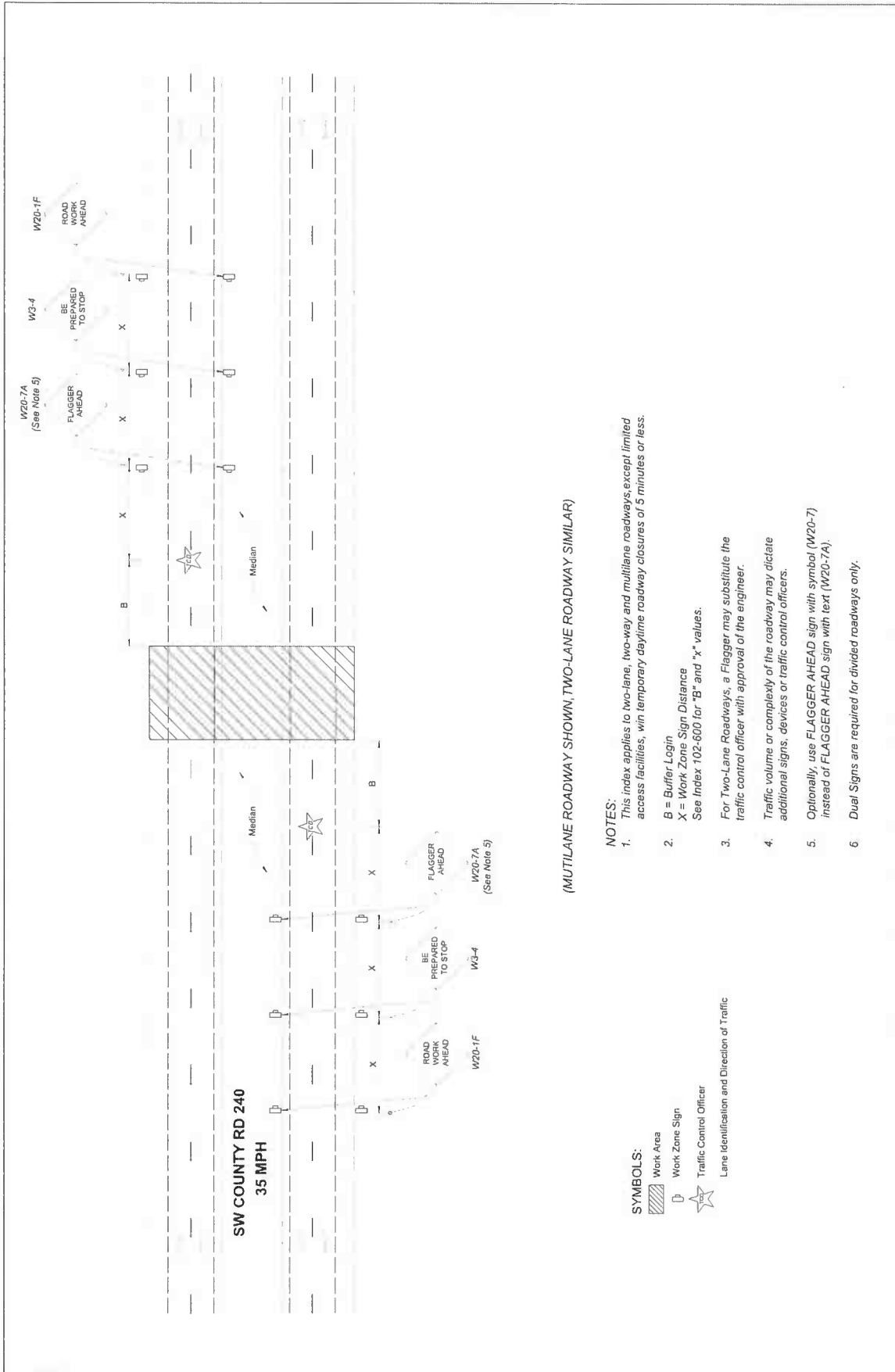
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|---------------|--------------|
| LAST REVISION | DESCRIPTION: |
| 11/07/21 | |

FY 2025-26
STANDARD PLANS

TWO-LANE ROADWAY, WORK ON SHOULDER

INDEX 102-602
SHEET 10 OF 11





(MULTILANE ROADWAY SHOWN, TWO-LANE ROADWAY SIMILAR)

SYMBOLS:

- Work Area
- Work Zone Sign
- Traffic Control Officer
- Lane Identification and Direction of Traffic

NOTES:

1. This index applies to two-lane, two-way and multilane roadways, except limited access facilities, with temporary daytime roadway closures of 5 minutes or less.
2. B = Buffer Length
X = Work Zone Sign Distance
See Index 102-600 for "B" and "X" values.
3. For Two-Lane Roadways, a Flagger may substitute the traffic control officer with approval of the engineer.
4. Traffic volume or complexity of the roadway may dictate additional signs, devices or traffic control officers.
5. Optionally, use FLAGGER AHEAD sign with symbol (W20-7) instead of FLAGGER AHEAD sign with text (W20-7A).
6. Dual Signs are required for divided roadways only.

DESCRIPTION:

LAST REVISION
11/01/20

FY 2025-26
STANDARD PLANS

TEMPORARY ROADWAY CLOSURE

INDEX
102-625

SHEET
11 OF 11

