



## 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: 7/30/2025 Meeting Date: 8/7/2025

Department: Public Works

**1. Nature and purpose of agenda item:**

Utility permit from Comcast requesting to install a line on SW Nautilus Road

**2. Recommended Motion/Action:**

Approve

**3. Fiscal impact on current budget.**

This item has no effect on the current budget.

Permit 2

COLUMBIA COUNTY BOARD OF COUNTY COMISSIONERS  
UTILITY PERMIT

Date: 7/17/2025 Permit No. JB0001836297\_FLLCT00500 Permit 2 County Road SW Nautilus Rd Section No. S24, S19

Permittee Comcast Authorized Agent, Jose Valdovinos, Jose.Valdovinos@mastec.com

Address 633 NW 250th St. Newberry, FL 32669 Telephone Number 719-649-2232

Requesting permission from Columbia County, Florida, hereinafter called the County, to contract, operate and maintain Proposed underground Fiber/Coax Installation.

WORK LOCATION: 1345 SW Nautilus Rd, Lake City FL 32024

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

Submitted for the Utility Owner by: Leonora Garado, Agent for Comcast Leonora Garado 7/17/2025  
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 ( ) NO ( ). If YES: LAKE CITY ( ) FORT WHITE ( ). A letter of notification was mailed on \_\_\_\_\_ to the following utility owners \_\_\_\_\_

Locates to be completed prior to construction.

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. 32025 Telephone Number 386-758-1019. The PERMITTEE's employee responsible for Maintenance of Traffic is Carlos Jimenez Telephone Number 305-206-3406 (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 90 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: Leonora Garado, Agent for Comcast  
Permittee

Place Corporate Seal

Leonora Garado Sr. Permit Coordinator  
Signature and Title

Comcast Authorized Agent  
Attested

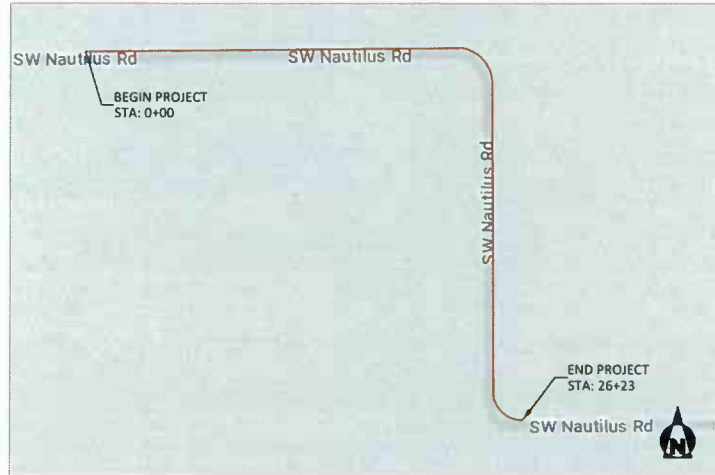




JB0001836297 — FLLCT00500

1345 SW NAUTILUS RD  
LAKE CITY ,FL 32024,USA

PROPOSED UNDERGROUND FIBER/COAX INSTALLATION



THE FOLLOWING STANDARD PLANS ARE IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION 2024-2025 INDEX 102-602, 102-660 & 102-625 AND APPLY TO: 1345 SW NAUTILUS RD, LAKE CITY, FL 32024, COLUMBIA COUNTY

**GENERAL NOTES:**

ALL PROPOSED UNDERGROUND CATV WILL BE BURIED A MINIMUM OF 36" DEEP EXCEPT ROAD BORES 80" DEEP AND DRIVEWAY BORES AT 60" 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 7' 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 2" HDPE CONDUIT AT 36" DEPTH EXCEPT ROAD BORES AT 60" DEPTH AND DRIVEWAY BORES AT 60" DEPTH USING A 5 1/4" DRILL HEAD.

ALL PROPOSED UNDERGROUND WILL BE 48CT FOC AND WILL BE LASHED TO 0.250" STEEL STRAND CABLE USING 0.125" STANDARD GALVANIZED LASHING WIRE.

ALL PROPOSED AERIAL CATV CROSSING ROADWAYS WILL HAVE MINIMUM MID-SPAN HEIGHT OF 18'-0"

ALL PROPOSED AERIAL CATV CROSSING DRIVEWAYS WILL HAVE MINIMUM MID-SPAN HEIGHT OF 18'-0"

ALL PROPOSED VAULTS WILL BE MINIMUM 15 TIER RATE.

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 PAVER 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 INFRASTRURE AND THE EXISTING FACILITIES OF THE OTHER UTILITY COMPANIES

NO REAMER USED



FLLCT00500

DIG ALERT  
CALL TOLL FREE 811  
OR VISIT  
WWW.DIGANYWHERE.COM  
FOR UNDERGROUND  
SERVICE ALERT #11



1345 SW NAUTILUS RD  
LAKE CITY ,FL 32024,USA  
COLUMBIA COUNTY  
LATITUDE: 30.0428  
LONGITUDE: -82.6604  
TOWNSHIP: T5S  
RANGE: R16E,R17E  
SECTION: S24,S19  
QTR SECTION: TBD

123 MAIN STREET  
ANYTOWN, FL 12345  
(855) 555-5555  
JON.DOE@MASTEC.COM



COMCAST  
OUTSIDE PLANT CONSTRUCTION  
TITLE FIBER OPTIC CABLE ROUTE  
PROJECT NAME: FLLCT00500

DATE: 09/05/2025  
ENG: MASTEC  
DRAWN BY: JD  
REVISIONS  
REV DATE DESCRIPTION BY  
SHEET NAME: COVER SHEET

SHEET SCALE

FULL SIZE 22X36 N.T.S.  
HALF SIZE 11X17 N.T.S.

SHEET 01 OF 19  
JB#: JB0001836297









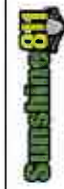


**COMCAST**

FLLC00500

**DIG ALERT**  
CALL TOLL FREE 48  
HOURS AHEAD  
INCLUDING  
SUNDAYS  
SERVICE ALERT 811

1345 SW NAUTILUS RD  
LAKE CITY, FL 32024, USA  
COLUMBIA COUNTY  
LATITUDE: 30.0428  
LONGITUDE: -82.6604  
TOWNSHIP: T5S  
RANGE: R16E, R17E  
SECTION: S24, S19  
QTR SECTION: TBD  
PE STAMP:



123 MAIN STREET  
ANYTOWN, FL 12345  
(555) 555-5555  
JON.DOE@MASTEC.COM



**COMCAST**  
OUTSIDE PLANT CONSTRUCTION  
TITLE: FIBER OPTIC CABLE ROUTE  
PROJECT NAME: FLCCT00500

DATE: 05/05/2025

ENG: MASTEC

DRAWN BY: JD

REVISIONS

REV	DATE	DESCRIPTION	BY

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SHEET SCALE

FULL SIZE 22X36 N.T.S.

HALF SIZE 11X17 N.T.S.

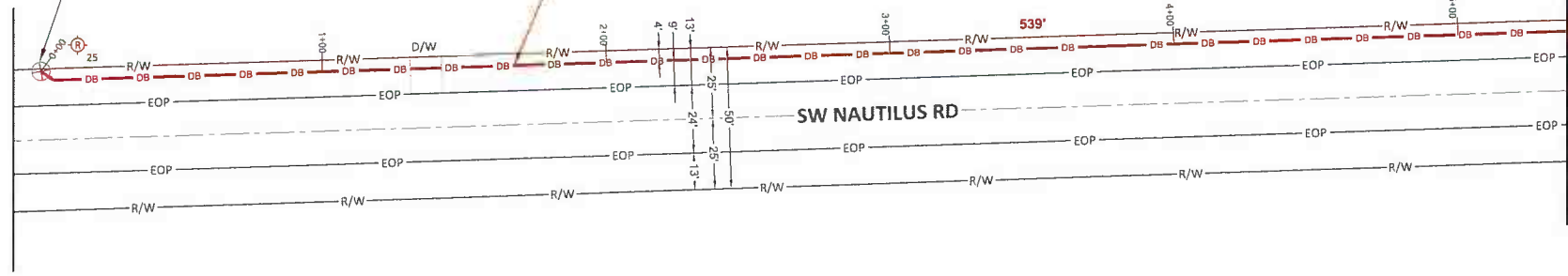
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SHEET 05 OF 19

JB#: JB0001838297

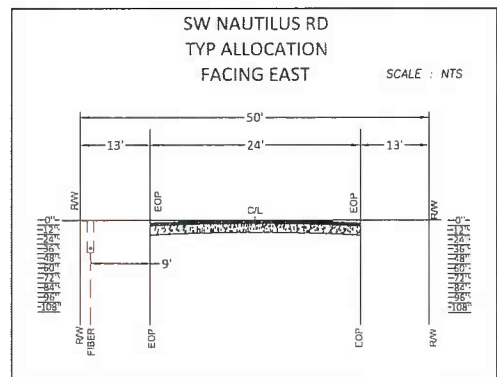
PROJECT BEGINS AT  
EXISTING POLE  
STA : 0+00  
LAT/LONG: 30.0428, -82.6604  
RISER DOWN

1345  
BORE & PL. (1) - 2" SDR-11 HDPE  
CONDUIT EAW (1) 24CT FOC  
& LOCATE WIRE  
VERTICAL CLEARANCE  
TO BE 36" DEPTH  
REAMER SIZE 2"



MATCH TO SHEET 7

← SW SHEPPARD RD  
APPROX 1160 ±





PROJECT BEGINS AT  
EXISTING POLE  
STA : 0+00  
LAT/LONG:30.0428,-82.6604  
RISER DOWN

BORE & PL. (1) - 2" SDR-11 HDPE  
CONDUIT E/W (1) 24CT FOC  
& LOCATE WIRE  
VERTICAL CLEARANCE  
TO BE 36" DEPTH  
REAMER SIZE 2"

SW SHEPPARD RD  
APPROX 1160 +

MATCH TO SHEET 8

		FLLCT00500 1345 SW NAUTILUS RD LAKE CITY, FL 32024, USA COLUMBIA COUNTY																			
DIG ALERT CALL TOLL FREE 48 HOURS AHEAD OF ANY DIGGING OR DRILLING SERVICE ALERT 811		LATITUDE: 30.0428 LONGITUDE: -82.6604 TOWNSHIP: T5S RANGE: R16E, R17E SECTION: S24, S19 QTR SECTION: TBD																			
PE STAMP		123 MAIN STREET ANYTOWN, FL 12345 (555) 555-5555 JOHN.DOE@MASTEC.COM																			
COMMUNICATIONS GROUP		OUTSIDE PLANT CONSTRUCTION TITLE: FIBER OPTIC CABLE ROUTE PROJECT NAME: FLLCT00500																			
SHEET NAME SITE PLAN		DATE: 05/05/2025 ENG: MASTEC DRAWN BY: JD																			
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REV	DATE	DESCRIPTION	BY																		
SHEET SCALE		FULL SIZE 22X36 N.T.S. HALF SIZE 11X17 N.T.S.																			
SHEET SITE PLAN		SHEET 06 OF 19 JB# JB0001836297																			

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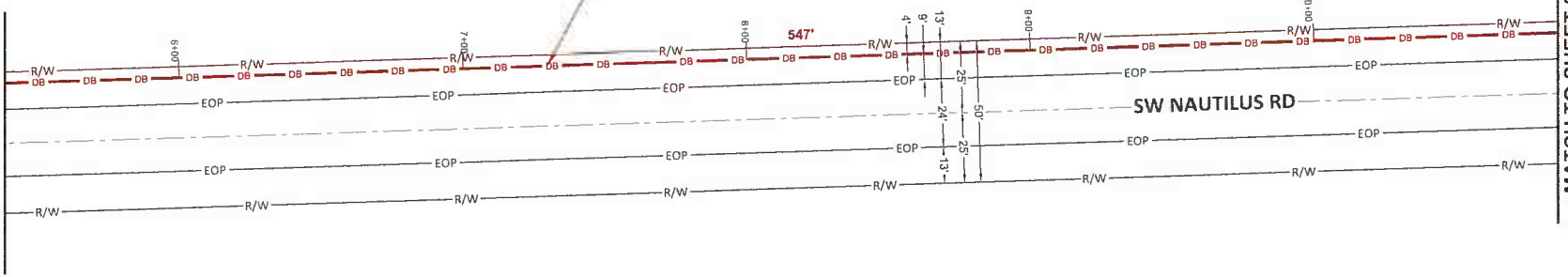


**DIG ALERT**  
CALL 800.485.4848  
OR VISIT WWW.DIGNOTHING.COM  
FOR SERVICE ALERT #11



FLLCT00500  
1345 SW NAUTILUS RD  
LAKE CITY, FL 32024 USA  
COLUMBIA COUNTY  
LATITUDE: 30.0428  
LONGITUDE: -82.6604  
TOWNSHIP: T5S  
RANGE: R16E, R17E  
SECTION: S24, S19  
QTR SECTION: TBD  
PE STAMP:

MATCH TO SHEET 5



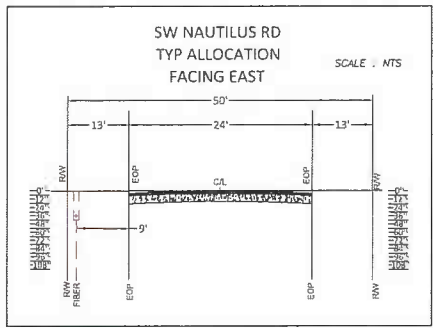
**BORE & PL. (1) - 2" SDR-11 HDPE CONDUIT E/W (1) 24CT FOC & LOCATE WIRE VERTICAL CLEARANCE TO BE 36" DEPTH REAMER SIZE 2"**

MATCH TO SHEET 09

123 MAIN STREET  
ANYTOWN, FL 12345  
(955) 555-5555  
JON.DOE@MASTEC.COM



**COMCAST**  
OUTSIDE PLANT CONSTRUCTION  
TITLE: FIBER OPTIC CABLE ROUTE  
PROJECT NAME: FLLCT00500

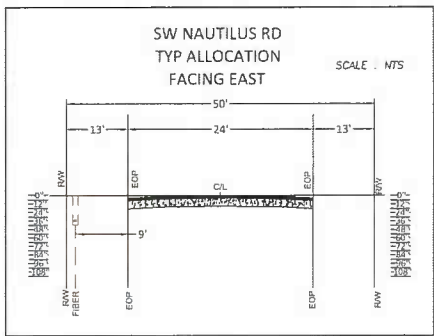
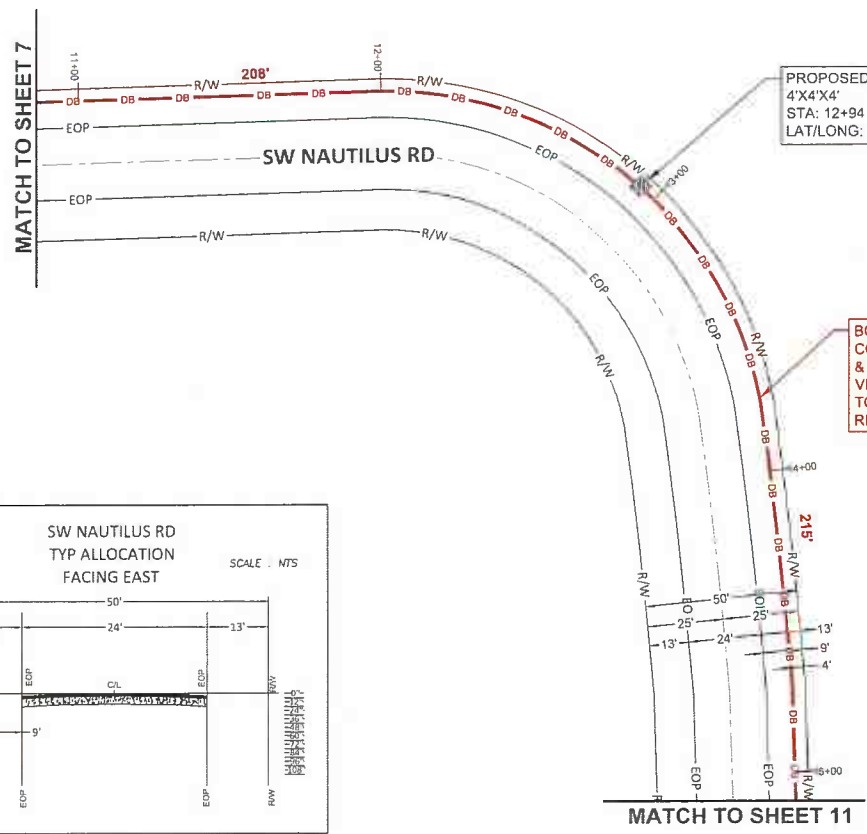
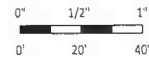


DATE: 05/05/2025  
ENG: MASTEC  
DRAWN BY: JD

REVISIONS			
REV	DATE	DESCRIPTION	BY

SHEET	SCALE	
FULL SIZE 22X36	N.T.S.	
HALF SIZE 11X17	N.T.S.	
SHEET	07 OF 19	
JB#	JB0001836297	





COMCAST

**DIG ALERT**  
CALL 800 4 A HEADLINE  
FOR INFORMATION AND  
DISCUSSIONS  
SERVICE ALERT 811



FLCT00500  
1345 SW NAUTILUS RD  
LAKE CITY, FL 32024 USA  
COLUMBIA COUNTY  
LATITUDE: 30.0428  
LONGITUDE: -82.6804  
TOWNSHIP: T5S  
RANGE: R16E, R17E  
SECTION: S24, S19  
QTR SECTION: TBD  
PE STAMP:

123 MAIN STREET  
ANYTOWN, FL 12345  
(555) 555-5555  
JON.DOLE@MASTEC.COM



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OUTSIDE PLANT CONSTRUCTION  
TITLE: FIBER OPTIC CABLE ROUTE  
PROJECT NAME: FLCT00500

**SHEET NAME:** SITE PLAN

DATE:	05/05/2025		
ENG:	MASTEC		
DRAWN BY:	JD		
REVISIONS			
REV	DATE	DESCRIPTION	BY

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**SHEET** SCALE

FULL SIZE 22X36	N.T.S.
HALF SIZE 11X17	N.T.S.

**SITE PLAN**





SHEET	09 OF 19
JB#	JB0001836297



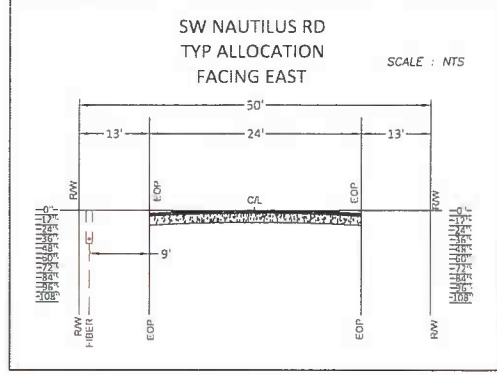
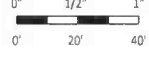
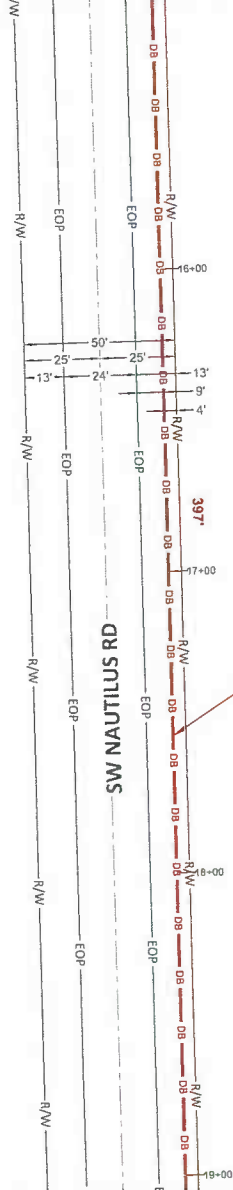
MATCH TO SHEET 8

MATCH TO SHEET 12



 DIG ALERT CALL 811 BEFORE YOU DIG DIG UNDERGROUND SERVICES IN CRT 811	 COMCAST FLLCT00500 1345 SW NAUTILUS RD LAKE CITY, FL 32024 USA COLUMBIA COUNTY LATITUDE: 30.0428 LONGITUDE: -82.6604 TOWNSHIP: T5S RANGE: R16E, R17E SECTION: S24, S19 QTR SECTION: TBD PE STAMP:																																																
	123 MAIN STREET ANYTOWN, FL 12345 (855) 555-5555 JON.D@MASTEC.COM  Mastec Communications Group  COMCAST OUTSIDE PLANT CONSTRUCTION TITLE: FIBER OPTIC CABLE ROUTE PROJECT NAME: FLLCT00500																																																
SHEET NAME: SITE PLAN DATE: 09/05/2025 ENG: MASTEC DRAWN BY: JD REVISIONS <table border="1"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> EXCEPT AS SHOWN ON THE DRAWING PROVIDED BY CONTRACTOR, THIS IS CONTRACTOR'S BEST EFFORTS ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL INFORMATION AND CONDITIONS ON SITE FOR ANY CHANGE OF FIELD CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL INFORMATION AND CONDITIONS ON SITE FOR ANY CHANGE OF FIELD CONDITIONS.	REV	DATE	DESCRIPTION	BY																					DATE: 09/05/2025 ENG: MASTEC DRAWN BY: JD REVISIONS <table border="1"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	REV	DATE	DESCRIPTION	BY																				
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SHEET SCALE FULL SIZE 22X36 N.T.S. HALF SIZE 11X17 N.T.S.	SHEET 10 OF 19 JB# JB0001836297																																																

MATCH TO SHEET 9



BORE & PL (1) - 2" SDR-11 HDPE CONDUIT E/W (1) 24CT FOC & LOCATE WIRE VERTICAL CLEARANCE TO BE 36" DEPTH REAMER SIZE 2"

MATCH TO SHEET 13

**DIG ALERT**  
CALL TOLL FREE 1-800-4-A-ROOT OR VISIT WWW.SUNSHINE811.COM SURFACE ALERT 811

FLLC00500

1345 SW NAUTILUS RD  
LAKE CITY, FL 32024 USA  
COLUMBIA COUNTY

LATITUDE: 30.0428  
LONGITUDE: -82.6604  
TOWNSHIP: T5S  
RANGE: R16E R17E  
SECTION: S24, S19  
QTR SECTION: TBD

PE STAMP

---

123 MAIN STREET  
ANYTOWN, FL 12345  
(555) 555-5555  
JON.DOE@MASTEC.COM

**OUTSIDE PLANT CONSTRUCTION**

TITLE: FIBER OPTIC CABLE ROUTE  
PROJECT NAME: FLCCT00500

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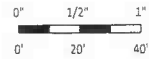
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	DATE:	05/05/2025
	ENG:	MASTEC
SHEET	SCALE	
	FULL SIZE 22X36	N.T.S.
SITE PLAN	SCALE	
	HALF SIZE 11X17	N.T.S.
SHEET 11 OF 19		JB#: JB0001836297

MATCH TO SHEET 10



**BORE & PL (1) - 2" SDR-11 HDPE CONDUIT E/W (1) 24CT FOC & LOCATE WIRE VERTICAL CLEARANCE TO BE 36" DEPTH REAMER SIZE 2"**

MATCH TO SHEET 14



**DIG ALERT**  
CALL 811 BEFORE YOU DIG  
FOR INFORMATION ON SERVICE ALERT #11



FLLCT00500	
1345 SW NAUTILUS RD LAKE CITY, FL 32024, USA COLUMBIA COUNTY	
LATITUDE:	30.0428
LONGITUDE:	-82.6604
TOWNSHIP:	T5S
RANGE:	R16E, R17E
SECTION:	S24, S19
QTR SECTION:	TBD
PE STAMP:	

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ANYTOWN, FL 12345  
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JOHN.DOE@MASTEC.COM



**COMCAST**  
OUTSIDE PLANT CONSTRUCTION  
TITLE: FIBER OPTIC CABLE ROUTE  
PROJECT NAME: FLLCT00500

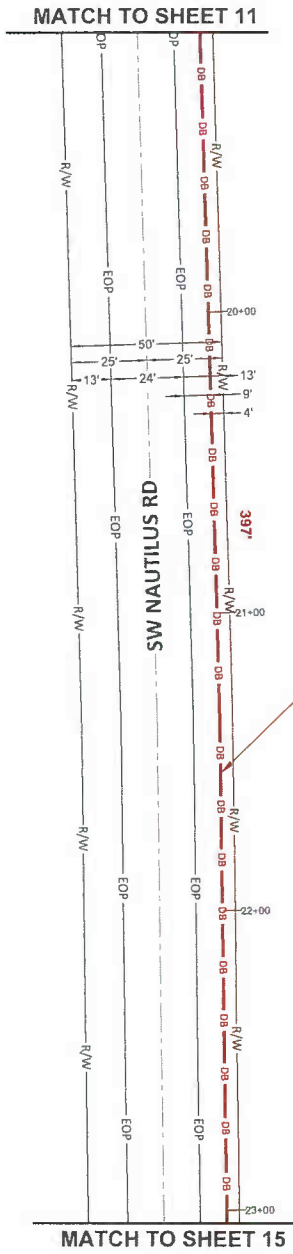
SHEET NAME: SITE PLAN

DATE: 05/05/2025  
ENG: MASTEC  
DRAWN BY: JD

REVISIONS			
REV	DATE	DESCRIPTION	BY

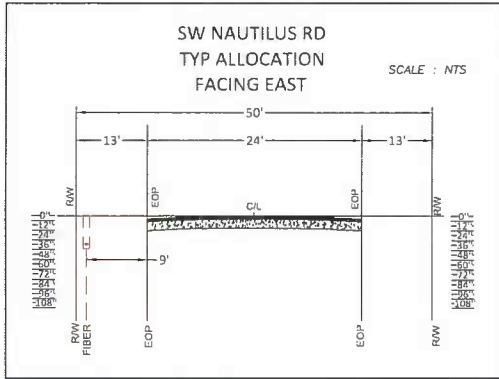
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SHEET	SCALE	
SITE PLAN	FULL SIZE 22X36	N.T.S.
	HALF SIZE 11X17	N.T.S.
SHEET	12 OF 19	
JB#:	JB0001836297	



BORE & PL. (1) - 2" SDR-11 HDPE CONDUIT E/W (1) 24CT FOC & LOCATE WIRE VERTICAL CLEARANCE TO BE 36" DEPTH REAMER SIZE 2"

863



COMCAST

FLCT00500

**DIG ALERT**  
CALL TOLL FREE 8  
000 24 HOURS A DAY  
FOR INFORMATION AND  
SERVICE ALERT #11



1345 SW NAUTILUS RD  
LAKE CITY, FL 32024 USA  
COLUMBIA COUNTY  
LATITUDE: 30 0428  
LONGITUDE: -82 6604  
TOWNSHIP: T5S  
RANGE: R16E, R17E  
SECTION: S24, S19  
QTR SECTION: TBD

PE STAMP:

123 MAIN STREET  
ANYTOWN, FL 12345  
(555) 555-5555  
JON.DOE@MASTEC.COM



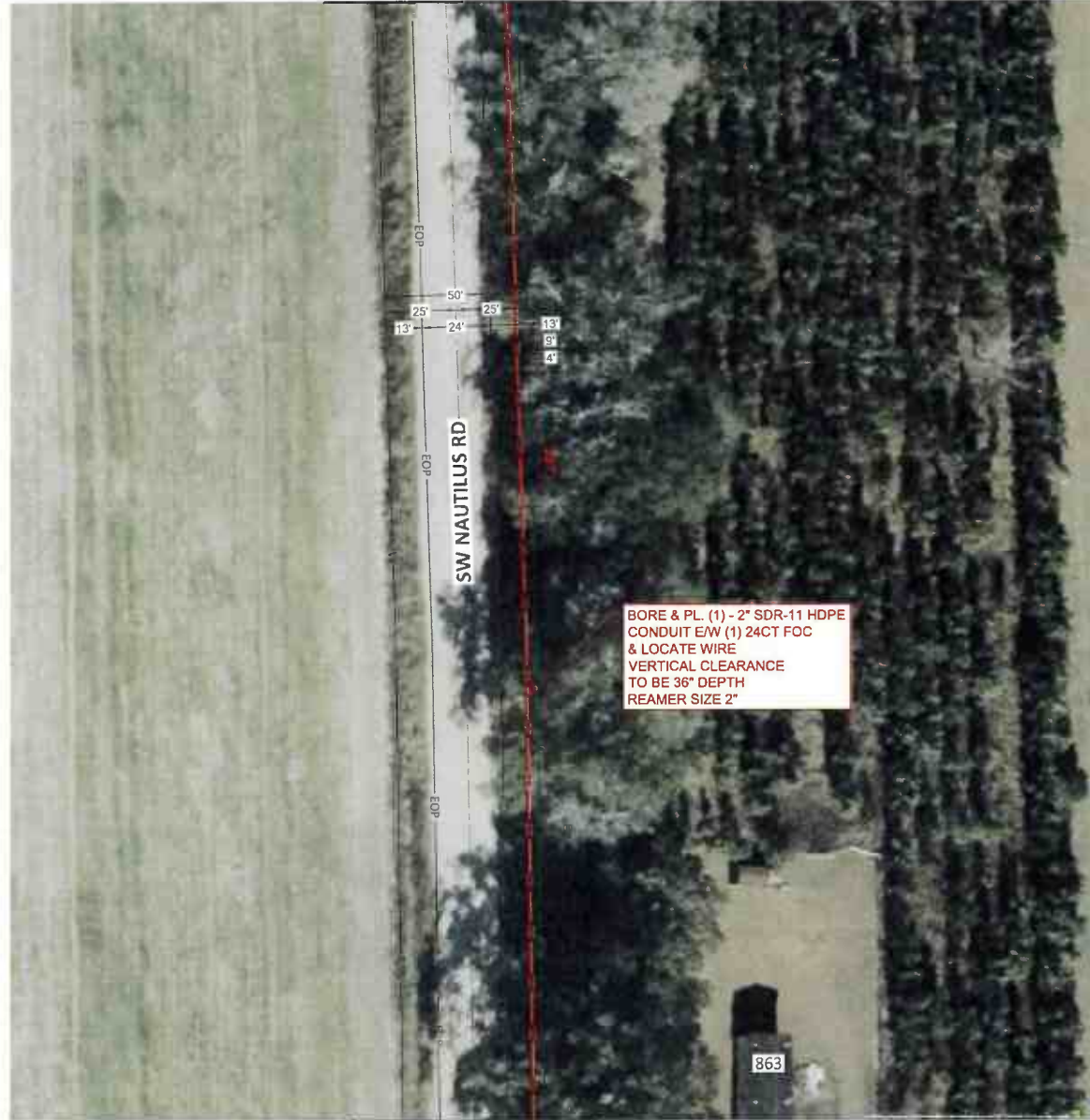
OUTSIDE PLANT CONSTRUCTION  
TITLE: FIBER OPTIC CABLE ROUTE  
PROJECT NAME: FLCT00500

DATE: 05/05/2025  
ENG: MASTEC  
DRAWN BY: JD

REVISIONS			
REV	DATE	DESCRIPTION	BY

SHEET SCALE  
FULL SIZE 22X36 N.T.S.  
HALF SIZE 11X17 N.T.S.  
SHEET 13 OF 19  
JB# JB0001836297

MATCH TO SHEET 12



BORE & PL. (1) - 2" SDR-11 HDPE  
CONDUIT E/W (1) 24CT FOC  
& LOCATE WIRE  
VERTICAL CLEARANCE  
TO BE 36" DEPTH  
REAMER SIZE 2"

MATCH TO SHEET 16



**DIG ALERT**  
CALL TOLL FREE 888  
800-455-4646 48  
HOURS BEFORE YOU  
DURANCE. ALPHA 811



FLLCT00500
1345 SW NAUTILUS RD LAKE CITY, FL 32024, USA COLUMBIA COUNTY
LATITUDE: 30.0428
LONGITUDE: -82.6604
TOWNSHIP: T6S
RANGE: R16E, R17E
SECTION: S24, S19
QTR SECTION: T8D
PE STAMP:

123 MAIN STREET  
ANYTOWN, FL 12345  
(555) 555-5555  
JON.DDE@MASTEC.COM



COMCAST  
OUTSIDE PLANT CONSTRUCTION  
TITLE: FIBER OPTIC CABLE ROUTE  
PROJECT NAME: FLLCT00500

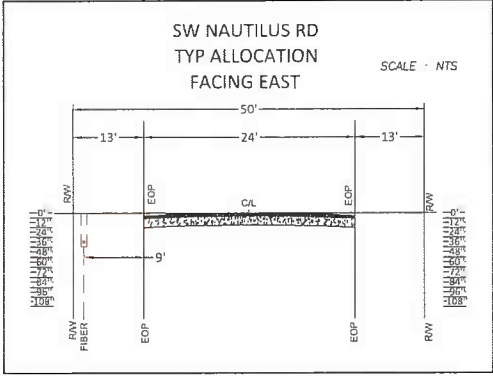
DATE: 05/05/2025  
ENG: MASTEC  
DRAWN BY: JD

REVISIONS			
REV	DATE	DESCRIPTION	BY

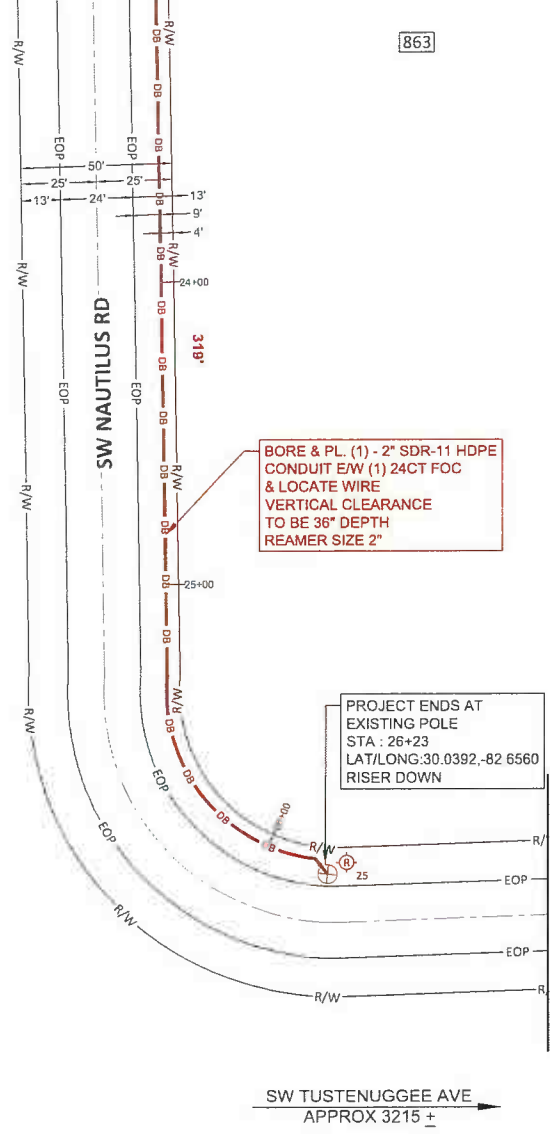
SHEET NAME:  
SITE PLAN

SHEET	SCALE
SITE PLAN	FULL SIZE 22X36 N.T.S. HALF SIZE 11X17 N.T.S.
SHEET	14 OF 19
JB#:	JB0001836297

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**MATCH TO SHEET 13**



SW TUSTENUGGEE AVE  
APPROX 3215 ±

863



COMCAST																													
FLLC00500																													
1345 SW NAUTILUS RD LAKE CITY, FL 32024 USA COLUMBIA COUNTY																													
LATITUDE:	30.0428																												
LONGITUDE:	-82.6604																												
TOWNSHIP:	T55																												
RANGE:	R16E, R17E																												
SECTION:	S24, S19																												
QTR SECTION:	TBD																												
PE STAMP																													
 <b>OUTSIDE PLANT CONSTRUCTION</b> TITLE: FIBER OPTIC CABLE ROUTE PROJECT NAME: FLCCT00500																													
123 MAIN STREET ANYTOWN, FL 12345 (555) 555-5555 JON.DOE@MASTEC.COM																													
SITE PLAN	DATE: 05/05/2025 ENG: MASTEC DRAWN BY: JD REVISIONS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	REV	DATE	DESCRIPTION	BY																								
REV	DATE	DESCRIPTION	BY																										
SHEET NAME: SITE PLAN SHEET: SCALE FULL SIZE 22X36 N.T.S. HALF SIZE 11X17 N.T.S. SHEET: 15 OF 19 JOB#: JB0001838297																													

MATCH TO SHEET 14



**DIG ALERT**  
CALL TOLL FREE 800  
486-6266 OR VISIT  
WWW.DIGNOTICE.COM  
INCLUDE LOCATION  
REFERENCE, ALERT #11



FLLC00500
1345 SW NAUTILUS RD LAKE CITY, FL 32024 USA COLUMBIA COUNTY
LATITUDE: 30.0428
LONGITUDE: -82.6604
TOWNSHIP: T6S
RANGE: R16E, R17E
SECTION: S24, S19
QTR SECTION: T80

PE STAMP

123 MAIN STREET  
ANYTOWN, FL 12345  
(555) 555-5555  
JON.DOE@MASTEC.COM



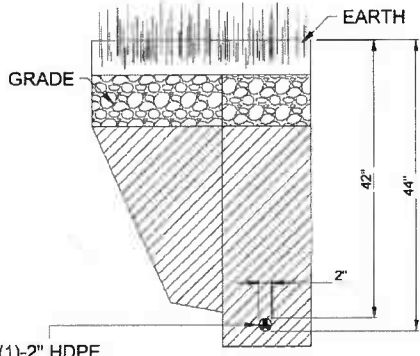
**COMCAST**  
OUTSIDE PLANT CONSTRUCTION  
TITLE: FIBER OPTIC CABLE ROUTE  
PROJECT NAME: FLCCT00500

DATE: 05/05/2025  
ENG: MASTEC  
DRAWN BY: JD

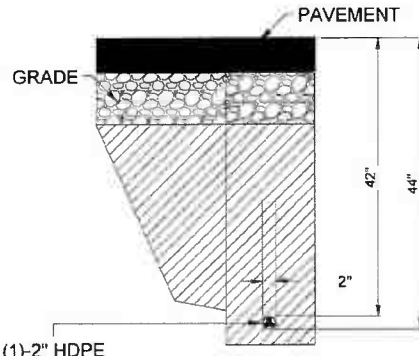
REVISIONS			
REV	DATE	DESCRIPTION	BY

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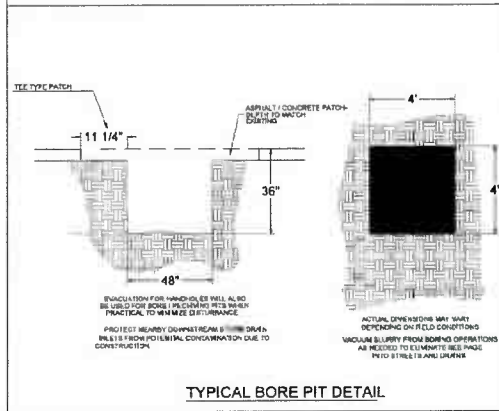
SHEET	SCALE	
SITE PLAN	FULL SIZE 22X36	N.T.S.
	HALF SIZE 11X17	N.T.S.
SHEET	16 OF 19	
JOB#: JB0001838297		



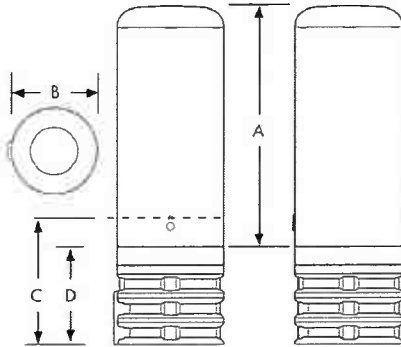
**BORE @ EARTH**



**BORE @ PAVEMENT**

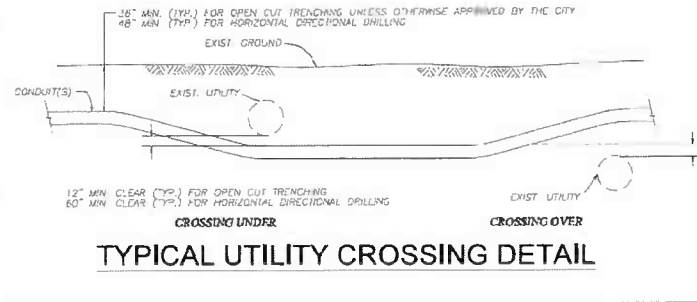


**TYPICAL BORE PIT DETAIL**



	A	B	C	D
CPH 911	13.0" (330mm)	9.5" (240mm)	14.5" (370mm)	10.5" (265mm)
CPH 920	22.0" (560mm)	9.5" (240mm)	14.5" (370mm)	10.5" (265mm)
CPH 1022	24.0" (610mm)	10.75" (275mm)	14.5" (370mm)	10.5" (265mm)

Note: Dimensions in inches (mm)



**TYPICAL UTILITY CROSSING DETAIL**



**COMCAST**

FLLC00500

**DIG ALERT**  
CALL 811 BEFORE YOU DIG  
FOR UNDERGROUND  
UTILITIES. VISIT  
WWW.DIGALERT.COM



1345 SW NAUTILUS RD  
LAKE CITY, FL 32024, USA  
COLUMBIA COUNTY  
LATITUDE: 30.0428  
LONGITUDE: -82.6604  
TOWNSHIP: 75S  
RANGE: R16E, R17E  
SECTION: S24, S19  
QTR SECTION: TBD

123 MAIN STREET  
ANYTOWN, FL 12345  
(555) 555-5555  
JON.DOE@MASTEC.COM



**COMCAST**  
**OUTSIDE PLANT CONSTRUCTION**  
TITLE: FIBER OPTIC CABLE ROUTE  
PROJECT NAME: FLCCT00500

SHEET NAME:  
TYPICAL UG DETAILS

DATE: 05/05/2025

ENG: MASTEC

DRAWN BY: JD

REVISIONS

REV.	DATE	DESCRIPTION	BY

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SHEET SCALE

FULL SIZE 22X36 N.T.S.

HALF SIZE 11X17 N.T.S.





SHEET 17 OF 19

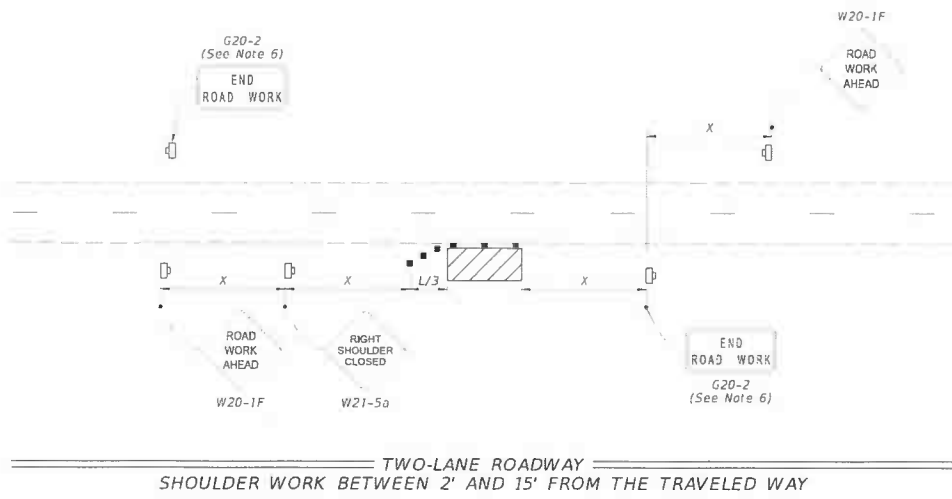
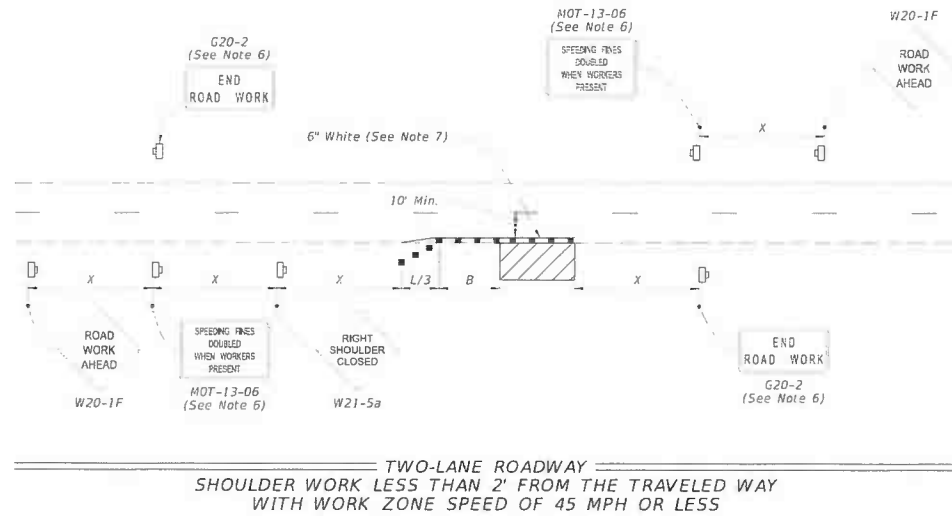
JB# JB0001836297

**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).

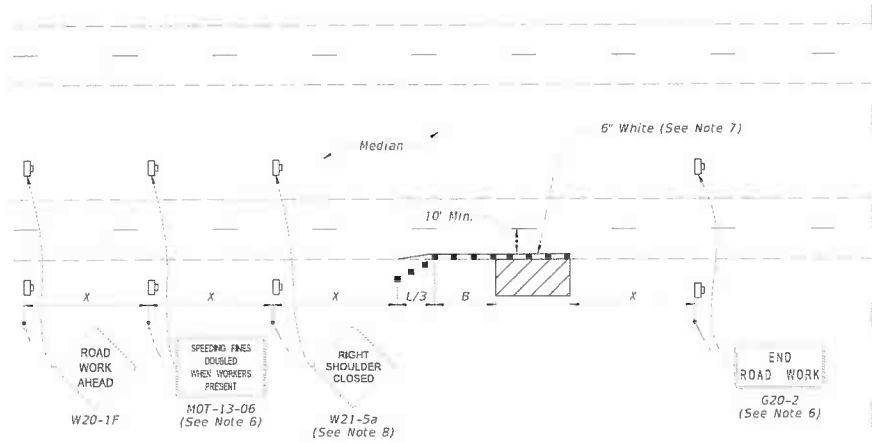
**SYMBOLS:**

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

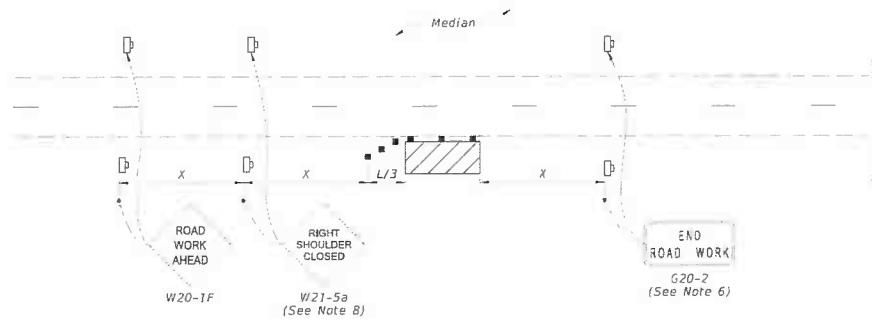


9/10/2024 10:45:37 AM

LAST REVISION 11/01/21	DESCRIPTION:	 FY 2025-26 STANDARD PLANS	TWO-LANE AND MULTILANE, WORK ON SHOULDER	INDEX 102-602	SHEET 1 of 2
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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

**SYMBOLS:**

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

3/10/2024 10:45:44 AM

LAST REVISION 11/01/20	REVISION	DESCRIPTION:	 FY 2025-26 STANDARD PLANS	TWO-LANE AND MULTILANE, WORK ON SHOULDER	INDEX 102-602	SHEET 2 of 2
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