

Department of Engineering  
Tim Bryan, P.E., County Engineer

3137 South Liberty Street, Canton, MS 39046  
Office (601) 790-2525 FAX (601) 859-3430

**MEMORANDUM**

May 15, 2023

To: Sheila Jones, Supervisor, District I  
Trey Baxter, Supervisor, District II  
Gerald Steen, Supervisor, District III  
Karl Banks, Supervisor, District IV  
Paul Griffin, Supervisor, District V

From: Tim Bryan, P.E., PTOE  
County Engineer

Re: Comcast Cable Utility Permit  
County Road Name, Loring Road Exd., Old 51 Road, and Bill Presley Road

The Engineering Department recommends approval of the permit application for Comcast Cable is attaching 24 CT and 48 CT fiber to existing poles, boring and installing 2" HDPE to pull 48 CT and 24 CT fiber within the right-of-way owned by the County including the listed roads below.

- Loring Road Exd.
- Old 51 Road
- Bill Presley Road



**PERMIT APPLICATION FOR THE CONSTRUCTION OR ADJUSTMENT OF A UTILITY WITHIN COUNTY ROAD RIGHT-OF-WAY**

Utility Information: Utility Name: COMCAST CABLE

Address: 3425 Malone Drive City/State/Zip: Chamblee/ GA/ 30-341

Contact Person: Linda Taibl Contact's Phone: \_\_\_\_\_

Project Information: County Road Name: Loring Rd Exd, Old 51 Rd, Bill Presley Rd

(If located within more than one road right-of-way, use Appendix 1 for additional descriptions)

Beginning Location: 32.77799, -89.98644 Ending Location: 32.79667, -89.96664

Length of Project: 8996FT Section: 34 Township: 3 Range: 69

Description of Work: COMCAST IS ATTACHING 24CT AND 48CT FIBER TO EXISTING POLES, BORING AND INSTALLING 2" HDPE TO PULL 48CT AND 24CT FIBER WITHIN THE RIGHT-OF-WAY OWNED BY THE COUNTY.

**TOTAL INSTALLATION LENGTH IN ROW: 10096FT**

Check Box if Appendix 1 is to be included as a part of this Application

Whereas the above stated Utility makes application to the **Madison County Board of Supervisors** for a Construction Permit. Attached hereto are drawings and plans for the construction of the above facilities located within Madison County owned public rights-of-way. Once stamped by the Madison County Engineering Department, these plans shall not be changed or altered without written approval of the County Engineer, or his representative. A copy of the approved permit and plans shall be on-site at all times during construction.

The Applicant Utility shall comply with all policies, procedures and construction practices as outlined in *A Policy for The Accommodation of Utility Facilities within the Right-of-Way of all Public County Roads* (hereinafter referred to as the "Policy"), as adopted on November 1, 2005, by the **Madison County Board of Supervisors**, and which is hereby made a part of this Application Agreement.

If facilities are to be located within the Rights-of-Way of the County-Federal or State Aid System, Applicant Utility also agrees to comply with applicable provisions of *S.O.P. No. SA II-2-8, Accommodation of Utilities on Rights-of-Way*, issued by the State Aid Engineer and dated July 1, 2005.

The Applicant Utility understands and agrees that, except as herein granted, no right, title, claim, or easement to said road right-of-way is granted by the issuance of this permit. If this Utility is listed in the general provisions of the Policy, it will be adjusted to comply with same without cost to the County, unless the variance from the Policy has been approved by the granting of the Permit pursuant to this Application.

The Applicant Utility further understands that the Utility's engineering, plant, or other personnel will be responsible for the staking and construction supervision of the work set out above and as shown on the attached plans. If work impacts traffic in any way, the appropriate traffic control shall be installed per the *Manual of Uniform Traffic Control Devices*, Latest Edition.

The Applicant Utility understands that the County Engineer, or his representative, may issue a Stop Work Order at any time if it is deemed that site conditions are not suitable for construction or if any of the requirements of this permit are not being met.

Many County Roads have variable Rights-of-Way and/or no Right-of-Way at all and are maintained under a Prescriptive Easement. It is the sole responsibility of the Applicant Utility to verify the existence and limits of public rights-of-way. If none exists, it is the

responsibility of the Applicant Utility to acquire an easement for their Facilities from the applicable property owner(s). **Madison County in no way verifies the limits of Right-of-Way as shown on the permit application.**

The Applicant Utility shall be responsible for all future maintenance and repair of the facilities installed under this permit. The Applicant Utility shall make future adjustments to, or relocate, the facilities located within road or highway right-of-way when required for road or highway widening or other road or highway construction at no cost to Madison County. The Applicant Utility shall relocate said utilities within sixty (60) days of notification by County by registered mail, return receipt requested, unless otherwise designated by the County Engineer. Further, any maintenance, repair, or construction shall be done in such a manner as to occasion no unreasonable interference with the normal flow and safety to traffic and at the expense of the utility company. When reasonable care has been taken to locate said utility facilities within the right-of-way, the Applicant Utility understands that any damages caused by routine maintenance and construction by County forces shall be borne by the Applicant Utility.

The Applicant Utility further agrees to indemnify and hold Madison County harmless for any and all claims, accidents, damages, liabilities and expenses occasioned wholly, or in part, by any act or omission of applicant, its agents or employees. In case County shall, without fault on its own part, be made a party to any litigation commenced by or against applicant, then applicant shall protect and hold County harmless, and shall pay all costs, expenses and reasonable attorney's fees incurred or paid by County in connection with said litigation.

**All underground facilities shall be installed at a depth equal to or greater than 48" below the lowest adjacent grade.**

All pipes carrying liquid shall be encased under County maintained roads.

WITNESS the signature of the Applicant this the 20 day of 04, 2023.

By: Linda Taibl  
(Applicant Signature)

Title: Construction specialist

**Note:** *Applicant must be an employee of the Utility named in this application. The Madison County Board of Supervisors will not recognize a Contractor, Subcontractor, Agent, or Consulting Engineer as the Applicant. Utility Company shall be fully responsible for all work performed under this application.*

I, or my authorized representative, have reviewed this application and determined that the drawing, sketches, and plans submitted by the Applicant meet the requirements of *A Policy for The Accommodation of Utility Facilities within the Right-of-Way of all Public County Roads.*

**APPROVED**

By: **By timothy.bryan at 2:12 pm, May 25, 2023**

Tim Bryan, P.E.  
County Engineer

AGREED TO AND APPROVED BY:

\_\_\_\_\_  
Madison County Board President

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

ENTERED INTO THE MINUTES OF THE BOARD OF SUPERVISORS OF MADISON COUNTY, MISSISSIPPI ON THIS

\_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_\_.

Appendix 1

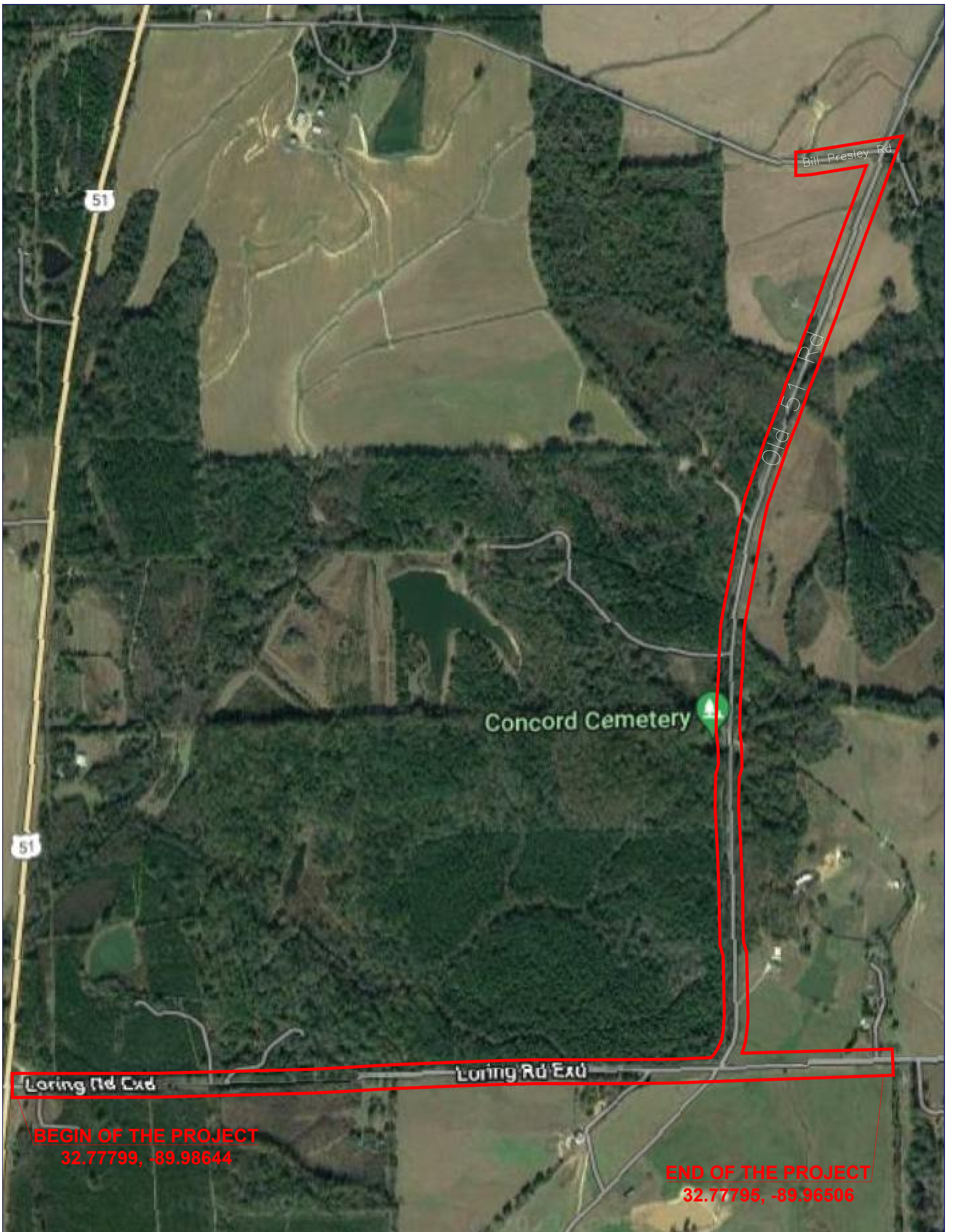
County Road Name: Loring Rd Exd  
Beginning Location: 32.77799, -89.98644 Ending Location: 32.77795, -89.96506  
Length of Project: 2768FT Section: 34 Township: 3 Range: 69  
Description of Work: ATTACH NEW 48CT FIBER TO EXISTING POLES, BORE AND INSTALL 2" HDPE TO PULL NEW 48CT FIBER WITHIN THE LORING RD EXD RIGHT-OF WAY.

County Road Name: Old 51 Rd  
Beginning Location: 32.786462, -89.968685 Ending Location: 32.786462, -89.968685  
Length of Project: 5758FT Section: 34 Township: 3 Range: 69  
Description of Work: ATTACH NEW 24CT FIBER TO EXISTING POLES, BORE AND INSTALL 2" HDPE TO PULL NEW 24CT FIBER WITHIN THE OLD 51 RD RIGHT-OF WAY.

County Road Name: Bill Presley Rd  
Beginning Location: 32.796532, -89.966644 Ending Location: 32.786462, -89.968685  
Length of Project: 235FT Section: 34 Township: 3 Range: 69  
Description of Work: ATTACH NEW 24CT FIBER TO EXISTING POLES, BORE AND INSTALL 2" HDPE TO PULL NEW 24CT FIBER WITHIN THE BILL PRESLEY RD RIGHT-OF WAY.

County Road Name: \_\_\_\_\_  
Beginning Location: \_\_\_\_\_ Ending Location: \_\_\_\_\_  
Length of Project: \_\_\_\_\_ Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_  
Description of Work: \_\_\_\_\_

County Road Name: \_\_\_\_\_  
Beginning Location: \_\_\_\_\_ Ending Location: \_\_\_\_\_  
Length of Project: \_\_\_\_\_ Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_  
Description of Work: \_\_\_\_\_



**BEGIN OF THE PROJECT**  
 32.77799, -89.98644

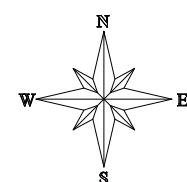
**END OF THE PROJECT**  
 32.77795, -89.96506

PREPARED BY:



QUASAR, INC.

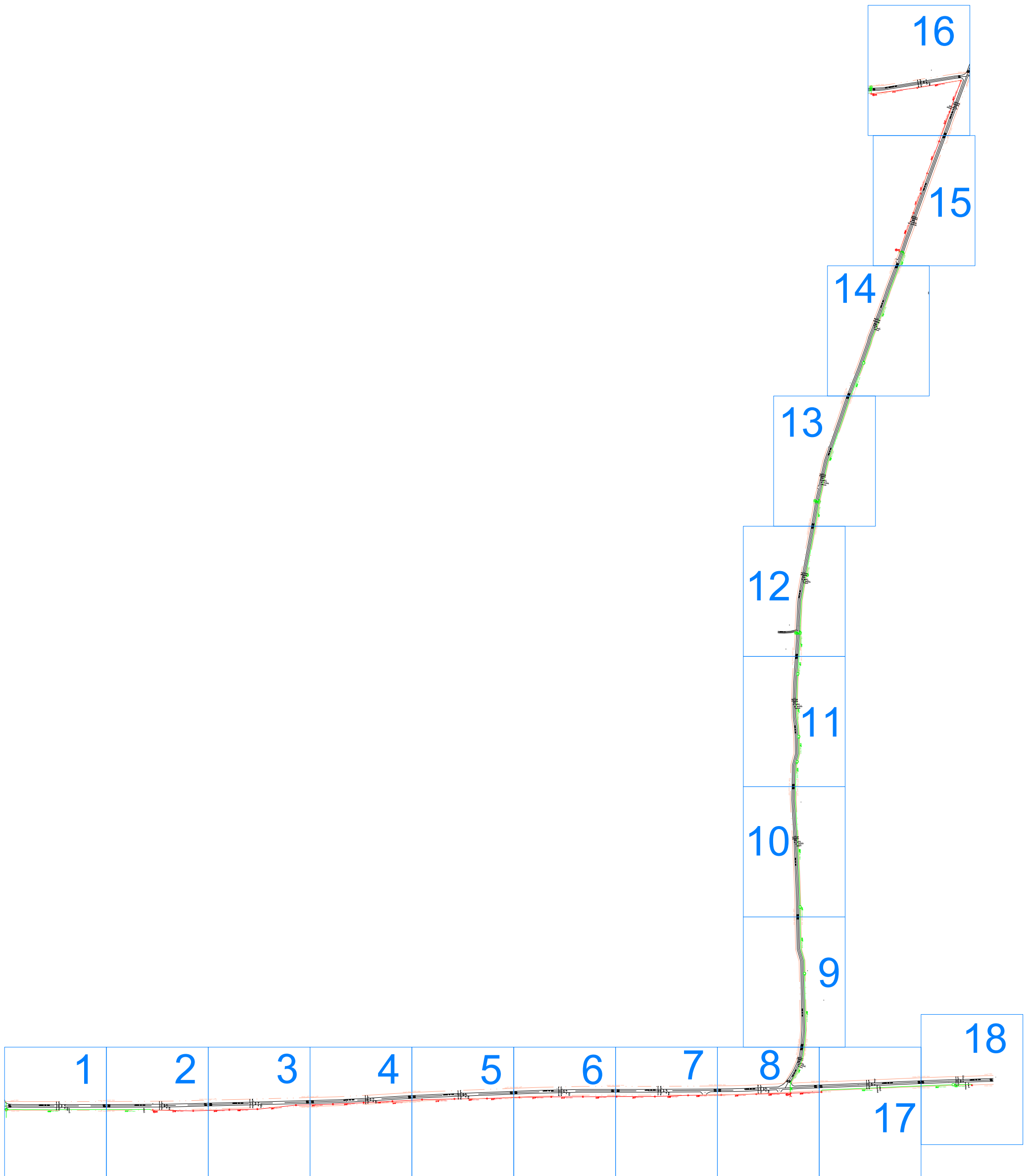
COMCAST IS ATTACHING FIBER TO EXISTING  
 POLES, BORING AND INSTALLING NEW CONDUIT WITHIN  
 THE RIGHT-OF-WAY OWNED BY THE COUNTY.  
 TOTAL: 10096 ft



ENGINEERED FOR:



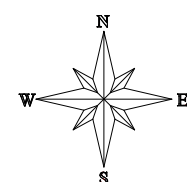
NO SCALE



PREPARED BY:



COMCAST IS ATTACHING FIBER TO EXISTING  
 POLES, BORING AND INSTALLING NEW CONDUIT WITHIN  
 THE RIGHT-OF-WAY OWNED BY THE COUNTY.  
 TOTAL: 10096 ft



ENGINEERED FOR:



NO SCALE

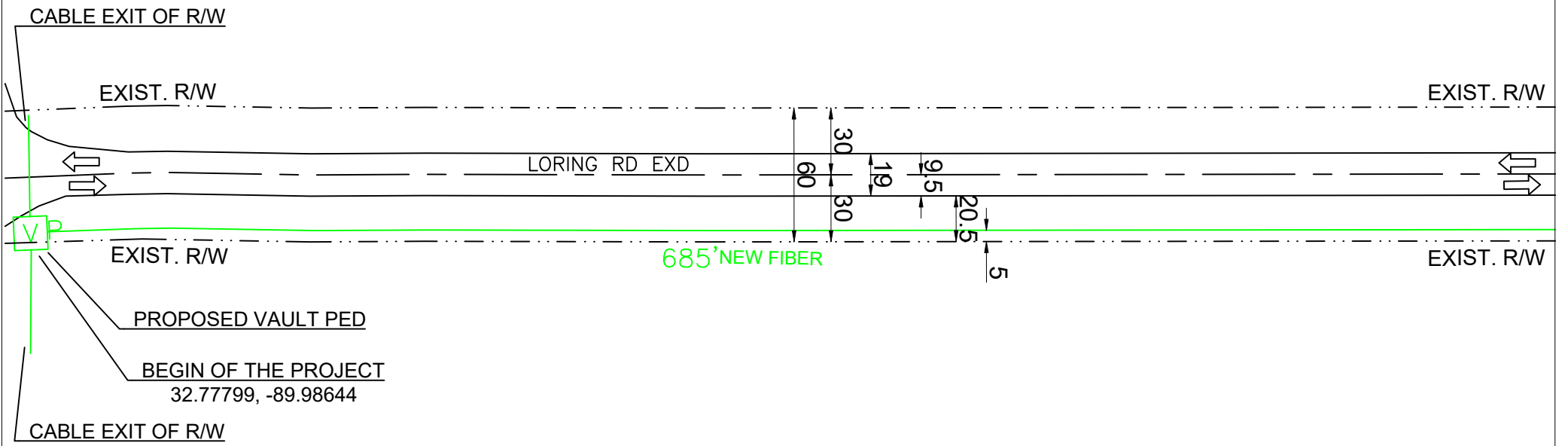
# NO MATCH SHEET

PROPOSED COMCAST UNDERGROUND  
 DIRECTIONAL BORE  
 4' MINIMUM DEPTH AT ALL POINTS  
 1 48CT FIBER CABLE  
 NO OTHER BURIED UTILITIES EXIST

INSTALLATION LENGTH IN RW ON THIS SHEET 685 FT

NO MATCH SHEET

MATCH SHEET 2



# NO MATCH SHEET

PREPARED BY:  	<table border="0"> <tr> <td> <ul style="list-style-type: none"> <li><span style="color: red;">✘</span> EXISTING POLE</li> <li><span style="color: green;">□</span> PROPOSED PEDESTAL</li> <li><span style="color: green;">V</span> PROPOSED VAULT</li> <li><span style="color: green;">W</span> WATER VALVE</li> <li><span style="color: green;">F</span> FIBER MARKER</li> <li><span style="color: green;">C</span> GAS MARKER</li> <li><span style="color: green;">MH</span> MANHOLE</li> <li><span style="color: green;">SM</span> SEWER MANHOLE</li> <li><span style="color: green;">SD</span> STORM DRAIN</li> </ul> </td> <td> <ul style="list-style-type: none"> <li>--- RIGHT OF WAY LINE</li> <li>--- IRRIGATION LINE</li> <li>--- WATER LANE</li> <li>--- GAS LANE</li> <li>--- PROPOSED ANCHOR</li> <li>--- PROPOSED RISER</li> </ul> </td> <td> <ul style="list-style-type: none"> <li>--- PROPOSED COAXIAL CABLE</li> <li>--- PROPOSED FIBER CABLE</li> <li>--- PROPOSED DIRECTIONAL BORE</li> <li>--- EXISTING CABLE</li> </ul> </td> </tr> </table>	<ul style="list-style-type: none"> <li><span style="color: red;">✘</span> EXISTING POLE</li> <li><span style="color: green;">□</span> PROPOSED PEDESTAL</li> <li><span style="color: green;">V</span> PROPOSED VAULT</li> <li><span style="color: green;">W</span> WATER VALVE</li> <li><span style="color: green;">F</span> FIBER MARKER</li> <li><span style="color: green;">C</span> GAS MARKER</li> <li><span style="color: green;">MH</span> MANHOLE</li> <li><span style="color: green;">SM</span> SEWER MANHOLE</li> <li><span style="color: green;">SD</span> STORM DRAIN</li> </ul>	<ul style="list-style-type: none"> <li>--- RIGHT OF WAY LINE</li> <li>--- IRRIGATION LINE</li> <li>--- WATER LANE</li> <li>--- GAS LANE</li> <li>--- PROPOSED ANCHOR</li> <li>--- PROPOSED RISER</li> </ul>	<ul style="list-style-type: none"> <li>--- PROPOSED COAXIAL CABLE</li> <li>--- PROPOSED FIBER CABLE</li> <li>--- PROPOSED DIRECTIONAL BORE</li> <li>--- EXISTING CABLE</li> </ul>		ENGINEERED FOR:  	MADISON COUNTY  LORING RD EXD  TRANSPORT FIBER  NO SCALE   SHEET 1 OF 18
<ul style="list-style-type: none"> <li><span style="color: red;">✘</span> EXISTING POLE</li> <li><span style="color: green;">□</span> PROPOSED PEDESTAL</li> <li><span style="color: green;">V</span> PROPOSED VAULT</li> <li><span style="color: green;">W</span> WATER VALVE</li> <li><span style="color: green;">F</span> FIBER MARKER</li> <li><span style="color: green;">C</span> GAS MARKER</li> <li><span style="color: green;">MH</span> MANHOLE</li> <li><span style="color: green;">SM</span> SEWER MANHOLE</li> <li><span style="color: green;">SD</span> STORM DRAIN</li> </ul>	<ul style="list-style-type: none"> <li>--- RIGHT OF WAY LINE</li> <li>--- IRRIGATION LINE</li> <li>--- WATER LANE</li> <li>--- GAS LANE</li> <li>--- PROPOSED ANCHOR</li> <li>--- PROPOSED RISER</li> </ul>	<ul style="list-style-type: none"> <li>--- PROPOSED COAXIAL CABLE</li> <li>--- PROPOSED FIBER CABLE</li> <li>--- PROPOSED DIRECTIONAL BORE</li> <li>--- EXISTING CABLE</li> </ul>					
LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY			NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED				

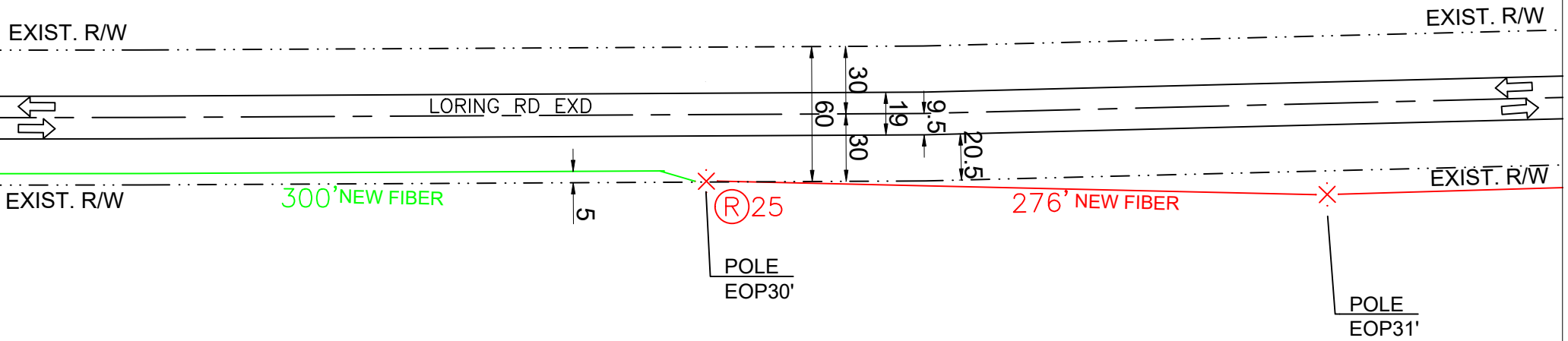
# NO MATCH SHEET

**PROPOSED COMCAST NEW ATTACHMENT**  
 18' MINIMUM HEIGHT AT ALL POINTS  
 1 48CT FIBER CABLE  
**PROPOSED COMCAST UNDERGROUND**  
 DIRECTIONAL BORE  
 4' MINIMUM DEPTH AT ALL POINTS  
 1 48CT FIBER CABLE  
 NO OTHER BURIED UTILITIES EXIST

INSTALLATION LENGTH IN RW ON THIS SHEET 315 FT

MATCH SHEET 1

MATCH SHEET 3



# NO MATCH SHEET

PREPARED BY:  	<ul style="list-style-type: none"> <li><span style="color: red;">✕</span> EXISTING POLE</li> <li><span style="color: green;">□</span> PROPOSED PEDESTAL</li> <li><span style="color: green;">▣</span> PROPOSED VAULT</li> <li><span style="color: green;">W</span> WATER VALVE</li> <li><span style="color: green;">F</span> FIBER MARKER</li> <li><span style="color: green;">C</span> GAS MARKER</li> <li><span style="color: green;">MH</span> MANHOLE</li> <li><span style="color: green;">SM</span> SEWER MANHOLE</li> <li><span style="color: green;">SD</span> STORM DRAIN</li> </ul>	<ul style="list-style-type: none"> <li>----- RIGHT OF WAY LINE</li> <li>----- IRRIGATION LINE</li> <li>----- WATER LANE</li> <li>----- GAS LANE</li> <li>----- PROPOSED ANCHOR</li> <li>----- PROPOSED RISER</li> </ul>	<ul style="list-style-type: none"> <li>----- PROPOSED COAXIAL CABLE</li> <li>----- PROPOSED FIBER CABLE</li> <li>----- PROPOSED DIRECTIONAL BORE</li> <li>----- EXISTING CABLE</li> </ul>		ENGINEERED FOR:  	MADISON COUNTY  LORING RD EXD  TRANSPORT FIBER
		<b>LEGEND:</b> RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY	<b>NOTES:</b> BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED		NO SCALE      SHEET 2 OF 18	

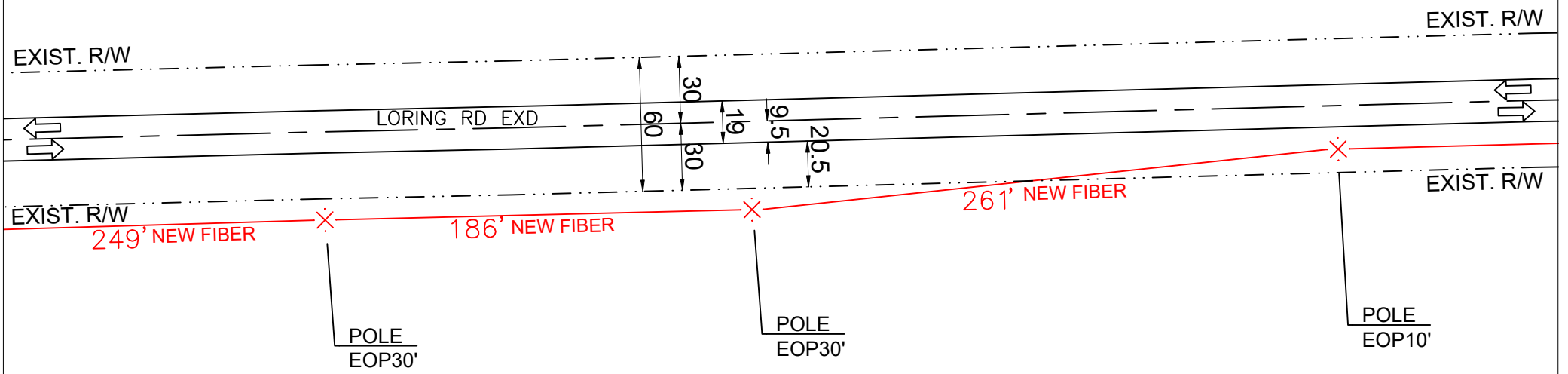


NO MATCH SHEET

PROPOSED COMCAST NEW ATTACHMENT  
 18' MINIMUM HEIGHT AT ALL POINTS  
 1 48CT FIBER CABLE

INSTALLATION LENGTH IN RW ON THIS SHEET 137 FT

MATCH SHEET 2



MATCH SHEET 4

NO MATCH SHEET

PREPARED BY:  	✕ ✕ ✕ ✕ EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN	- - - - - RIGHT OF WAY LINE ——— IRRIGATION LINE ——— WATER LANE ——— GAS LANE PROPOSED ANCHOR PROPOSED RISER	- - - - - PROPOSED COAXIAL CABLE ——— PROPOSED FIBER CABLE ——— PROPOSED DIRECTIONAL BORE ——— EXISTING CABLE		ENGINEERED FOR:  	MADISON COUNTY  LORING RD EXD  TRANSPORT FIBER
	LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY	NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED	NO SCALE		SHEET 3 OF 18	

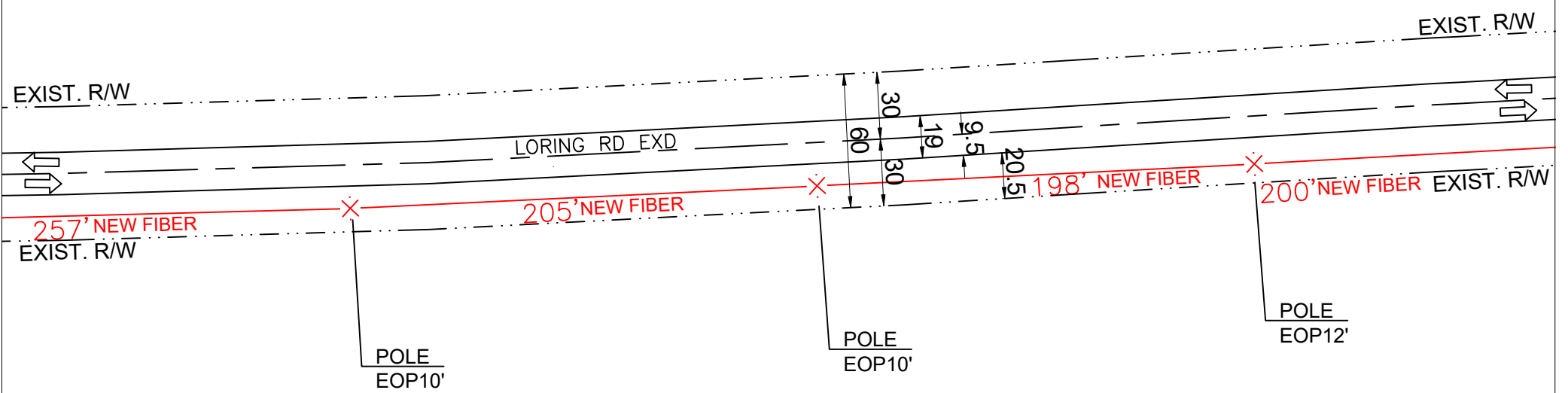
NO MATCH SHEET

PROPOSED COMCAST NEW ATTACHMENT  
 18' MINIMUM HEIGHT AT ALL POINTS  
 1 48CT FIBER CABLE

INSTALLATION LENGTH IN RW ON THIS SHEET 860 FT

MATCH SHEET 3

MATCH SHEET 5



NO MATCH SHEET

PREPARED BY:  	✕ ✕ ✕ ✕ EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN	- - - - - RIGHT OF WAY LINE ——— IRRIGATION LINE ——— WATER LANE ——— GAS LANE PROPOSED ANCHOR PROPOSED RISER	- - - - - PROPOSED COAXIAL CABLE ——— PROPOSED FIBER CABLE ——— PROPOSED DIRECTIONAL BORE ——— EXISTING CABLE		ENGINEERED FOR:  	MADISON COUNTY  LORING RD EXD  TRANSPORT FIBER
	LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY	NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED	NO SCALE		SHEET 4 OF 18	

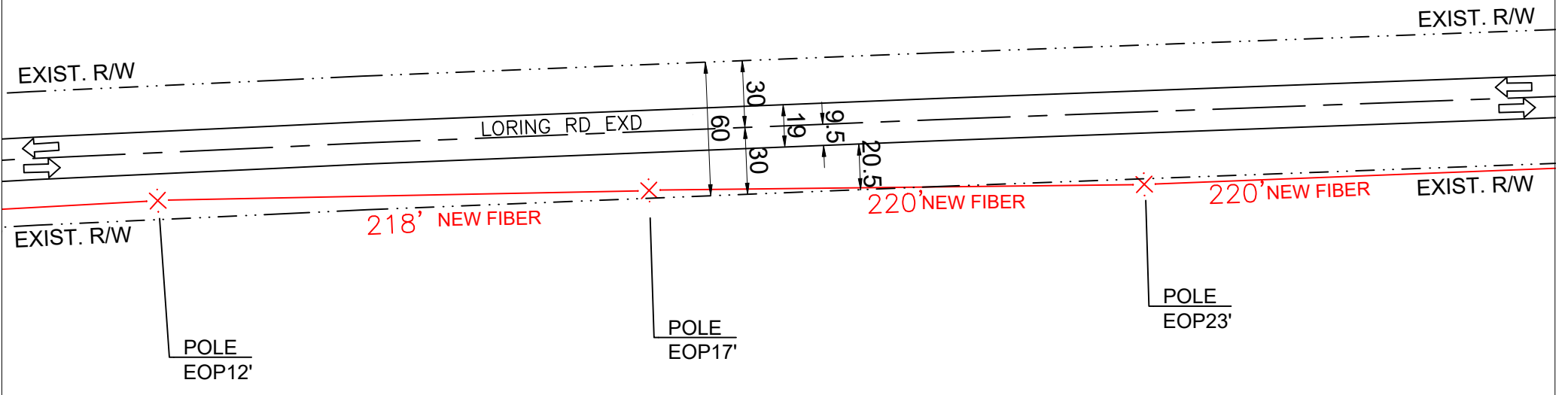
NO MATCH SHEET

PROPOSED COMCAST NEW ATTACHMENT  
 18' MINIMUM HEIGHT AT ALL POINTS  
 1 48CT FIBER CABLE

INSTALLATION LENGTH IN RW ON THIS SHEET 341 FT

MATCH SHEET 4

MATCH SHEET 6



NO MATCH SHEET

PREPARED BY:  	✕ ✕ ✕ ✕ EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN	- - - - - RIGHT OF WAY LINE IRRIGATION LINE WATER LANE GAS LANE PROPOSED ANCHOR PROPOSED RISER	- - - - - PROPOSED COAXIAL CABLE ——— PROPOSED FIBER CABLE ——— PROPOSED DIRECTIONAL BORE ——— EXISTING CABLE		ENGINEERED FOR:  	MADISON COUNTY  LORING RD EXD TRANSPORT FIBER
	LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY	NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED	NO SCALE		SHEET 5 OF 18	

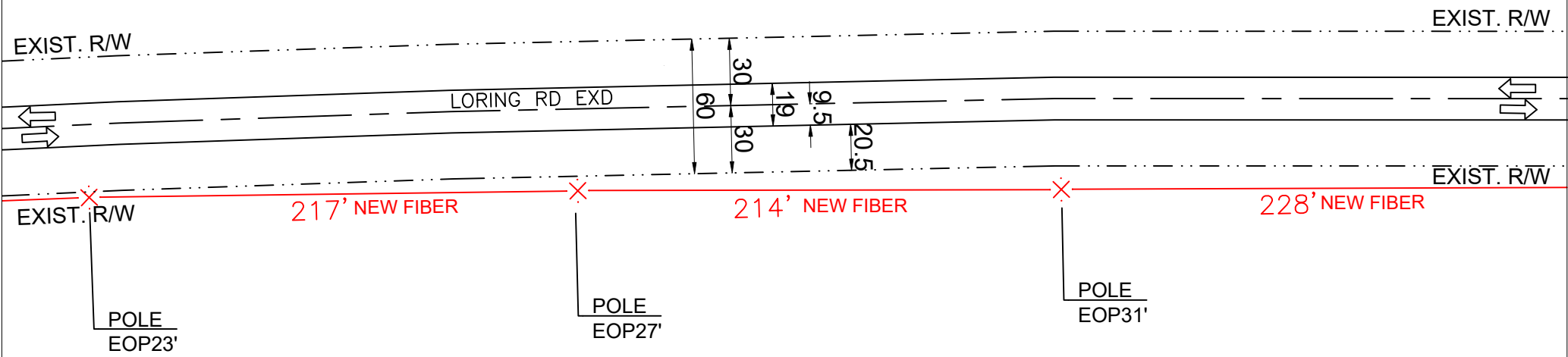
NO MATCH SHEET

PROPOSED COMCAST NEW ATTACHMENT  
 18' MINIMUM HEIGHT AT ALL POINTS  
 1 48CT FIBER CABLE

INSTALLATION LENGTH IN RW ON THIS SHEET 0 FT

MATCH SHEET 5

MATCH SHEET 7



NO MATCH SHEET

PREPARED BY:  	✕ ✕ ✕ ✕ EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN	- - - - - RIGHT OF WAY LINE IRRIGATION LINE WATER LANE GAS LANE PROPOSED ANCHOR PROPOSED RISER LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY	PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE		ENGINEERED FOR:  	MADISON COUNTY  LORING RD EXD  TRANSPORT FIBER
	NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED	NO SCALE	SHEET 6 OF 18			

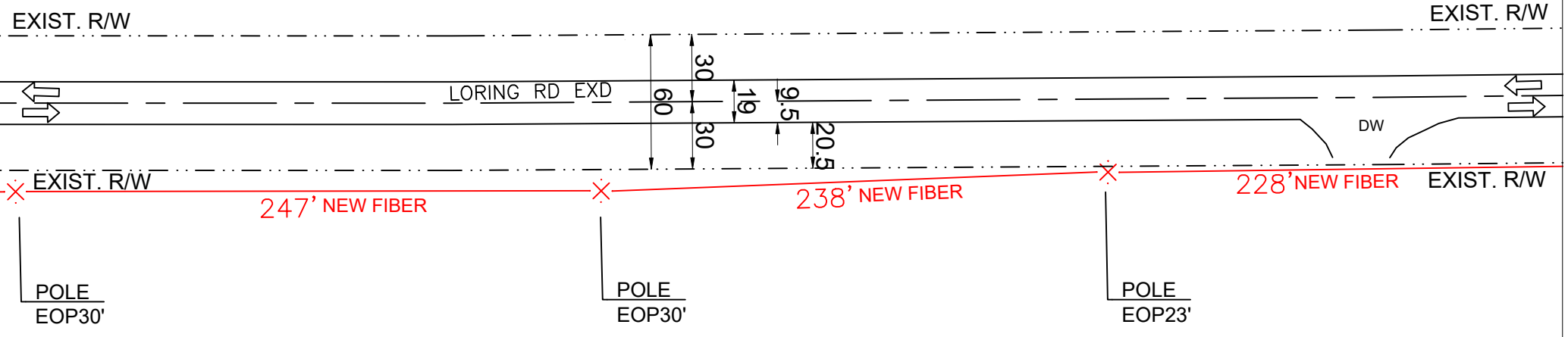
NO MATCH SHEET

PROPOSED COMCAST NEW ATTACHMENT  
 18' MINIMUM HEIGHT AT ALL POINTS  
 1 48CT FIBER CABLE

INSTALLATION LENGTH IN RW ON THIS SHEET 0 FT

MATCH SHEET 6

MATCH SHEET 8

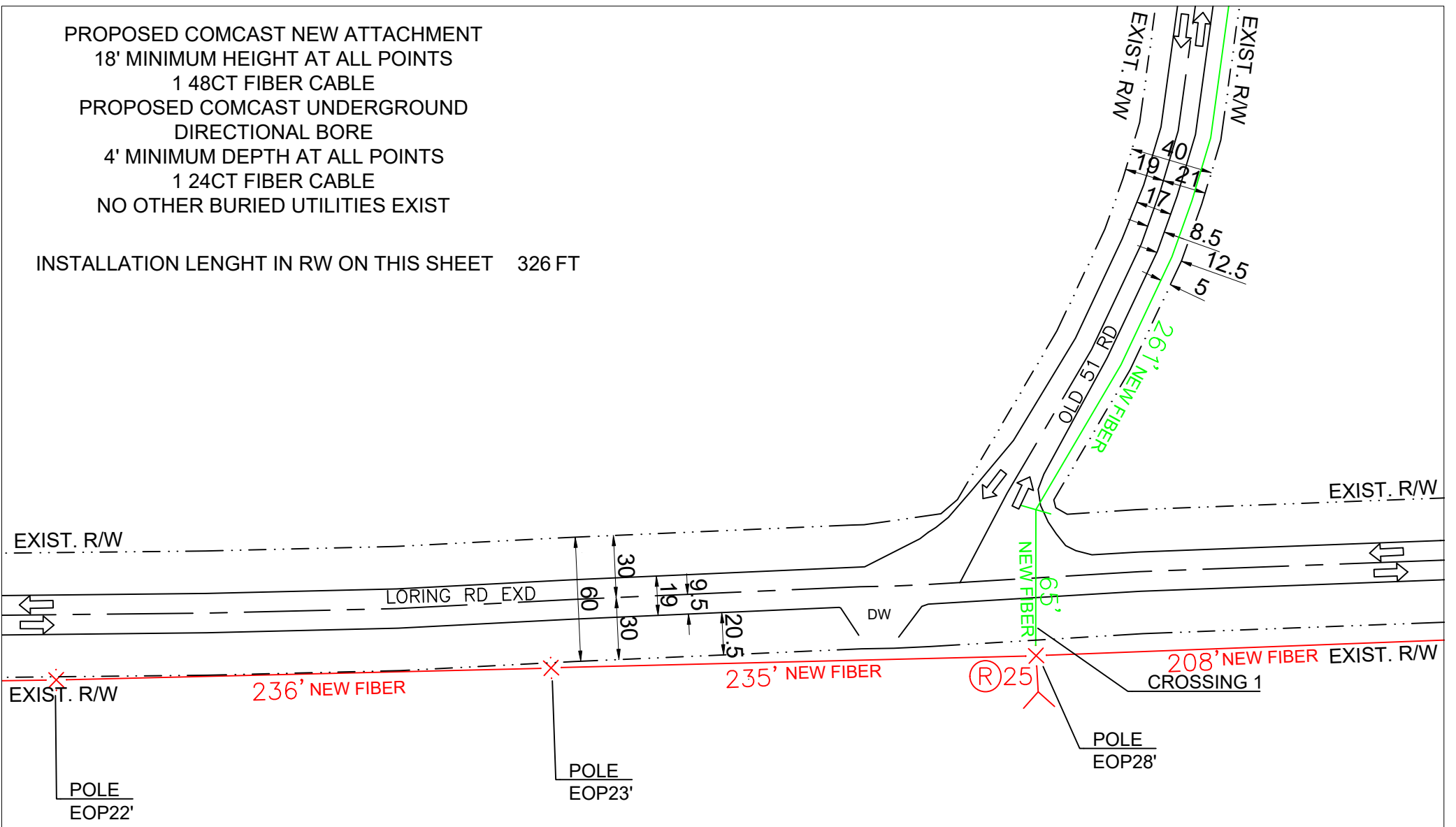


NO MATCH SHEET

PREPARED BY:  	✕ ✕ ✕ ✕ EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN	- - - - - RIGHT OF WAY LINE IRRIGATION LINE WATER LANE GAS LANE PROPOSED ANCHOR PROPOSED RISER	- - - - - PROPOSED COAXIAL CABLE ——— PROPOSED FIBER CABLE ——— PROPOSED DIRECTIONAL BORE ——— EXISTING CABLE		ENGINEERED FOR:  	MADISON COUNTY  LORING RD EXD  TRANSPORT FIBER
	LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY	NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED	NO SCALE		SHEET 7 OF 18	

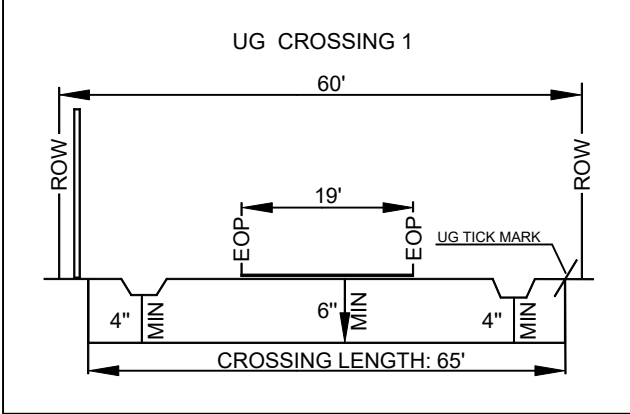
PROPOSED COMCAST NEW ATTACHMENT  
 18' MINIMUM HEIGHT AT ALL POINTS  
 1 48CT FIBER CABLE  
 PROPOSED COMCAST UNDERGROUND  
 DIRECTIONAL BORE  
 4' MINIMUM DEPTH AT ALL POINTS  
 1 24CT FIBER CABLE  
 NO OTHER BURIED UTILITIES EXIST

INSTALLATION LENGTH IN RW ON THIS SHEET 326 FT



MATCH SHEET 7

MATCH SHEET 17



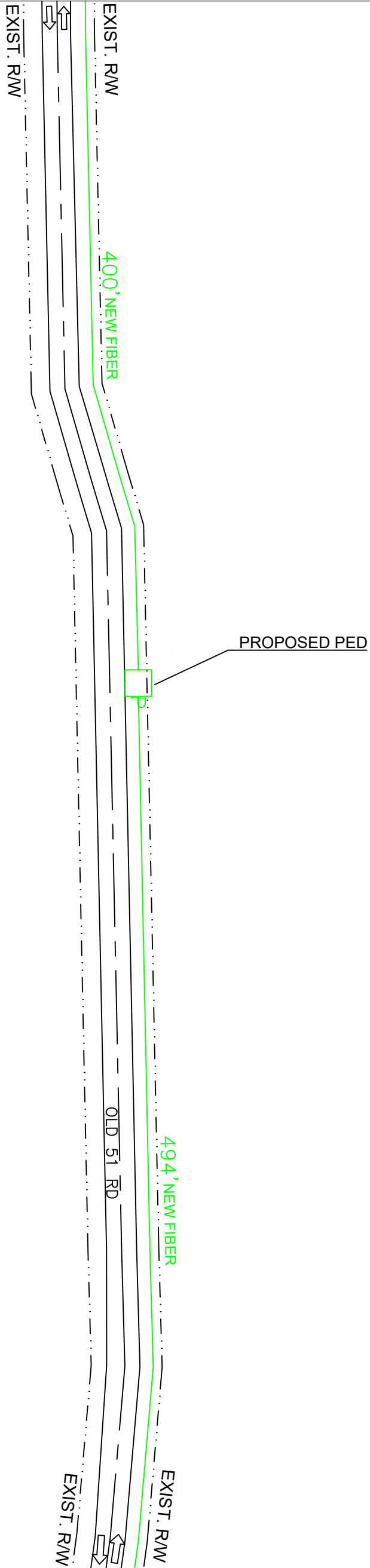
NO MATCH SHEET

PREPARED BY:  	✕ ✕ ✕ ✕ EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN	- - - - - RIGHT OF WAY LINE ——— IRRIGATION LINE ——— WATER LANE ——— GAS LANE PROPOSED ANCHOR PROPOSED RISER	- - - - - PROPOSED COAXIAL CABLE ——— PROPOSED FIBER CABLE ——— PROPOSED DIRECTIONAL BORE ——— EXISTING CABLE		ENGINEERED FOR:  	MADISON COUNTY  LORING RD EXD OLD 51 RD  TRANSPORT FIBER
	LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY	NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED	NO SCALE		SHEET 8 OF 18	

# MATCH SHEET 10

PROPOSED COMCAST UNDERGROUND  
DIRECTIONAL BORE  
4' MINIMUM DEPTH AT ALL POINTS  
1 24CT FIBER CABLE  
NO OTHER BURIED UTILITIES EXIST

INSTALLATION LENGTH IN RW ON THIS SHEET 894 FT



NO MATCH SHEET

NO MATCH SHEET

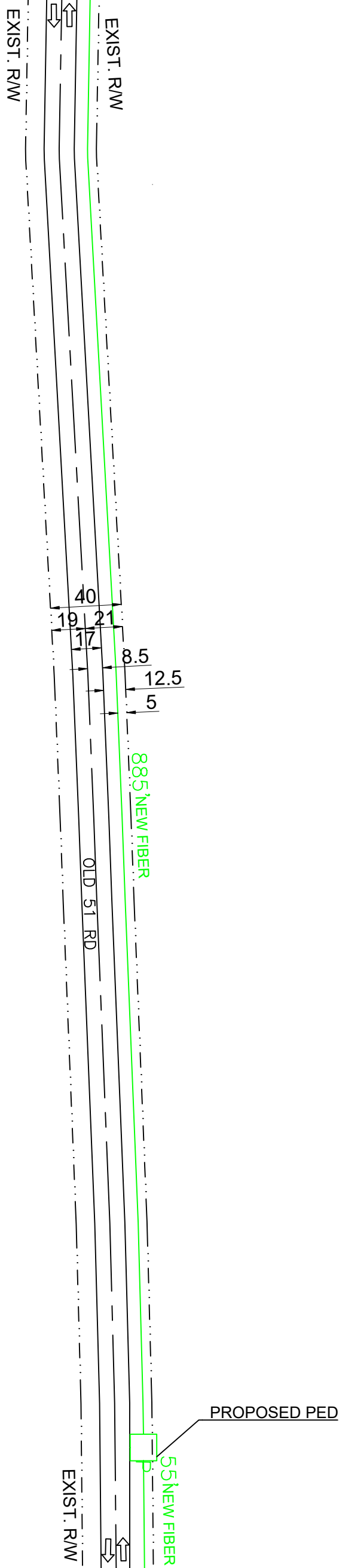
# MATCH SHEET 8

PREPARED BY:  	EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN	RIGHT OF WAY LINE IRRIGATION LINE WATER LANE GAS LANE PROPOSED ANCHOR PROPOSED RISER	PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE		ENGINEERED FOR:  	MADISON COUNTY  OLD 51 RD  TRANSPORT FIBER
	LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY	NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED	NO SCALE		SHEET 9 OF 18	

# MATCH SHEET 11

PROPOSED COMCAST UNDERGROUND  
DIRECTIONAL BORE  
4' MINIMUM DEPTH AT ALL POINTS  
1 24CT FIBER CABLE  
NO OTHER BURIED UTILITIES EXIST

INSTALLATION LENGTH IN RW ON THIS SHEET 940 FT



NO MATCH SHEET

NO MATCH SHEET

# MATCH SHEET 9

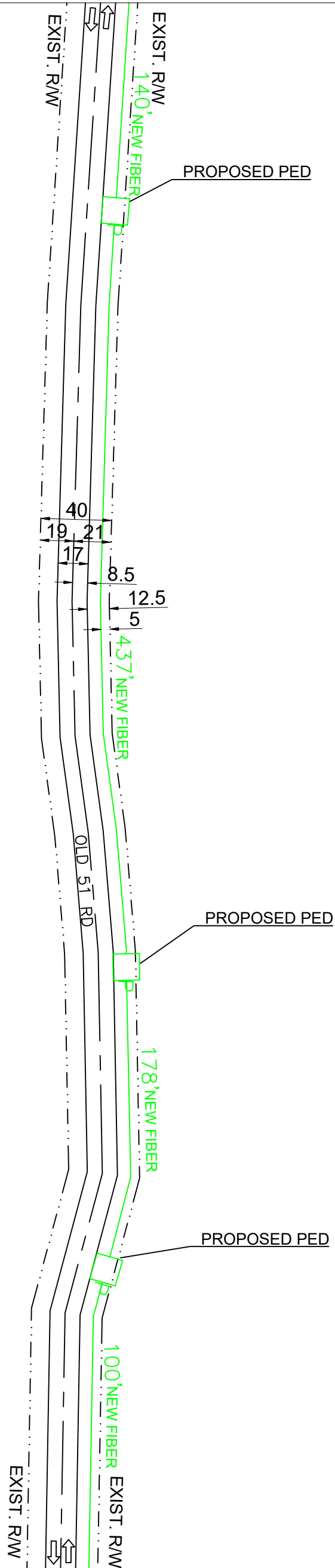
PREPARED BY:  	EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN	RIGHT OF WAY LINE IRRIGATION LINE WATER LANE GAS LANE PROPOSED ANCHOR PROPOSED RISER  <b>LEGEND:</b> RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY	PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE		ENGINEERED FOR:  	MADISON COUNTY  OLD 51 RD  TRANSPORT FIBER
	NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED		NO SCALE	SHEET 10 OF 18		



# MATCH SHEET 12

PROPOSED COMCAST UNDERGROUND  
DIRECTIONAL BORE  
4' MINIMUM DEPTH AT ALL POINTS  
1 24CT FIBER CABLE  
NO OTHER BURIED UTILITIES EXIST

INSTALLATION LENGTH IN RW ON THIS SHEET 855 FT



NO MATCH SHEET

NO MATCH SHEET

# MATCH SHEET 10

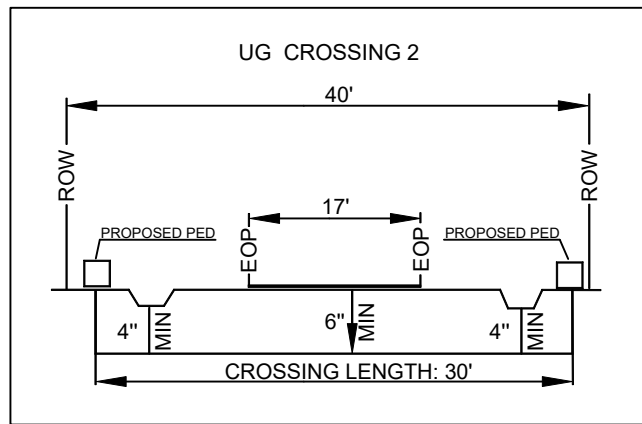
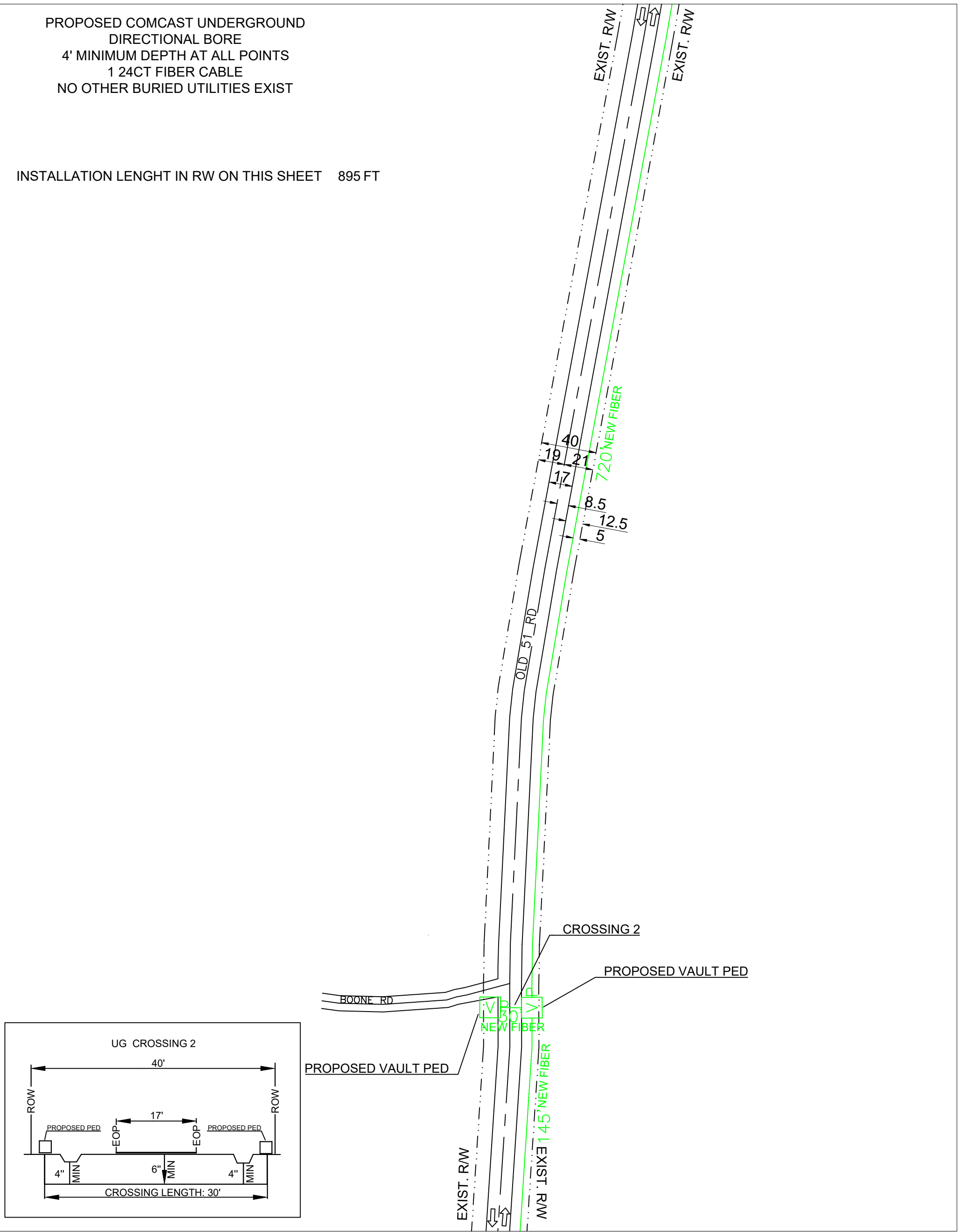
PREPARED BY:  	EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN	RIGHT OF WAY LINE IRRIGATION LINE WATER LANE GAS LANE PROPOSED ANCHOR PROPOSED RISER	PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE		ENGINEERED FOR:  	MADISON COUNTY  OLD 51 RD  TRANSPORT FIBER
	LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY	NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED	NO SCALE		SHEET 11 OF 18	

PROPOSED COMCAST UNDERGROUND  
DIRECTIONAL BORE  
4' MINIMUM DEPTH AT ALL POINTS  
1 24CT FIBER CABLE  
NO OTHER BURIED UTILITIES EXIST

INSTALLATION LENGTH IN RW ON THIS SHEET 895 FT

NO MATCH SHEET

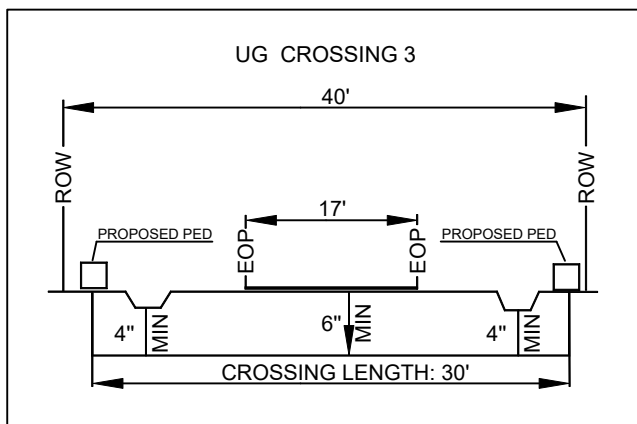
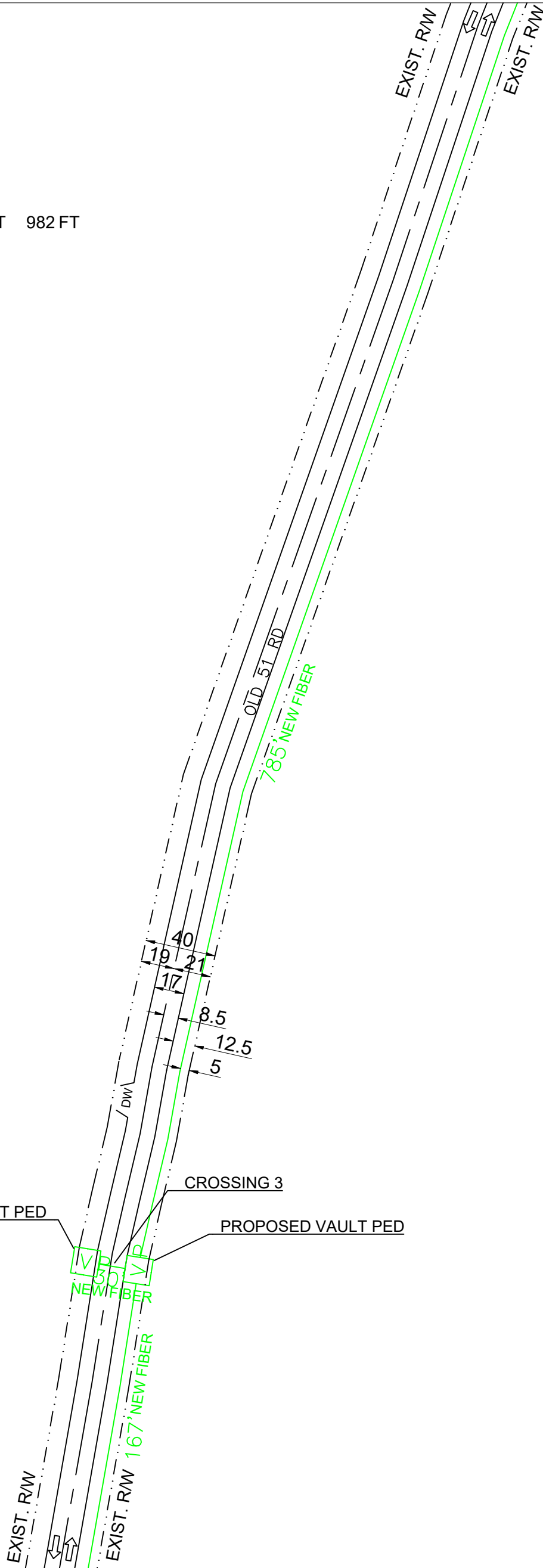
NO MATCH SHEET



<p>PREPARED BY:</p>	<p>EXISTING POLE</p> <p>PROPOSED PEDESTAL</p> <p>PROPOSED VAULT</p> <p>WATER VALVE</p> <p>FIBER MARKER</p> <p>GAS MARKER</p> <p>MANHOLE</p> <p>SEWER MANHOLE</p> <p>STORM DRAIN</p>	<p>RIGHT OF WAY LINE</p> <p>IRRIGATION LINE</p> <p>WATER LANE</p> <p>GAS LANE</p> <p>PROPOSED ANCHOR</p> <p>PROPOSED RISER</p>	<p>PROPOSED COAXIAL CABLE</p> <p>PROPOSED FIBER CABLE</p> <p>PROPOSED DIRECTIONAL BORE</p> <p>EXISTING CABLE</p>		<p>ENGINEERED FOR:</p>	<p>MADISON COUNTY</p> <p>OLD 51 RD</p> <p>TRANSPORT FIBER</p>
	<p>LEGEND:</p> <p>RW - RIGHT OF WAY</p> <p>EOP - EDGE OF PAVEMENT</p> <p>DW - DRIVEWAY</p> <p>PDW - PAVED DRIVEWAY</p>	<p>NOTES:</p> <p>BORE HOLE TO BE FILLED SAME DAY</p> <p>VAULT HOLE TO BE FILLED SAME DAY</p> <p>ALL HOLE TO BE TAMPED AND SODDED</p>	<p>NO SCALE</p> <p>SHEET 12 OF 18</p>			

PROPOSED COMCAST UNDERGROUND  
DIRECTIONAL BORE  
4' MINIMUM DEPTH AT ALL POINTS  
1 24CT FIBER CABLE  
NO OTHER BURIED UTILITIES EXIST

INSTALLATION LENGTH IN RW ON THIS SHEET 982 FT



MATCH SHEET 12

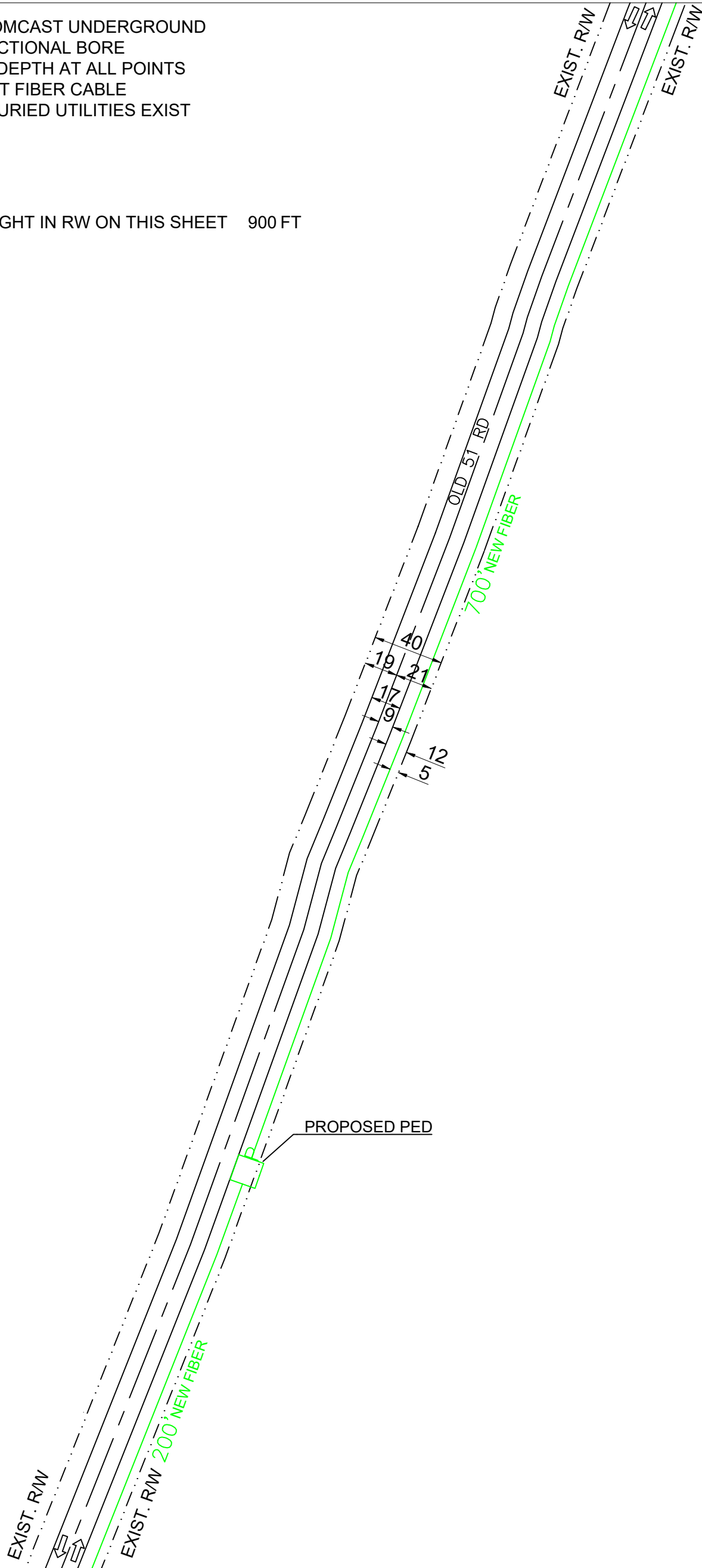
NO MATCH SHEET

NO MATCH SHEET

<p>PREPARED BY:</p>	<ul style="list-style-type: none"> <li>⊗ EXISTING POLE</li> <li>□ PROPOSED PEDESTAL</li> <li>▣ PROPOSED VAULT</li> <li>⊕ WATER VALVE</li> <li>⊖ FIBER MARKER</li> <li>⊙ GAS MARKER</li> <li>⊙ MANHOLE</li> <li>⊙ SEWER MANHOLE</li> <li>⊙ STORM DRAIN</li> </ul>	<ul style="list-style-type: none"> <li>--- RIGHT OF WAY LINE</li> <li>--- IRRIGATION LINE</li> <li>--- WATER LANE</li> <li>--- GAS LANE</li> <li>⊙ PROPOSED ANCHOR</li> <li>⊙ PROPOSED RISER</li> </ul> <p>LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY</p>	<ul style="list-style-type: none"> <li>--- PROPOSED COAXIAL CABLE</li> <li>--- PROPOSED FIBER CABLE</li> <li>--- PROPOSED DIRECTIONAL BORE</li> <li>--- EXISTING CABLE</li> </ul> <p>NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED</p>		<p>ENGINEERED FOR:</p>	<p>MADISON COUNTY OLD 51 RD TRANSPORT FIBER</p> <p>NO SCALE   SHEET 13 OF 18</p>
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PROPOSED COMCAST UNDERGROUND  
 DIRECTIONAL BORE  
 4' MINIMUM DEPTH AT ALL POINTS  
 1 24CT FIBER CABLE  
 NO OTHER BURIED UTILITIES EXIST

INSTALLATION LENGTH IN RW ON THIS SHEET 900 FT



NO MATCH SHEET

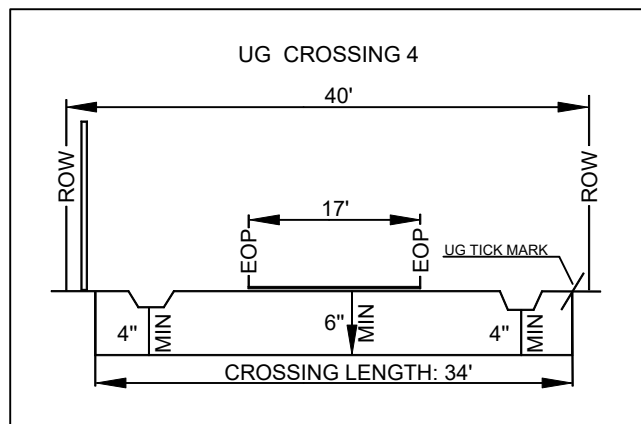
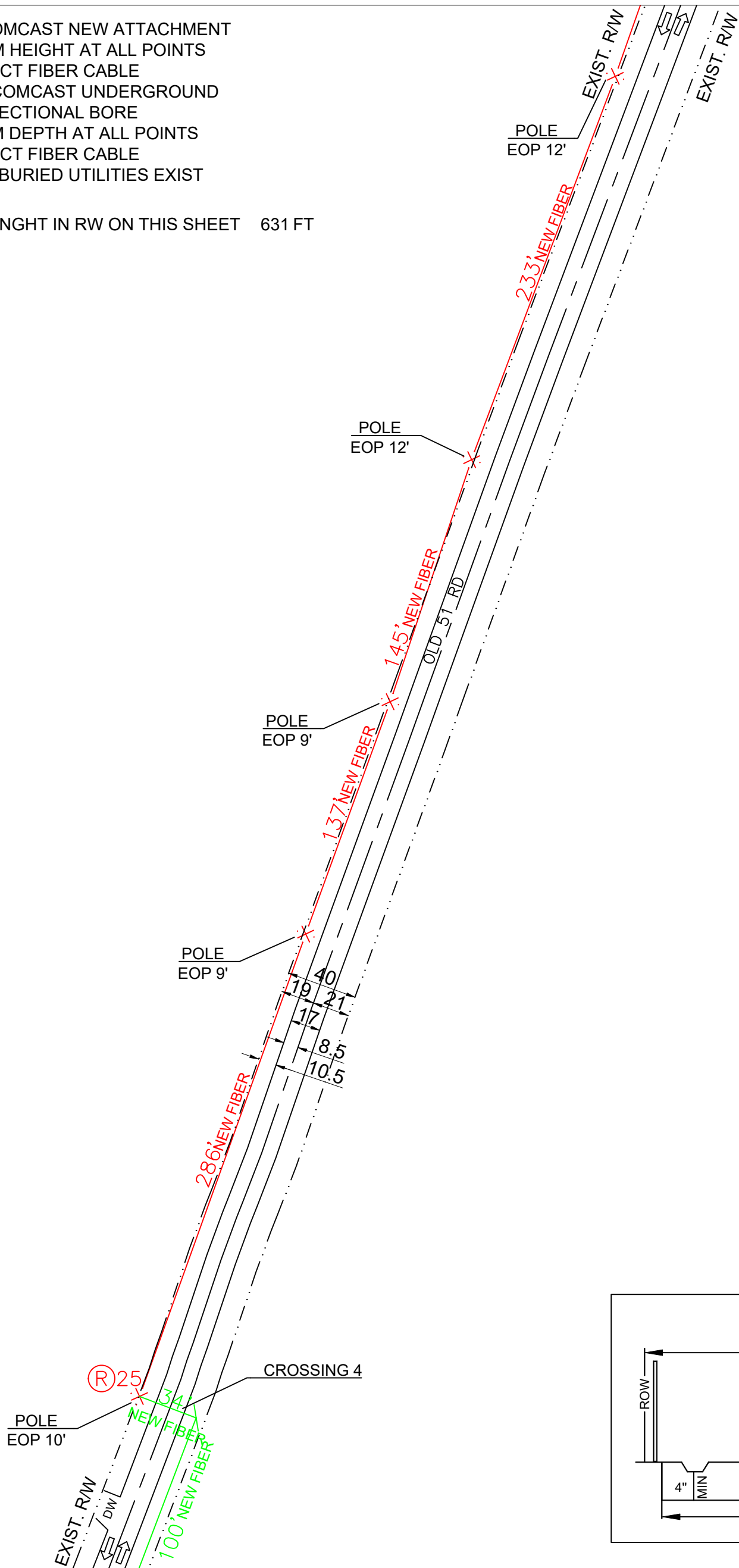
NO MATCH SHEET

PREPARED BY:  	✕ EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN	--- RIGHT OF WAY LINE --- IRRIGATION LINE --- WATER LANE --- GAS LANE PROPOSED ANCHOR PROPOSED RISER  LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY	--- PROPOSED COAXIAL CABLE --- PROPOSED FIBER CABLE --- PROPOSED DIRECTIONAL BORE --- EXISTING CABLE		ENGINEERED FOR:  	MADISON COUNTY  OLD 51 RD  TRANSPORT FIBER
	NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED	NO SCALE	SHEET 14 OF 18			


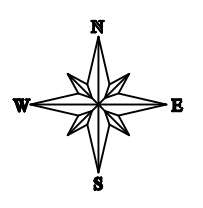

# MATCH SHEET 16

PROPOSED COMCAST NEW ATTACHMENT  
 18' MINIMUM HEIGHT AT ALL POINTS  
 1 24CT FIBER CABLE  
 PROPOSED COMCAST UNDERGROUND  
 DIRECTIONAL BORE  
 4' MINIMUM DEPTH AT ALL POINTS  
 1 24CT FIBER CABLE  
 NO OTHER BURIED UTILITIES EXIST

INSTALLATION LENGTH IN RW ON THIS SHEET 631 FT



# MATCH SHEET 14

<p>PREPARED BY:</p> 	<p> <span style="color:red">✕</span> EXISTING POLE  <span style="color:green">□</span> PROPOSED PEDESTAL  <span style="color:green">▽</span> PROPOSED VAULT  <span style="color:green">W</span> WATER VALVE  <span style="color:green">F</span> FIBER MARKER  <span style="color:green">C</span> GAS MARKER  <span style="color:green">MH</span> MANHOLE  <span style="color:green">SM</span> SEWER MANHOLE  <span style="color:green">SD</span> STORM DRAIN    <span style="color:red">---</span> RIGHT OF WAY LINE  <span style="color:blue">---</span> IRRIGATION LINE  <span style="color:blue">---</span> WATER LANE  <span style="color:blue">---</span> GAS LANE  <span style="color:red">---</span> PROPOSED ANCHOR  <span style="color:red">R25</span> PROPOSED RISER    <b>LEGEND:</b>                  RW - RIGHT OF WAY                  EOP - EDGE OF PAVEMENT                  DW - DRIVEWAY                  PDW - PAVED DRIVEWAY             </p>	<p> <span style="color:red">---</span> PROPOSED COAXIAL CABLE  <span style="color:red">---</span> PROPOSED FIBER CABLE  <span style="color:green">---</span> PROPOSED DIRECTIONAL BORE  <span style="color:black">---</span> EXISTING CABLE             </p> <p> <b>NOTES:</b>                  BORE HOLE TO BE FILLED SAME DAY                  VAULT HOLE TO BE FILLED SAME DAY                  ALL HOLE TO BE TAMPED AND SODDED             </p>		<p>ENGINEERED FOR:</p> 	<p>MADISON COUNTY                  OLD 51 RD                  TRANSPORT FIBER</p> <p>NO SCALE   SHEET 15 OF 18</p>
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NO MATCH SHEET

NO MATCH SHEET

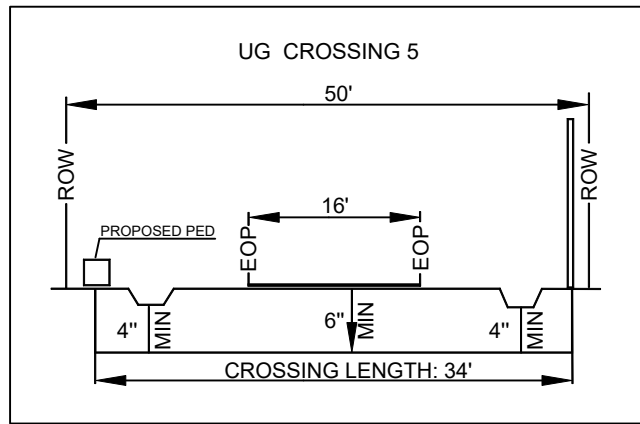
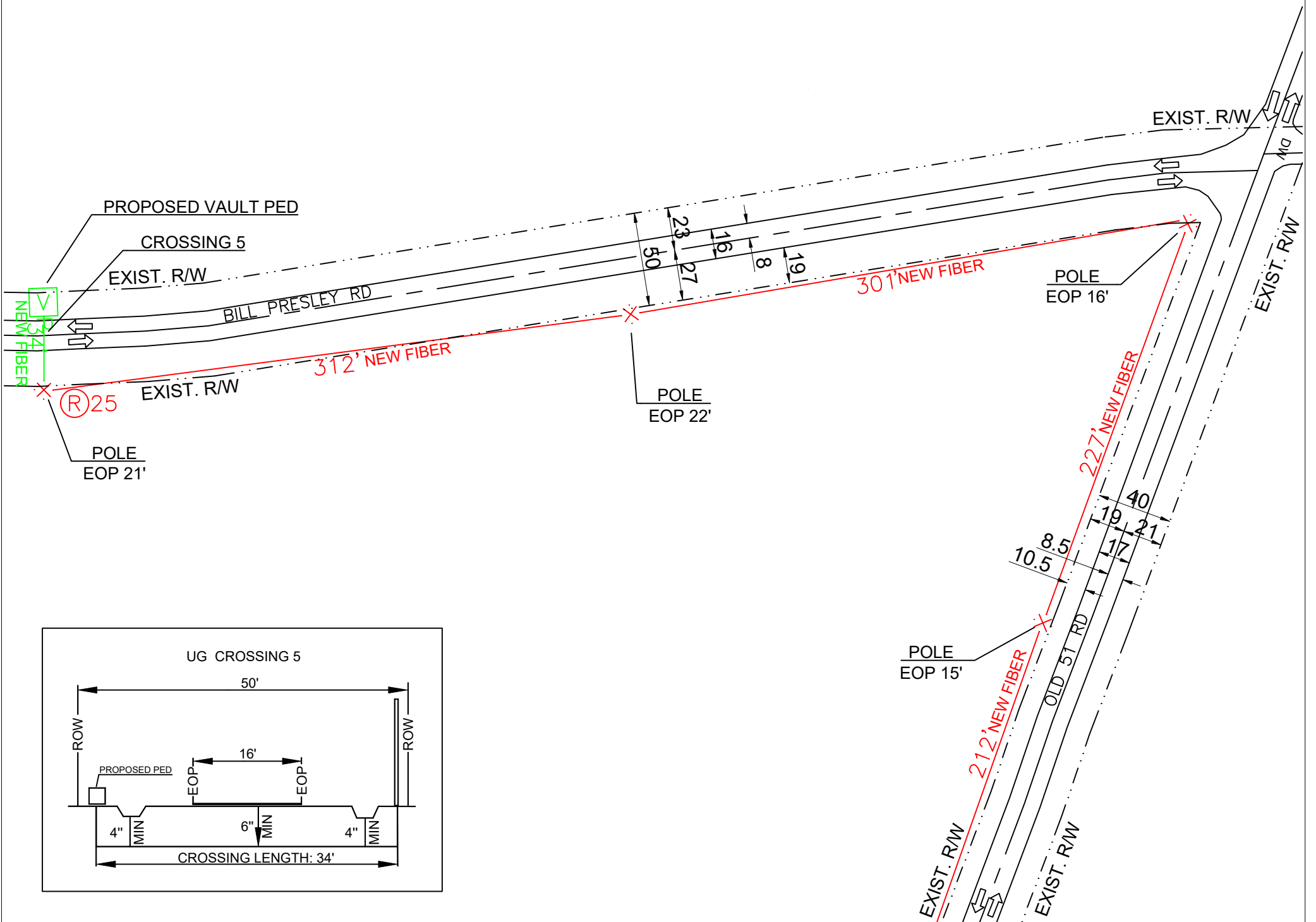
# NO MATCH SHEET

**PROPOSED COMCAST NEW ATTACHMENT**  
 18' MINIMUM HEIGHT AT ALL POINTS  
 1 24CT FIBER CABLE  
**PROPOSED COMCAST UNDERGROUND**  
 DIRECTIONAL BORE  
 4' MINIMUM DEPTH AT ALL POINTS  
 1 24CT FIBER CABLE  
 NO OTHER BURIED UTILITIES EXIST

INSTALLATION LENGTH IN RW ON THIS SHEET 235 FT

NO MATCH SHEET

NO MATCH SHEET



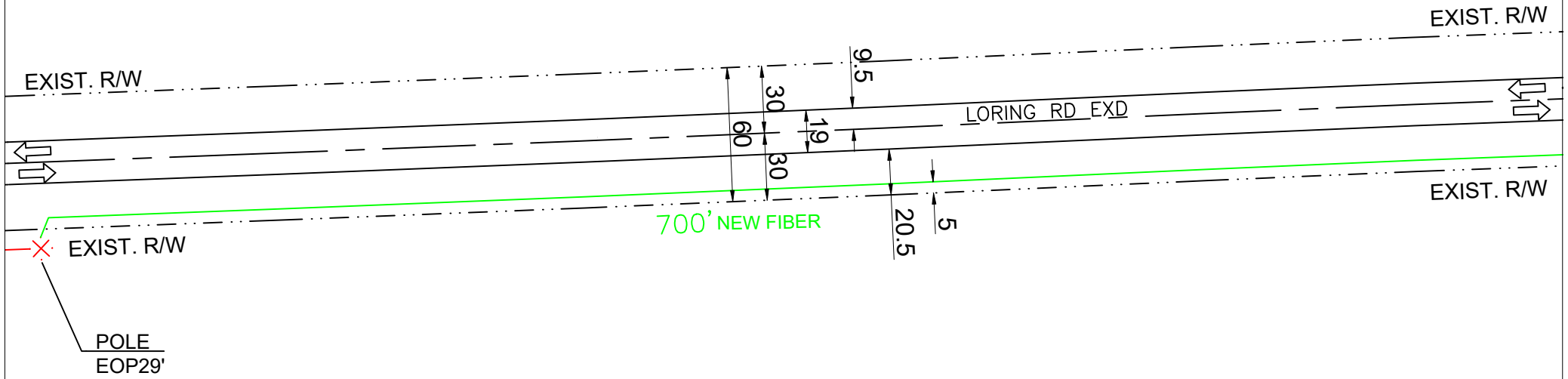
MATCH SHEET 15

PREPARED BY:  	<ul style="list-style-type: none"> <li><span style="color: red;">✕</span> EXISTING POLE</li> <li><span style="color: green;">□</span> PROPOSED PEDESTAL</li> <li><span style="color: green;">▭</span> PROPOSED VAULT</li> <li><span style="color: green;">⊕</span> WATER VALVE</li> <li><span style="color: green;">⊙</span> FIBER MARKER</li> <li><span style="color: green;">⊙</span> GAS MARKER</li> <li><span style="color: green;">⊙</span> MANHOLE</li> <li><span style="color: green;">⊙</span> SEWER MANHOLE</li> <li><span style="color: green;">⊙</span> STORM DRAIN</li> </ul>	<ul style="list-style-type: none"> <li>--- RIGHT OF WAY LINE</li> <li>--- IRRIGATION LINE</li> <li>--- WATER LANE</li> <li>--- GAS LANE</li> <li>--- PROPOSED ANCHOR</li> <li>--- PROPOSED RISER</li> </ul>	<ul style="list-style-type: none"> <li>--- PROPOSED COAXIAL CABLE</li> <li>--- PROPOSED FIBER CABLE</li> <li>--- PROPOSED DIRECTIONAL BORE</li> <li>--- EXISTING CABLE</li> </ul>		ENGINEERED FOR:  	MADISON COUNTY  OLD 51 RD BILL PRESLEY RD TRANSPORT FIBER	
		<b>LEGEND:</b> RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY	<b>NOTES:</b> BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED				NO SCALE      SHEET 16 OF 18

# MATCH SHEET 16

PROPOSED COMCAST UNDERGROUND  
DIRECTIONAL BORE  
4' MINIMUM DEPTH AT ALL POINTS  
1 48CT FIBER CABLE  
NO OTHER BURIED UTILITIES EXIST

INSTALLATION LENGTH IN RW ON THIS SHEET 700 FT



MATCH SHEET 8

MATCH SHEET 18

## NO MATCH SHEET

<p>PREPARED BY:</p>	<p> <span style="color: red;">✕</span> EXISTING POLE  <span style="color: green;">□</span> PROPOSED PEDESTAL  <span style="color: green;">▣</span> PROPOSED VAULT  <span style="color: green;">W</span> WATER VALVE  <span style="color: green;">F</span> FIBER MARKER  <span style="color: green;">C</span> GAS MARKER  <span style="color: green;">MH</span> MANHOLE  <span style="color: green;">SM</span> SEWER MANHOLE  <span style="color: green;">SD</span> STORM DRAIN                 </p>	<p>                 RIGHT OF WAY LINE                  IRRIGATION LINE                  WATER LANE                  GAS LANE                  PROPOSED ANCHOR                  PROPOSED RISER             </p>	<p>                 PROPOSED COAXIAL CABLE                  PROPOSED FIBER CABLE                  PROPOSED DIRECTIONAL BORE                  EXISTING CABLE             </p>		<p>ENGINEERED FOR:</p> <p style="text-align: center;"></p>	<p>MADISON COUNTY</p> <p>LORING RD EXD</p> <p>TRANSPORT FIBER</p>
	<p>                 LEGEND:                  RW - RIGHT OF WAY                  EOP - EDGE OF PAVEMENT                  DW - DRIVEWAY                  PDW - PAVED DRIVEWAY             </p>	<p>                 NOTES:                  BORE HOLE TO BE FILLED SAME DAY                  VAULT HOLE TO BE FILLED SAME DAY                  ALL HOLE TO BE TAMPED AND SODDED             </p>				<p>NO SCALE</p> <p style="text-align: right;">SHEET 17 OF 18</p>

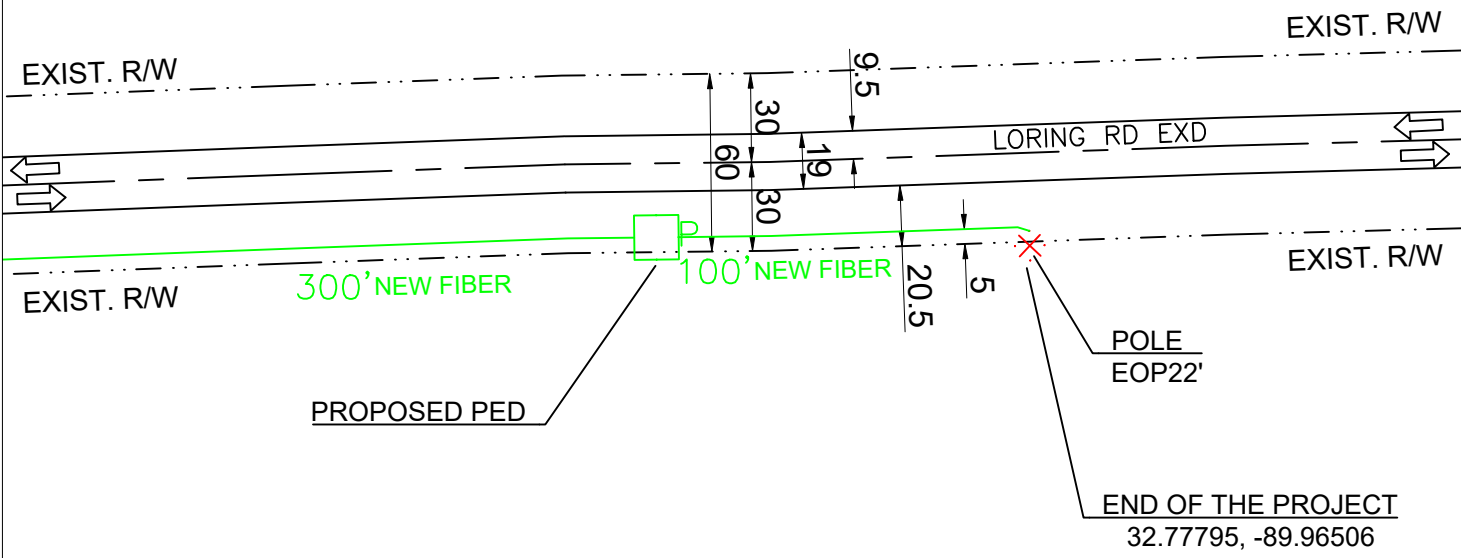
NO MATCH SHEET

PROPOSED COMCAST UNDERGROUND  
DIRECTIONAL BORE  
4' MINIMUM DEPTH AT ALL POINTS  
1 48CT FIBER CABLE  
NO OTHER BURIED UTILITIES EXIST

INSTALLATION LENGHT IN RW ON THIS SHEET 400 FT


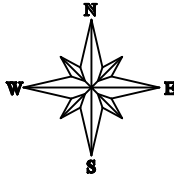

TOTAL INSTALLATION LENGHT 10096 FT  
AERIAL: 2051 FT  
UG: 8045 FT  
START 32.77799, -89.98644  
END 32.77795, -89.96506

MATCH SHEET 17



NO MATCH SHEET

NO MATCH SHEET

<p>PREPARED BY:</p> 	<p>EXISTING POLE</p> <p>PROPOSED PEDESTAL</p> <p>PROPOSED VAULT</p> <p>WATER VALVE</p> <p>FIBER MARKER</p> <p>GAS MARKER</p> <p>MANHOLE</p> <p>SEWER MANHOLE</p> <p>STORM DRAIN</p>	<p>RIGHT OF WAY LINE</p> <p>IRRIGATION LINE</p> <p>WATER LANE</p> <p>GAS LANE</p> <p>PROPOSED ANCHOR</p> <p>PROPOSED RISER</p>	<p>PROPOSED COAXIAL CABLE</p> <p>PROPOSED FIBER CABLE</p> <p>PROPOSED DIRECTIONAL BORE</p> <p>EXISTING CABLE</p>		<p>ENGINEERED FOR:</p> <p>MADISON COUNTY</p> <p>LORING RD EXD</p> <p>TRANSPORT FIBER</p>
	<p>LEGEND:</p> <p>RW - RIGHT OF WAY</p> <p>EOP - EDGE OF PAVEMENT</p> <p>DW - DRIVEWAY</p> <p>PDW - PAVED DRIVEWAY</p>	<p>NOTES:</p> <p>BORE HOLE TO BE FILLED SAME DAY</p> <p>VAULT HOLE TO BE FILLED SAME DAY</p> <p>ALL HOLE TO BE TAMPED AND SODDED</p>			<p>NO SCALE</p> <p>SHEET 18 OF 18</p>