

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

June 22, 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, Lone Road, Pinegrove Road, Dixon Road, Barnes Road, and more

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.

- Lone Pine Road
- Pinegrove Road
- Dixon Road
- Barnes Road
- Old Natchez Trace
- And Rock Road

Revised: 2/14/2019



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: Lone Pine Rd, Pinegrove Rd, Dixon Dr, Barnes Rd, Northern Pine Dr, Old Nathez Trce, Southern Pine Dr, Rock Rd, Brook Ridge Ln _____

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

Beginning Location: 32.571180, -89.928240 Ending Location: 32.576693, -89.888912

Length of Project: 28390FT 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: 28390FT

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 16 day of 06, 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.

* County Approval does not apply to Northern Pine Dr, Southern Pine Dr, + Brooke Ridge Ln.

AGREED TO AND APPROVED BY:

APPROVED
By: **By timothy.bryan at 12:35 pm, Jun 27, 2023**

Tim Bryan, P.E. BJ
County Engineer

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: Lone Pine Rd
Beginning Location: 32.574889, -89.903060 Ending Location: 32.574889, -89.903060
Length of Project: 2700FT Section: 34 Township: 3 Range: 69
Description of Work: BORE AND INSTALL 2" HDPE TO PULL NEW 24CT FIBER WITHIN THE LONE PINE RD RIGHT-OF-WAY.

County Road Name: Pinegrove Rd
Beginning Location: 32.571180, -89.928240 Ending Location: 32.571177, -89.914912
Length of Project: 3036FT Section: 34 Township: 3 Range: 69
Description of Work: ATTACH NEW 24CT AND 48CT FIBER TO EXISTING POLES, BORE AND INSTALL 2" HDPE TO PULL NEW 24CT AND 48CT FIBER WITHIN THE PINEGROVE RD RIGHT-OF WAY.

County Road Name: Dixon Dr
Beginning Location: 32.571236, -89.920736 Ending Location: 32.575864, -89.919667
Length of Project: 2180FT Section: 34 Township: 3 Range: 69
Description of Work: BORE AND INSTALL 2" HDPE TO PULL NEW 24CT FIBER WITHIN THE DIXON DR RIGHT-OF-WAY.

County Road Name: Barnes Rd
Beginning Location: 32.562860, -89.914974 Ending Location: 32.579211, -89.891673
Length of Project: 11019FT Section: 34 Township: 3 Range: 69
Description of Work: ATTACH NEW 48CT FIBER TO EXISTING POLES, BORE AND INSTALL 2" HDPE TO PULL NEW 24CT AND 48CT FIBER WITHIN THE BARNES RD RIGHT-OF WAY.

County Road Name: Northern Pine Dr X
Beginning Location: 32.569750, -89.914776 Ending Location: 32.569706, -89.909058
Length of Project: 1549FT Section: 34 Township: 3 Range: 69
Description of Work: ATTACH NEW 24CT AND 48CT FIBER TO EXISTING POLES, BORE AND INSTALL 2" HDPE TO PULL NEW 48CT FIBER WITHIN THE NORTHERN PINE DR RIGHT-OF WAY.

Appendix 2

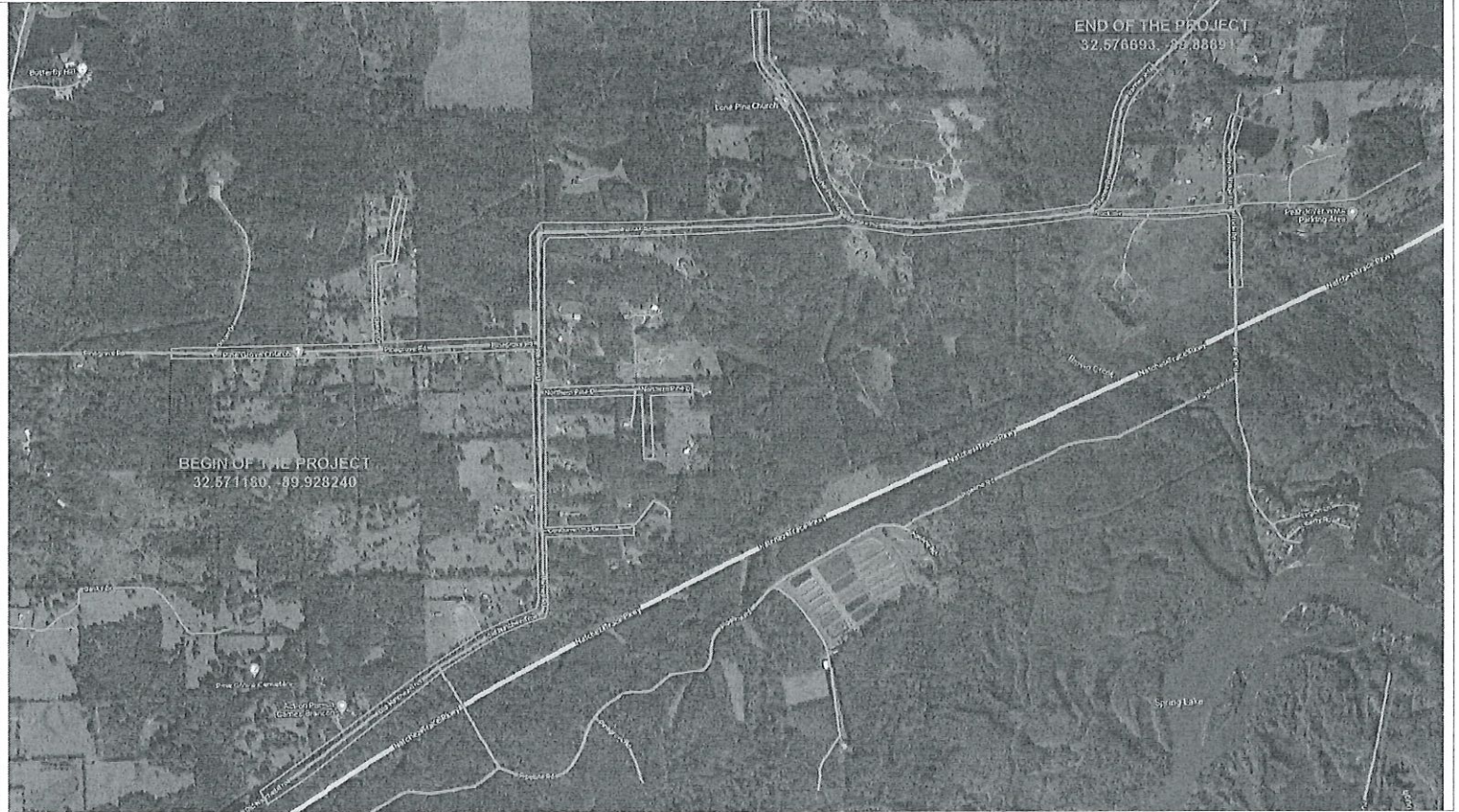
County Road Name: Old Natchez Trce
Beginning Location: 32.562860, -89.914974 Ending Location: 32.557215, -89.925377
Length of Project: 3902FT Section: 34 Township: 3 Range: 69
Description of Work: BORE AND INSTALL 2" HDPE TO PULL NEW 24CT FIBER WITHIN THE OLD NATCHEZ TRCE RIGHT-OF-WAY.

County Road Name: Southern Pine Dr ✕
Beginning Location: 32.565252, -89.914821 Ending Location: 32.565336, -89.911439
Length of Project: 1047FT 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 SOUTHERN PINE DR RIGHT-OF WAY.

County Road Name: Rock Rd
Beginning Location: 32.574776, -89.893860 Ending Location: 32.572394, -89.888933
Length of Project: 1889FT Section: 34 Township: 3 Range: 69
Description of Work: ATTACH NEW 24CT AND 48CT FIBER TO EXISTING POLES, BORE AND INSTALL 2" HDPE TO PULL NEW 24CT AND 48CT FIBER WITHIN THE ROCK RD RIGHT-OF WAY.

County Road Name: Brook Ridge Ln ✕
Beginning Location: 32.574772, -89.889027 Ending Location: 32.577564, -89.888677
Length of Project: 1068FT 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 BROOK RIDGE LN RIGHT-OF WAY.

County Road Name: _____
Beginning Location: _____ Ending Location: _____
Length of Project: _____ Section: 34 Township: 3 Range: 69
Description of Work: _____



PREPARED BY:

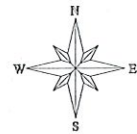
COMCAST IS ATTACHING FIBER TO EXISTING POLES, BORING AND INSTALLING
NEW CONDUIT WITHIN THE RIGHT-OF-WAY OWNED BY THE COUNTY

ENGINEERED FOR:



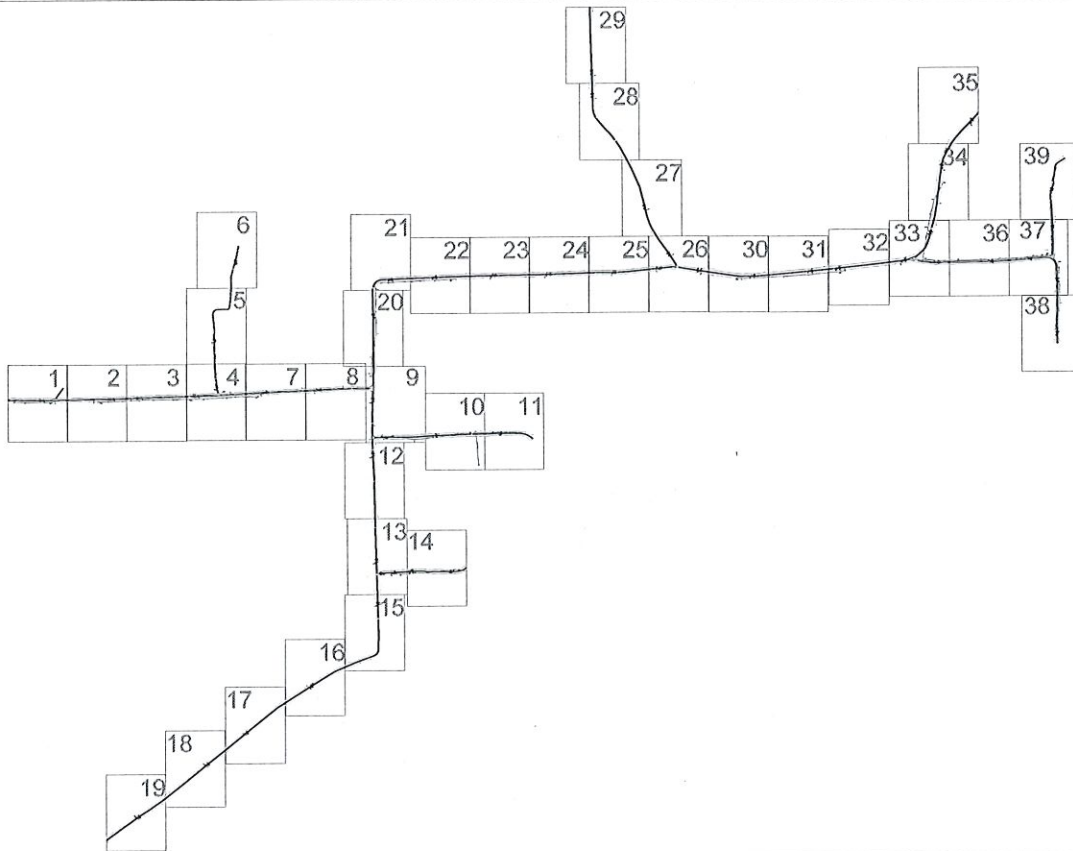
QUASAR, INC.

TOTAL: 28390ft



NO SCALE



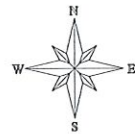


PREPARED BY:

COMCAST IS ATTACHING FIBER TO EXISTING POLES, BORING AND INSTALLING
 NEW CONDUIT WITHIN THE RIGHT-OF-WAY OWNED BY THE COUNTY
 TOTAL: 28390ft



QUASAR, INC.



ENGINEERED FOR:



COMCAST

NO SCALE

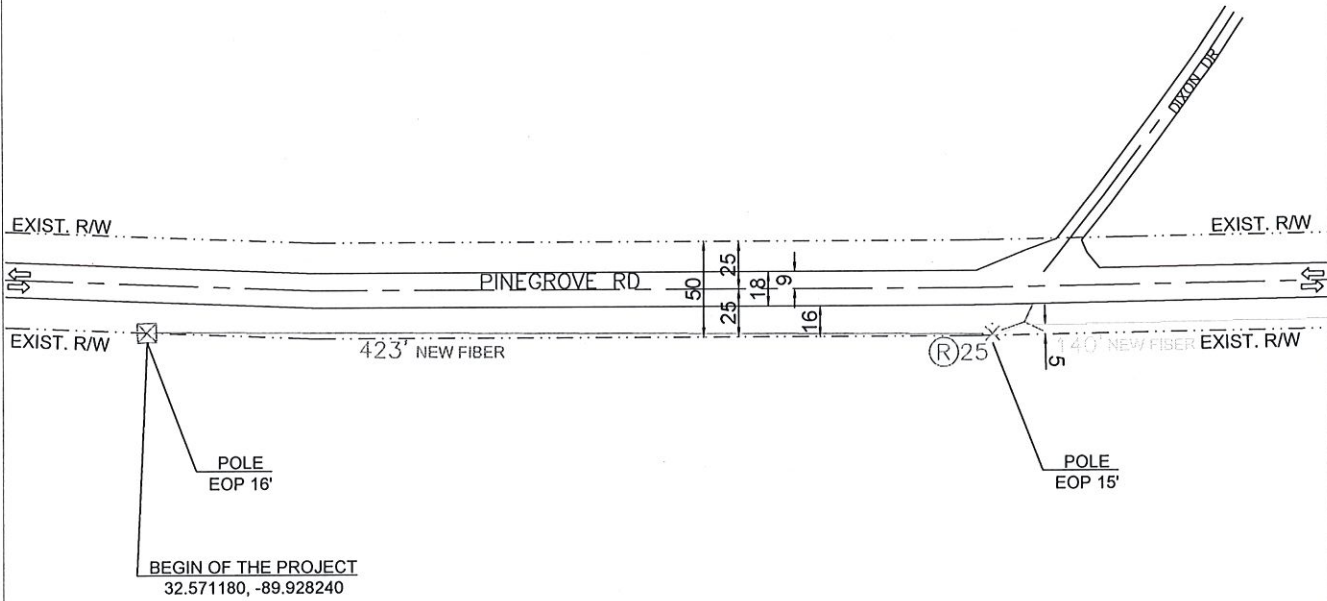
NO MATCH SHEET

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 LENGHT IN RW ON THIS SHEET 563 FT

NO MATCH SHEET

MATCH SHEET 2



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 PINEGROVE RD, DIXON DR 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 SOODED	NO SCALE SHEET 1 OF 39			

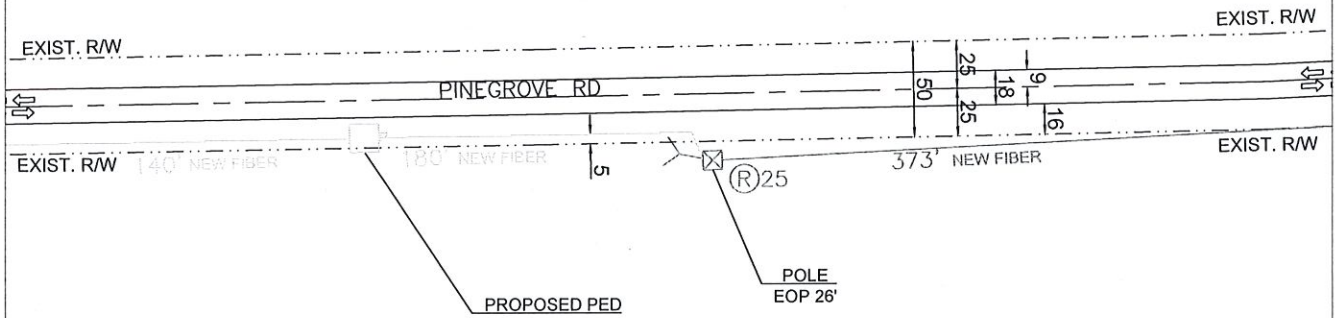
NO MATCH SHEET

PROPOSED COMCAST NEW ATTACHMENT
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 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 305 FT

MATCH SHEET 1

MATCH SHEET 3



NO MATCH SHEET

PREPARED BY: 	EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MAINHOLE 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 PINEGROVE 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 SOCCDED			NO SCALE SHEET 2 OF 39

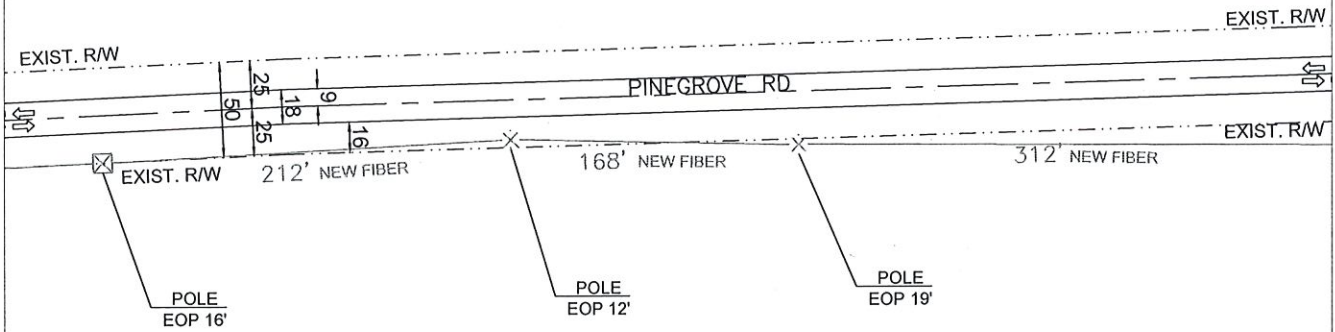
NO MATCH SHEET

PROPOSED COMCAST NEW ATTACHMENT
 18' MINIMUM HEIGHT AT ALL POINTS
 1 24CT FIBER CABLE

INSTALLATION LENGTH IN RW ON THIS SHEET 302 FT

MATCH SHEET 2

MATCH SHEET 4



NO MATCH SHEET

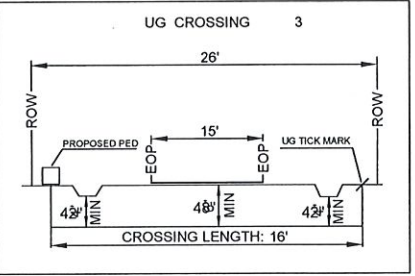
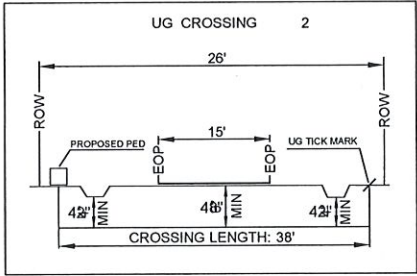
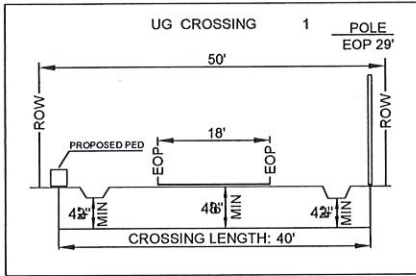
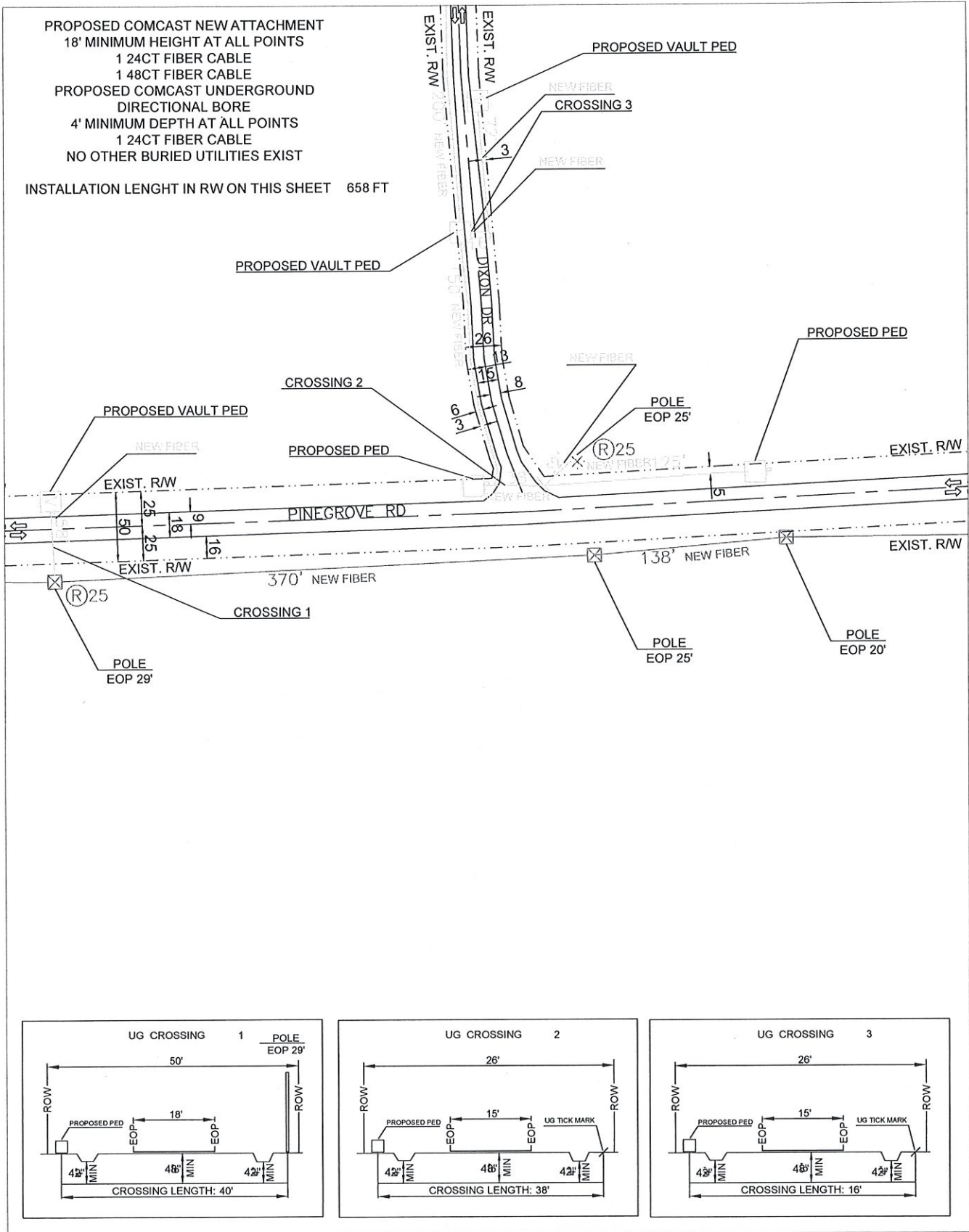
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	LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY	NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED	NO SCALE		SHEET 3 OF 39	

MATCH SHEET 5

PROPOSED COMCAST NEW ATTACHMENT
 18' MINIMUM HEIGHT AT ALL POINTS
 1 24CT FIBER CABLE
 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 658 FT

MATCH SHEET 3

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 LAINE GAS LAINE PROPOSED ANCHOR PROPOSED RISER	PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE		ENGINEERED FOR: 	MADISON COUNTY PINEGROVE RD, DIXON DR 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 SOODED	NO SCALE SHEET 4 OF 39			

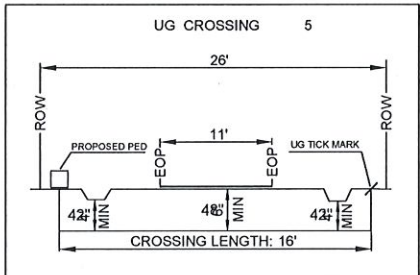
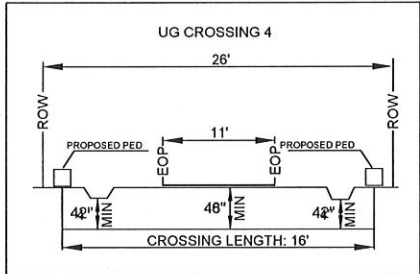
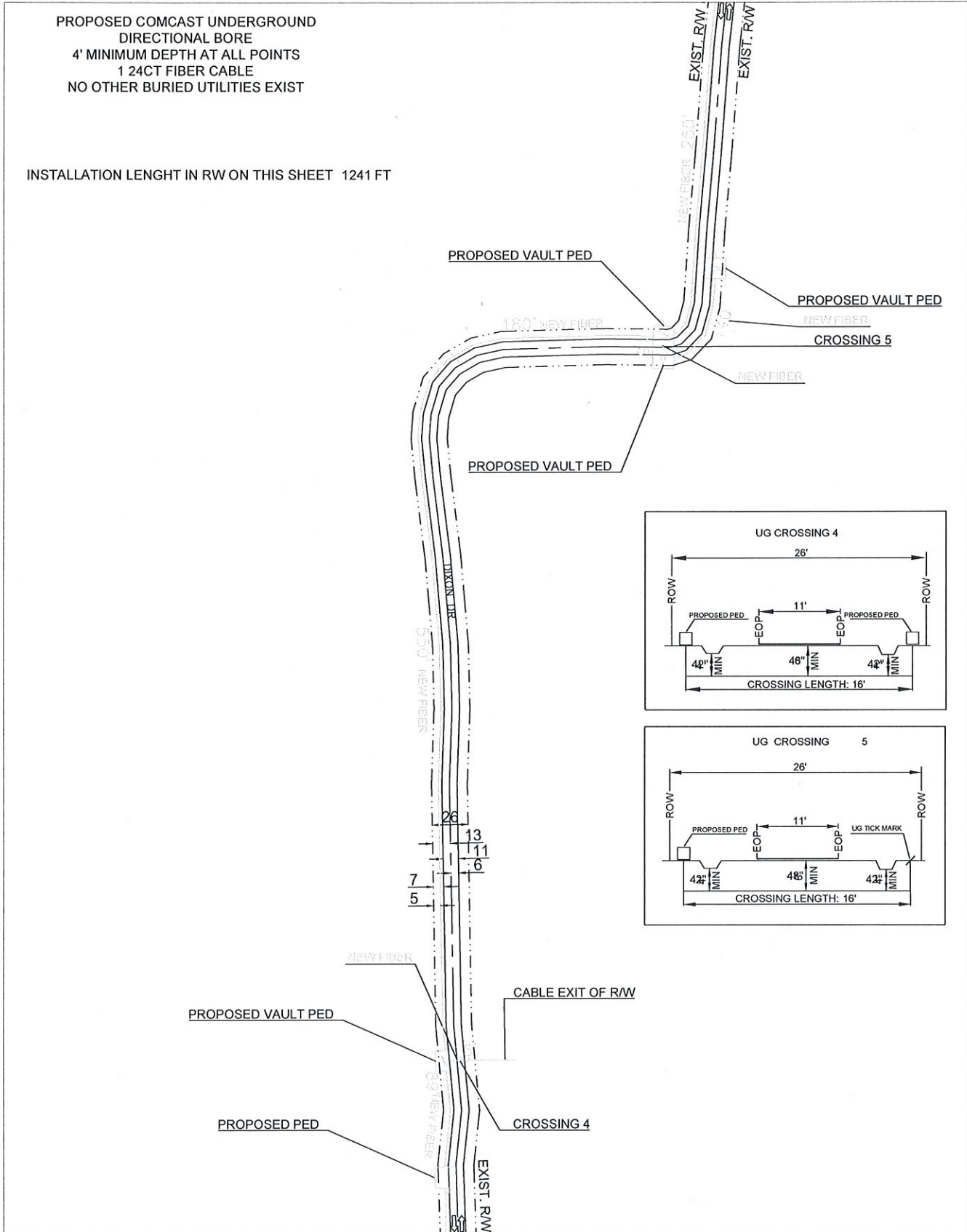
MATCH SHEET 6

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 1241 FT

NO MATCH SHEET

NO MATCH SHEET



MATCH SHEET 4

<p>PREPARED BY:</p> <p>QUASAR, INC.</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>DIXON DR</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 HOLES TO BE TAMPED AND SODDED</p>			<p>NO SCALE</p> <p>SHEET 5 OF 39</p>

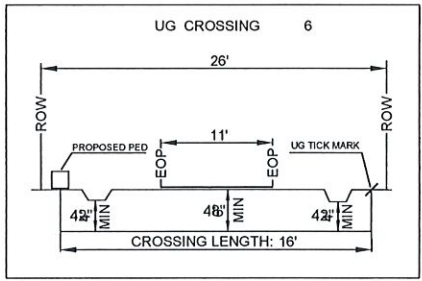
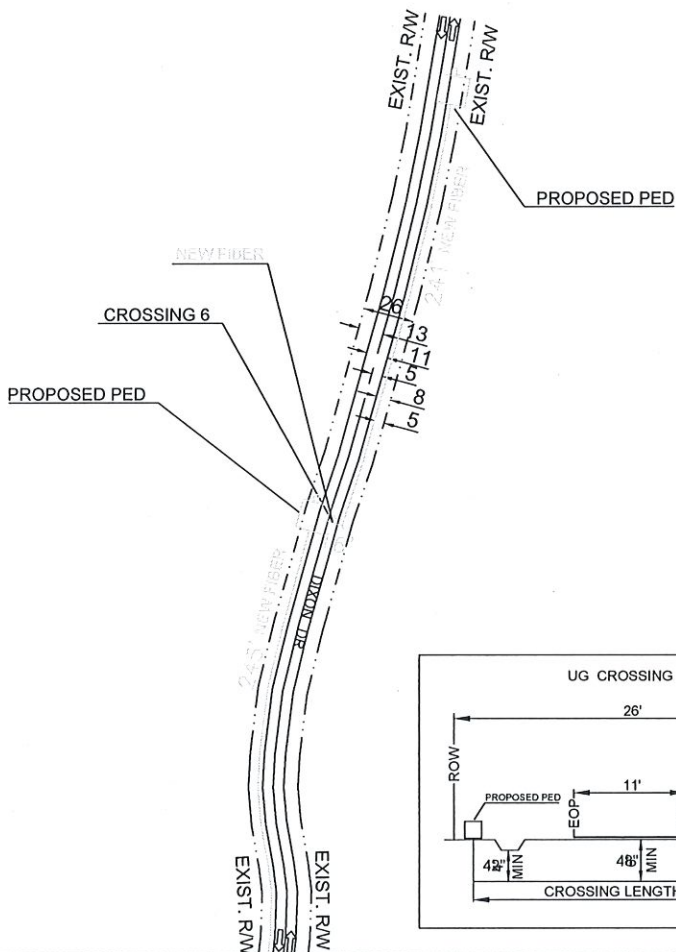
NO MATCH SHEET

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 502 FT

NO MATCH SHEET

NO MATCH SHEET



MATCH SHEET 5

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 DIXON DR 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 6 OF 39	

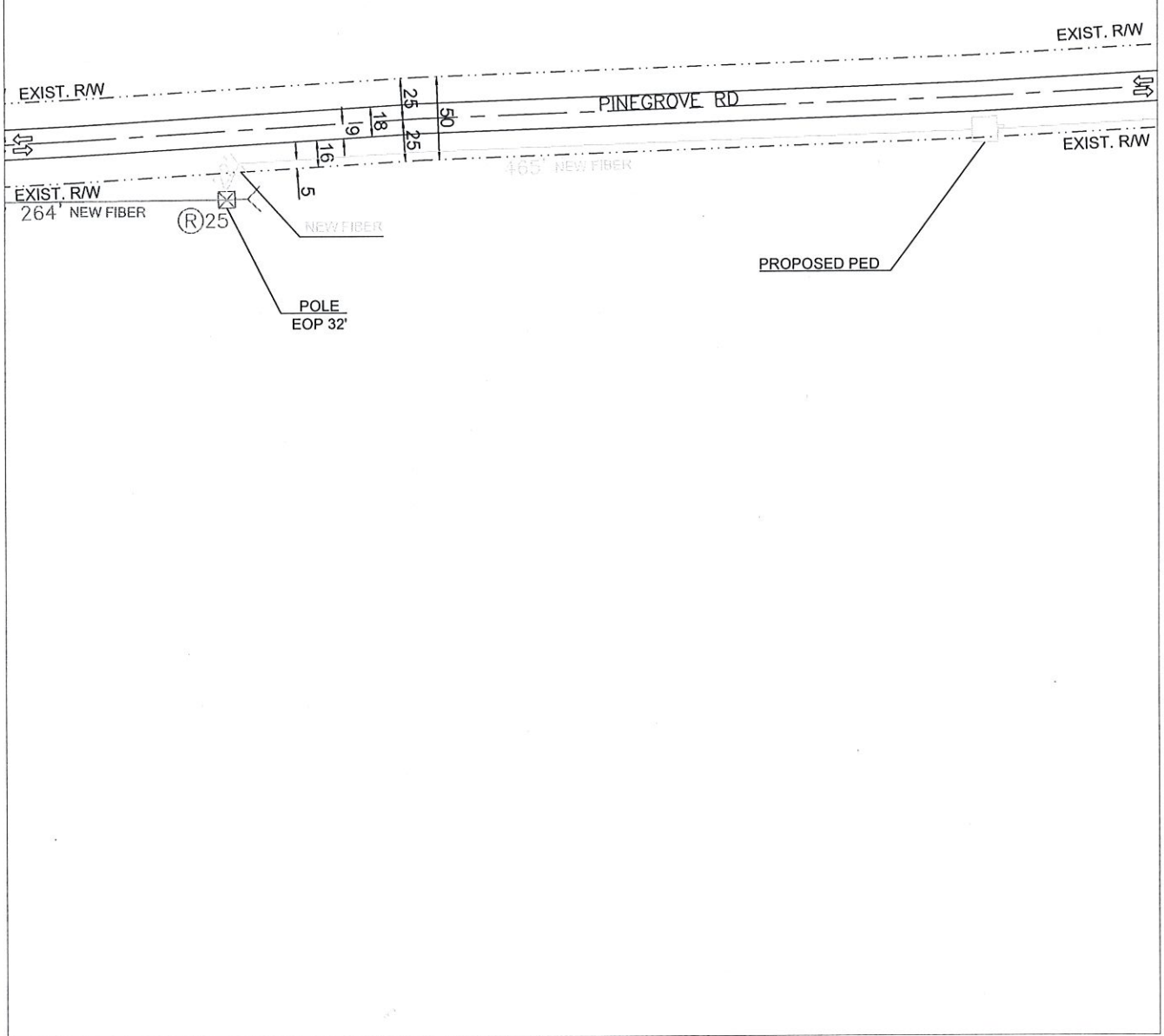
NO MATCH SHEET

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 470 FT

MATCH SHEET 4

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 PINEGROVE RD TRANSPORT FIBER		NO SCALE	SHEET 7 OF 39
	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 SOODED						

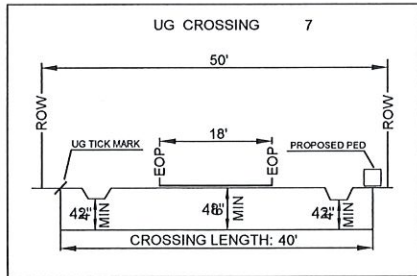
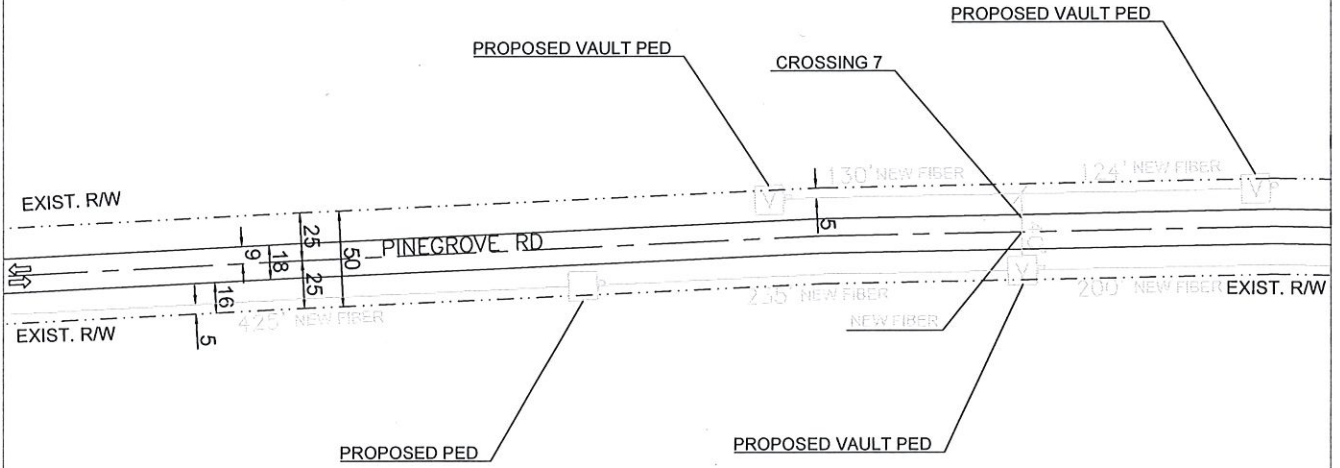
NO MATCH SHEET

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 1154 FT

MATCH SHEET 7

MATCH SHEET 9

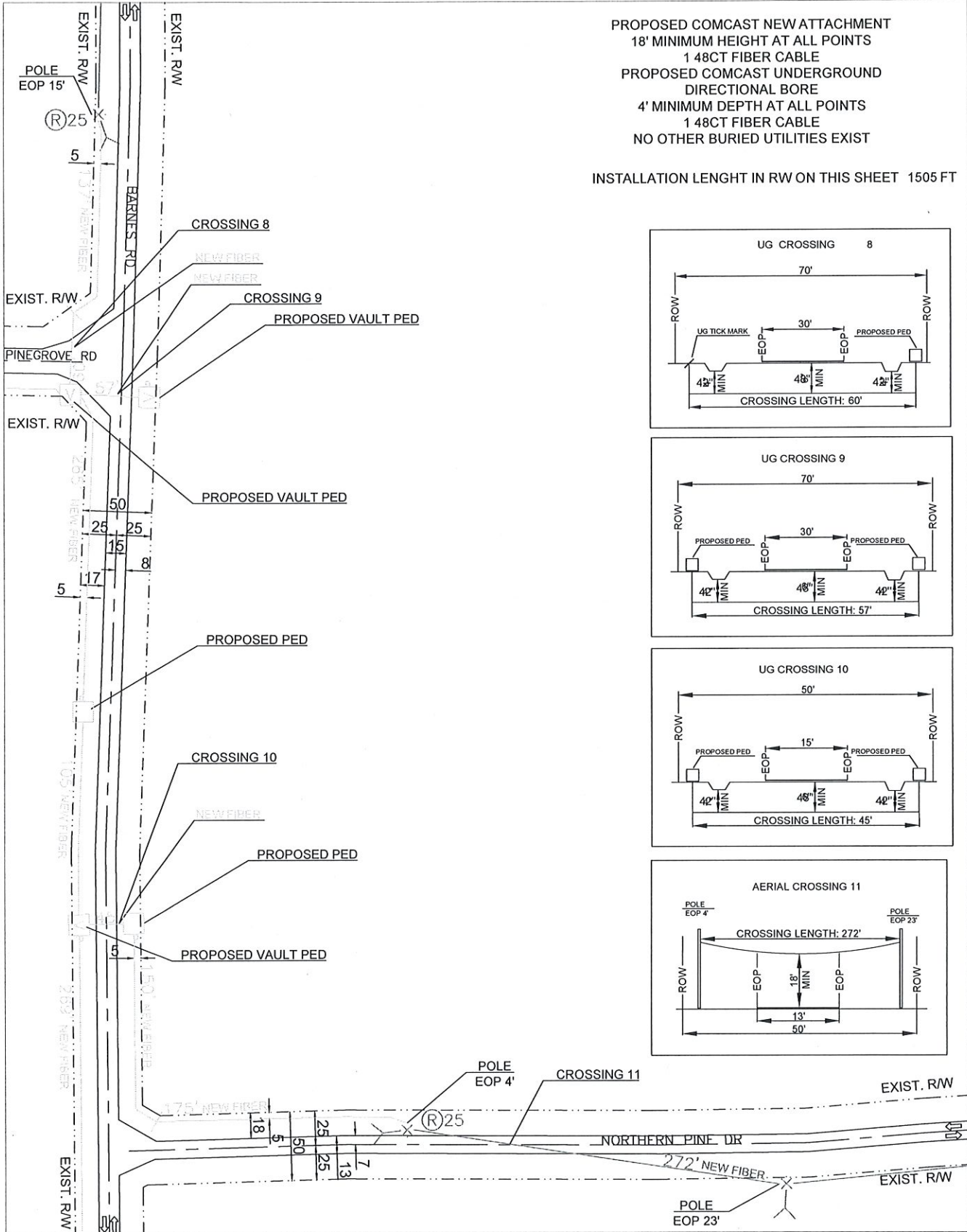


NO MATCH SHEET

<p>PREPARED BY:</p> <p>QUASAR, INC.</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>LEGEND:</p> <p>RW - RIGHT OF WAY</p> <p>EOP - EDGE OF PAVEMENT</p> <p>DW - DRIVEWAY</p> <p>POW - PAVED DRIVEWAY</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>PINEGROVE RD</p> <p>TRANSPORT FIBER</p>	<p>NO SCALE</p> <p>SHEET 8 OF 39</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 SCAFFED</p>					

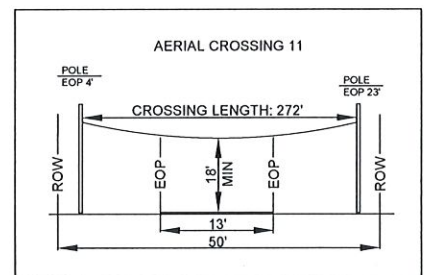
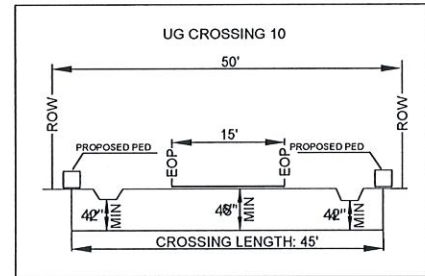
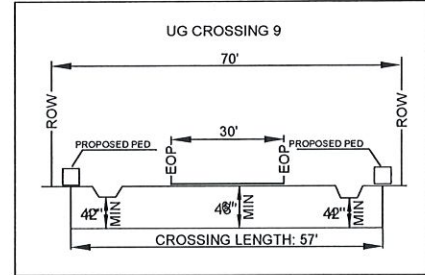
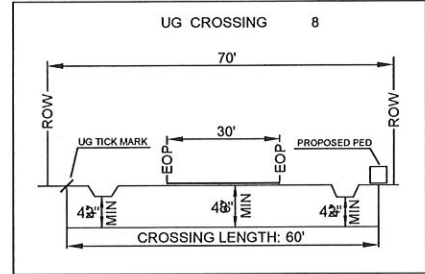
MATCH SHEET 21

MATCH SHEET 8



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 1505 FT



MATCH SHEET 10

MATCH SHEET 13

<p>PREPARED BY:</p> <p>QUASAR, INC.</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>PINEGROVE RD</p> <p>BARNES RD</p> <p>NORTHERN PINE DR</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 SCAFFED</p>		<p>NO SCALE</p> <p>SHEET 9 OF 39</p>	

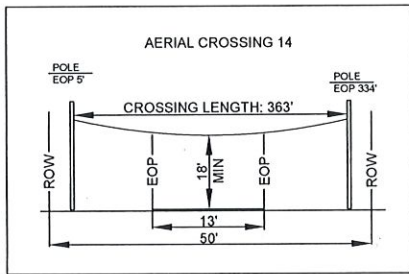
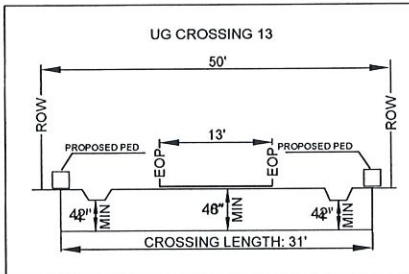
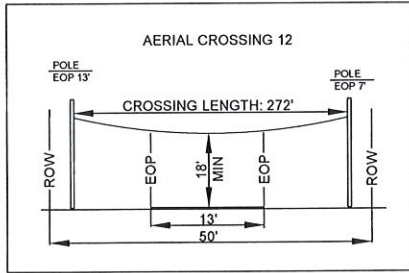
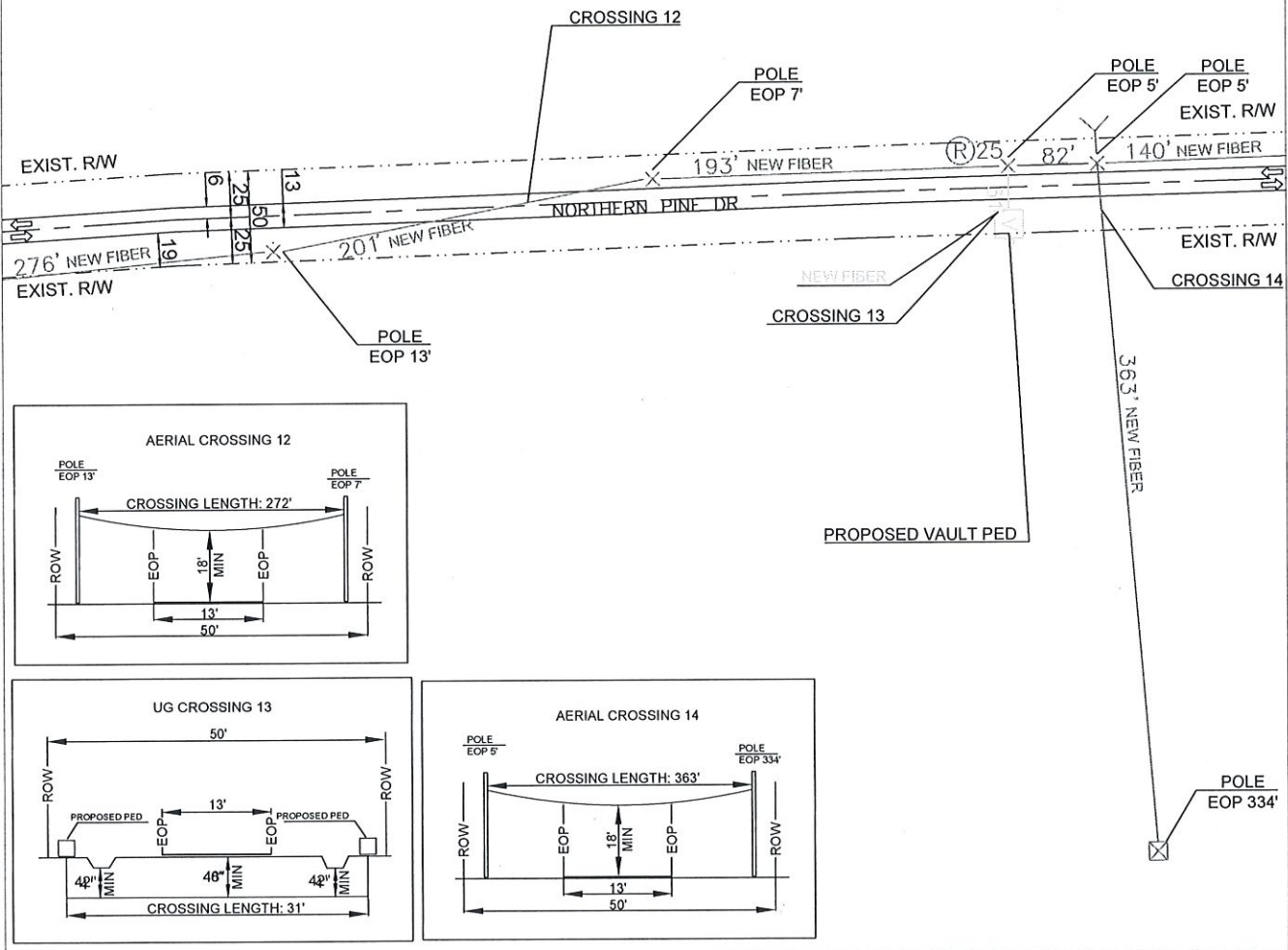
NO MATCH SHEET

PROPOSED COMCAST NEW ATTACHMENT
 18' MINIMUM HEIGHT AT ALL POINTS
 1 24CT FIBER CABLE
 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 738 FT

MATCH SHEET 9

MATCH SHEET 11



MATCH SHEET 12

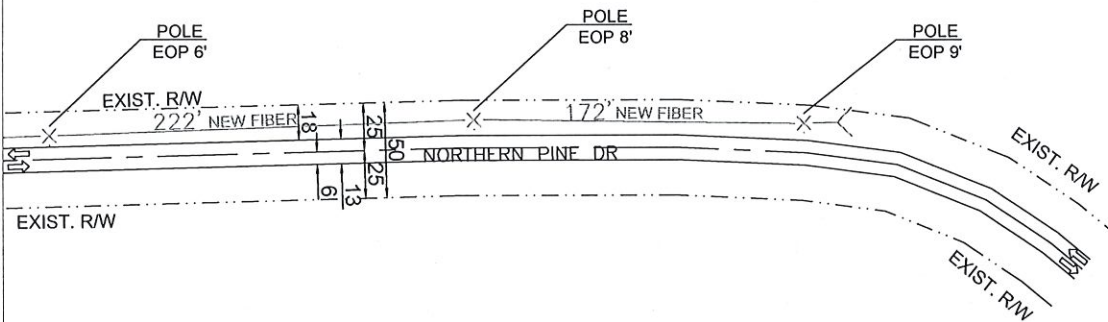
PREPARED BY: 	<ul style="list-style-type: none"> EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN 	<ul style="list-style-type: none"> RIGHT OF WAY LINE IRRIGATION LINE WATER LANE GAS LANE PROPOSED ANCHOR PROPOSED RISER 	<ul style="list-style-type: none"> PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE 		ENGINEERED FOR: 	MADISON COUNTY NORTHERN PINE DR 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 HOLES TO BE TAMPED AND SODDED		NO SCALE	SHEET 10 OF 39

NO MATCH SHEET

PROPOSED COMCAST NEW ATTACHMENT
 18' MINIMUM HEIGHT AT ALL POINTS
 1 24CT FIBER CABLE

INSTALLATION LENGTH IN RW ON THIS SHEET 394 FT

MATCH SHEET 10



NO MATCH SHEET

MATCH SHEET 12

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 NORTHERN PINE DR 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 SCODED	NO SCALE SHEET 11 OF 39			

MATCH SHEET 9

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 1060 FT

PROPOSED VAULT PED

CROSSING 15

PROPOSED VAULT PED

NEW FIBER

EXIST. RW
EXIST. RW

50
25 25
15
17
7
5

500' NEW FIBER

BARNES RD

CROSSING 16

NEW FIBER

PROPOSED PED

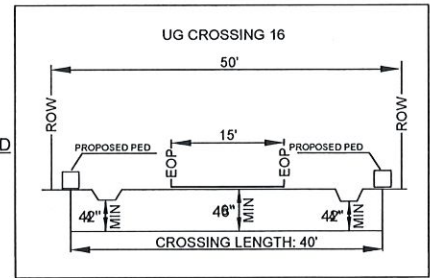
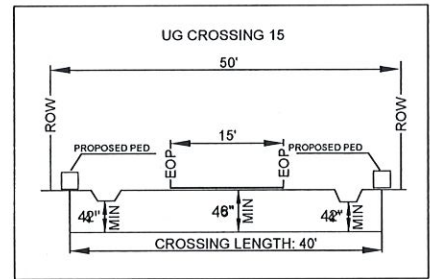
PROPOSED PED

400' NEW FIBER

EXIST. RW
EXIST. RW

NO MATCH SHEET

NO MATCH SHEET



MATCH SHEET 13

PREPARED BY:

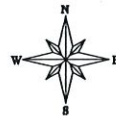


- EXISTING POLE
- PROPOSED PEDESTAL
- PROPOSED VAULT
- WATER VALVE
- FIBER MARKER
- GAS MARKER
- MANHOLE
- SEWER MANHOLE
- STORM DRAIN
- RIGHT OF WAY LINE
- IRRIGATION LINE
- WATER LAINE
- GAS LAINE
- PROPOSED ANCHOR
- PROPOSED RISER

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

NOTES:
BORE HOLE TO BE FILLED SAME DAY
VAULT HOLE TO BE FILLED SAME DAY
ALL HOLE TO BE TAMPED AND SOODED



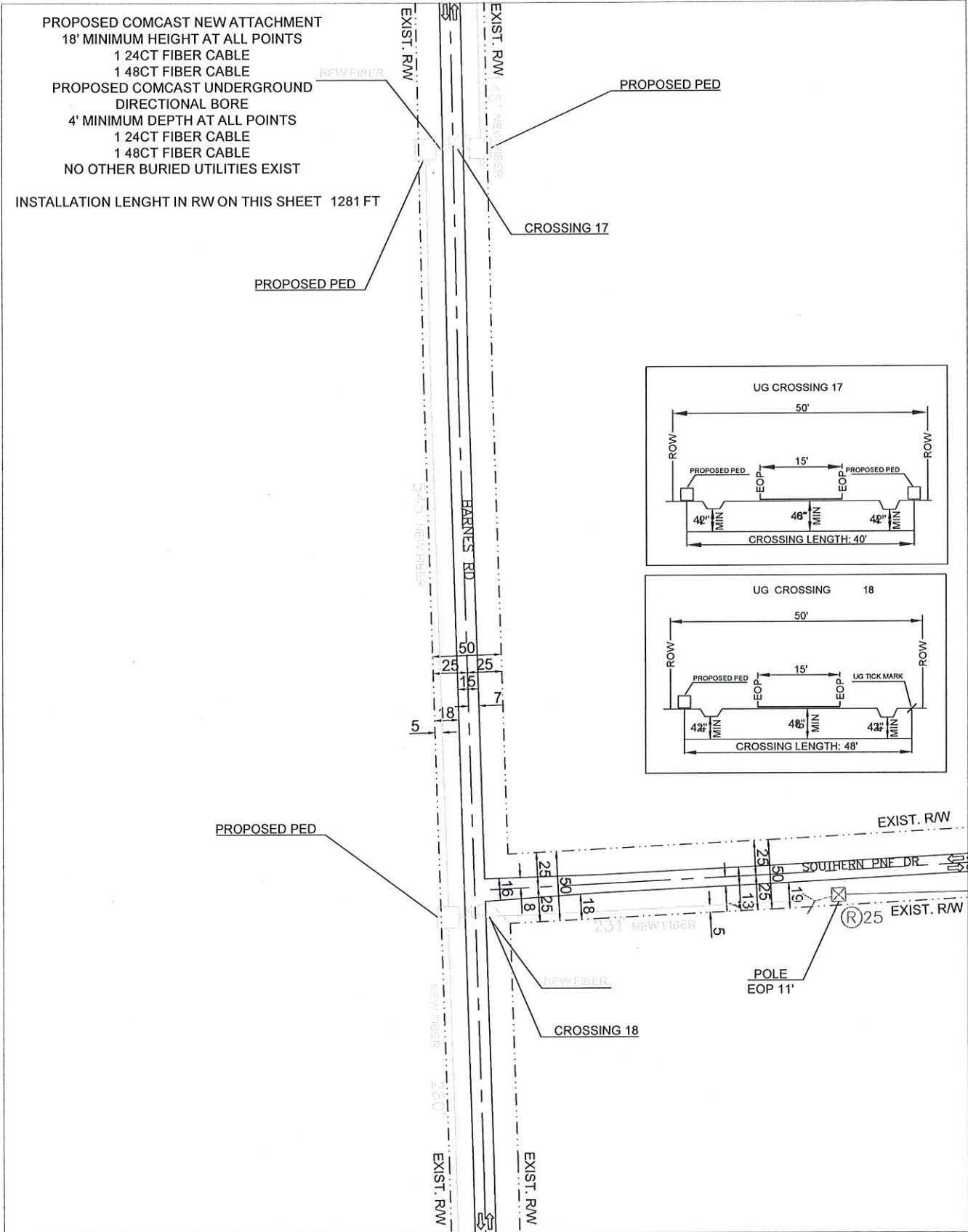
ENGINEERED FOR:



MADISON COUNTY
BARNES RD
TRANSPORT FIBER

MATCH SHEET 12

NO MATCH SHEET



MATCH SHEET 15

MATCH SHEET 15

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 BARNES RD, SOUTHERN PNE 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 13 OF 39	

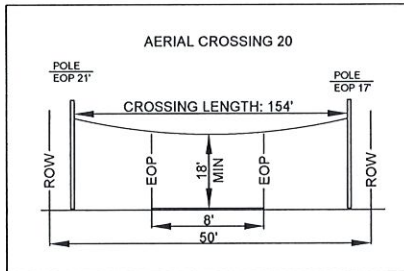
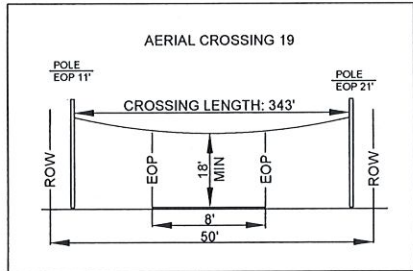
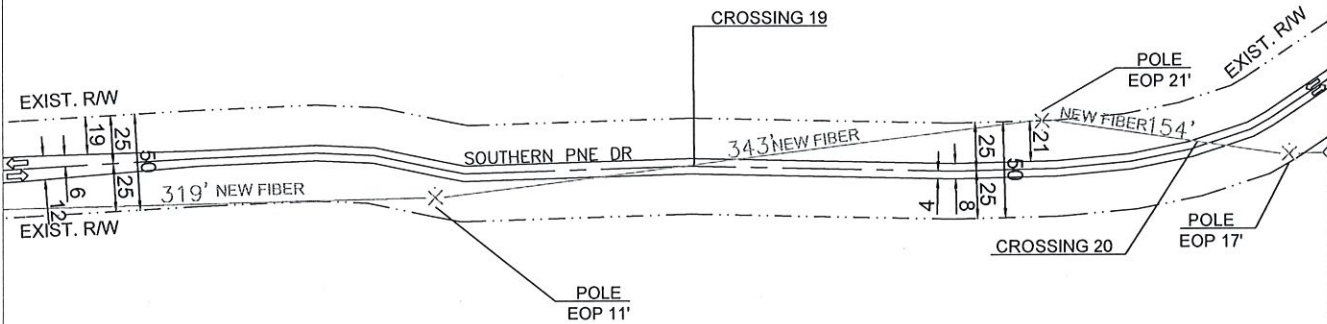
NO MATCH SHEET

PROPOSED COMCAST NEW ATTACHMENT
 18' MINIMUM HEIGHT AT ALL POINTS
 1 24CT FIBER CABLE

INSTALLATION LENGTH IN RW ON THIS SHEET 816 FT

MATCH SHEET 13

NO MATCH SHEET



NO MATCH SHEET

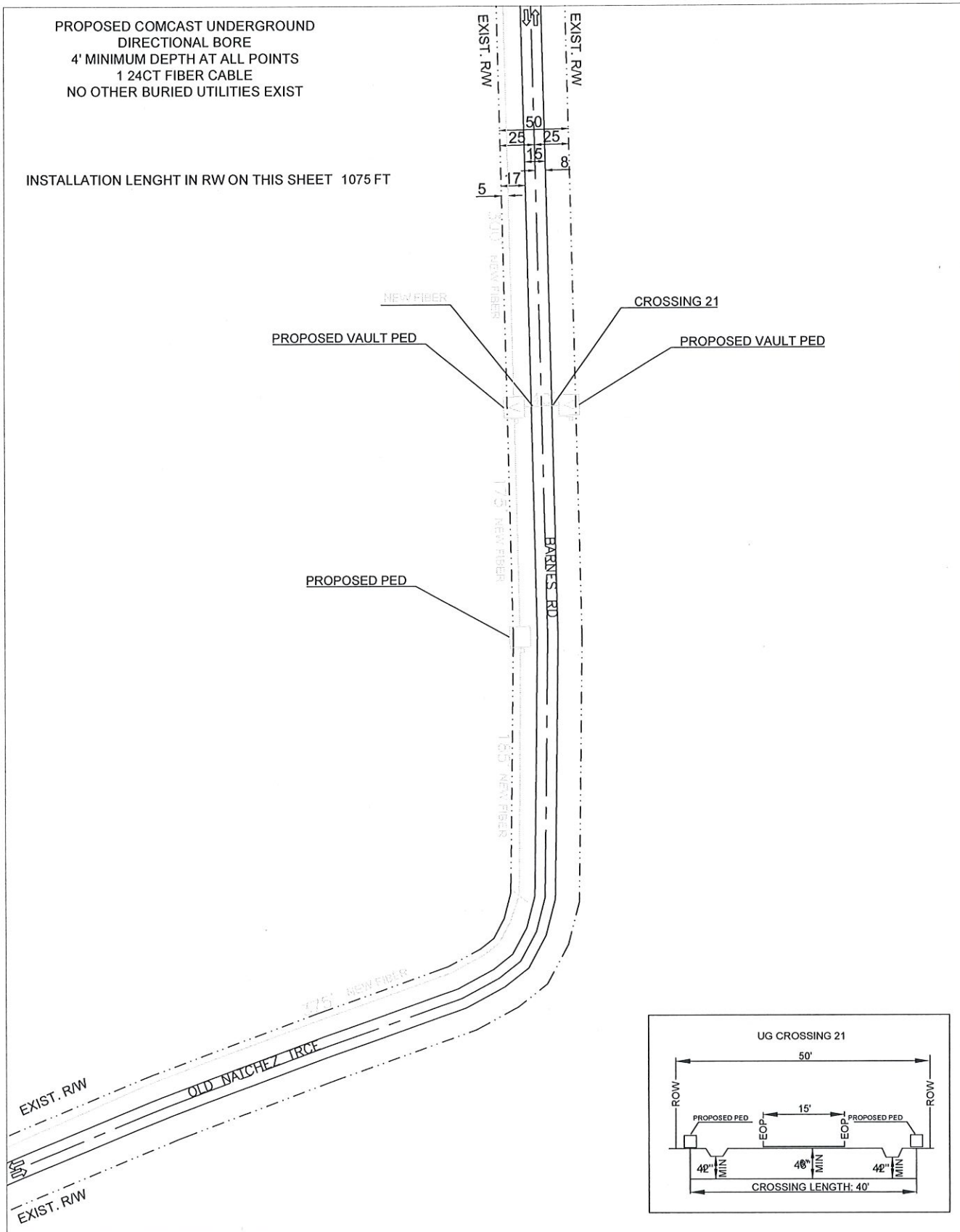
PREPARED BY: 	EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MAINHOLE STORM DRAIN	RIGHT OF WAY LINE IRRIGATION LINE WATER LANE GAS LANE PROPOSED ANCHOR PROPOSED RISER	PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE		ENGINEERED FOR: MADISON COUNTY SOUTHERN PNE DR 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 SOCCED			NO SCALE SHEET 14 OF 39

MATCH SHEET 13

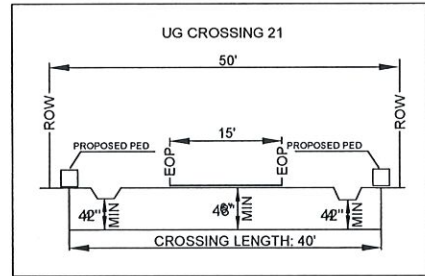
PROPOSED COMCAST UNDERGROUND
DIRECTIONAL BORE
4' MINIMUM DEPTH AT ALL POINTS
1 24CT FIBER CABLE
NO OTHER BURIED UTILITIES EXIST

INSTALLATION LENGTH IN RW ON THIS SHEET 1075 FT

MATCH SHEET 16



NO MATCH SHEET



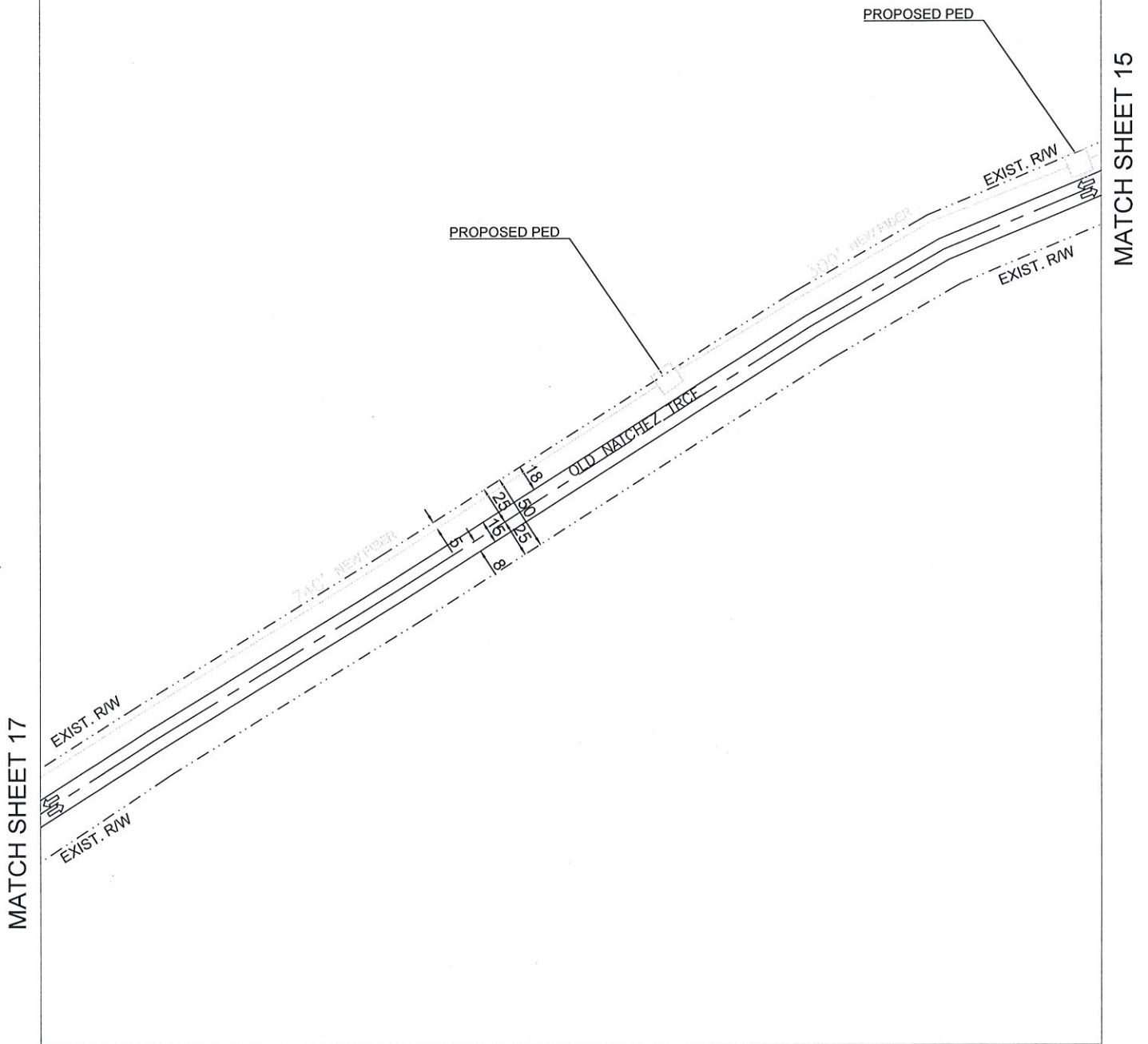
NO MATCH SHEET

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	PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE		ENGINEERED FOR: MADISON COUNTY BARNES RD TRANSPORT FIBER		NO SCALE	SHEET 15 OF 39
	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 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 1040 FT



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 OLD NATCHEZ TRCE 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 SOODED	NO SCALE SHEET 16 OF 39			

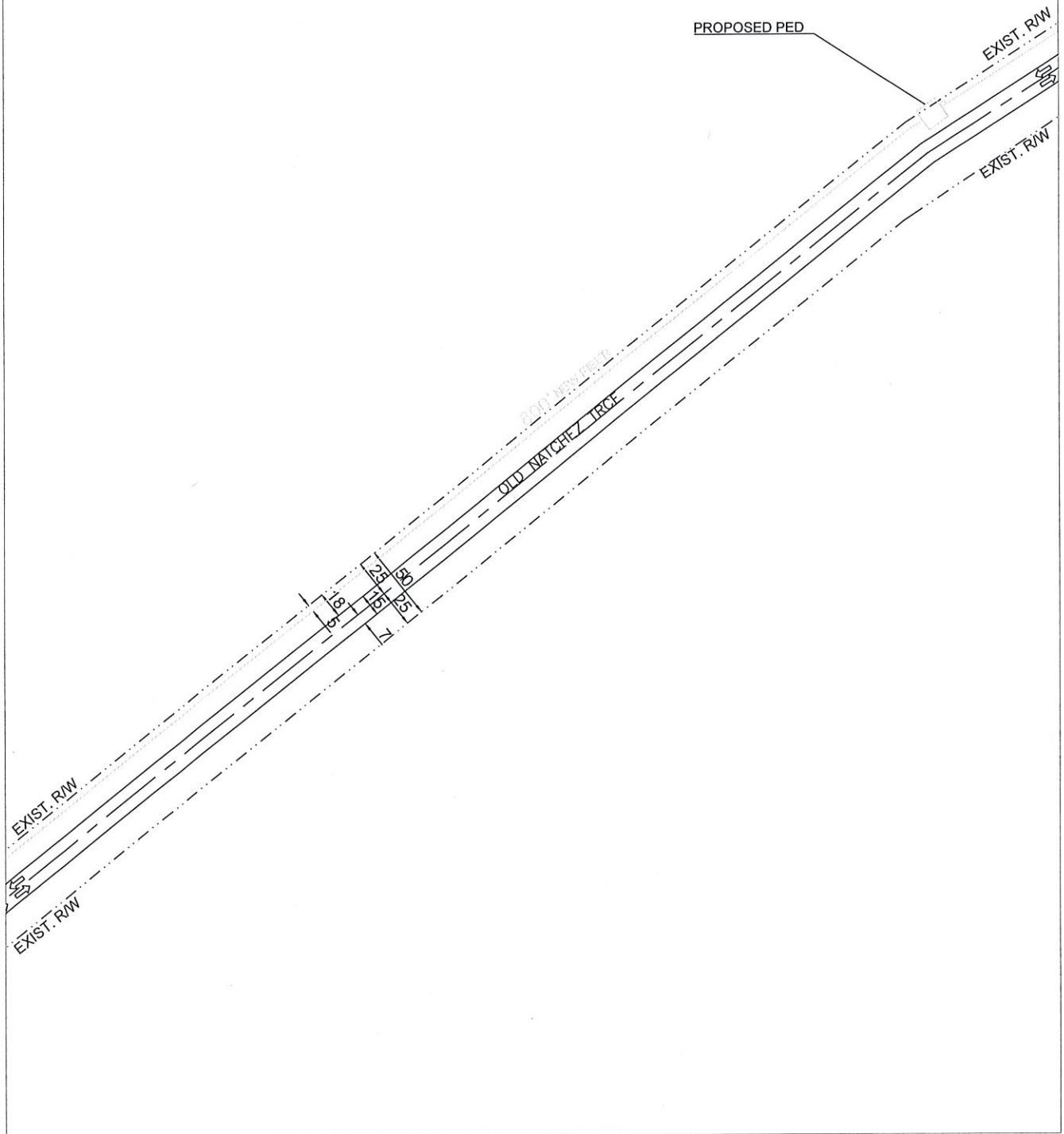
NO MATCH SHEET

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


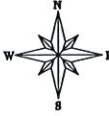

INSTALLATION LENGTH IN RW ON THIS SHEET 800 FT

MATCH SHEET 18

MATCH SHEET 16



NO MATCH SHEET

PREPARED BY:  QUASAR, INC.	EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MAINHOLE STORM DRAIN	RIGHT OF WAY LINE IRRIGATION LINE WATER LAINE GAS LAINE 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 NACHEZ TRCE TRANSPORT FIBER
	NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SOODED			NO SCALE	SHEET 17 OF 39	

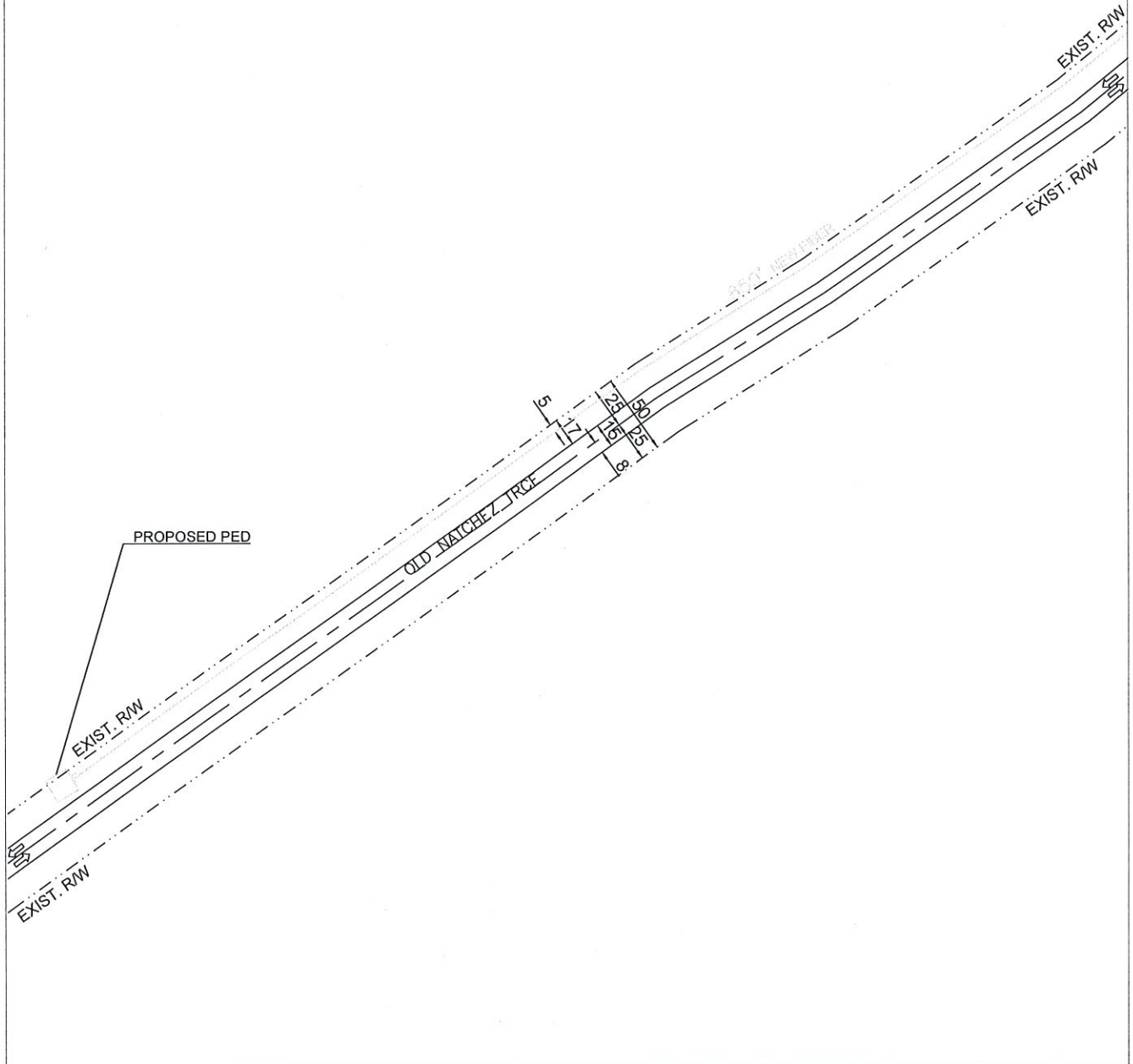
NO MATCH SHEET

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 850 FT

NO MATCH SHEET

MATCH SHEET 18



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 OLD NATCHEZ TRCE 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 19 OF 39			

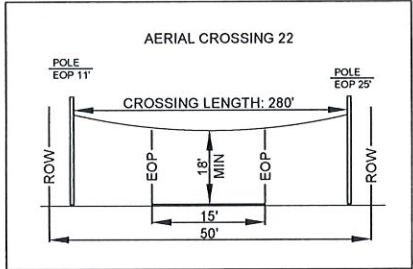
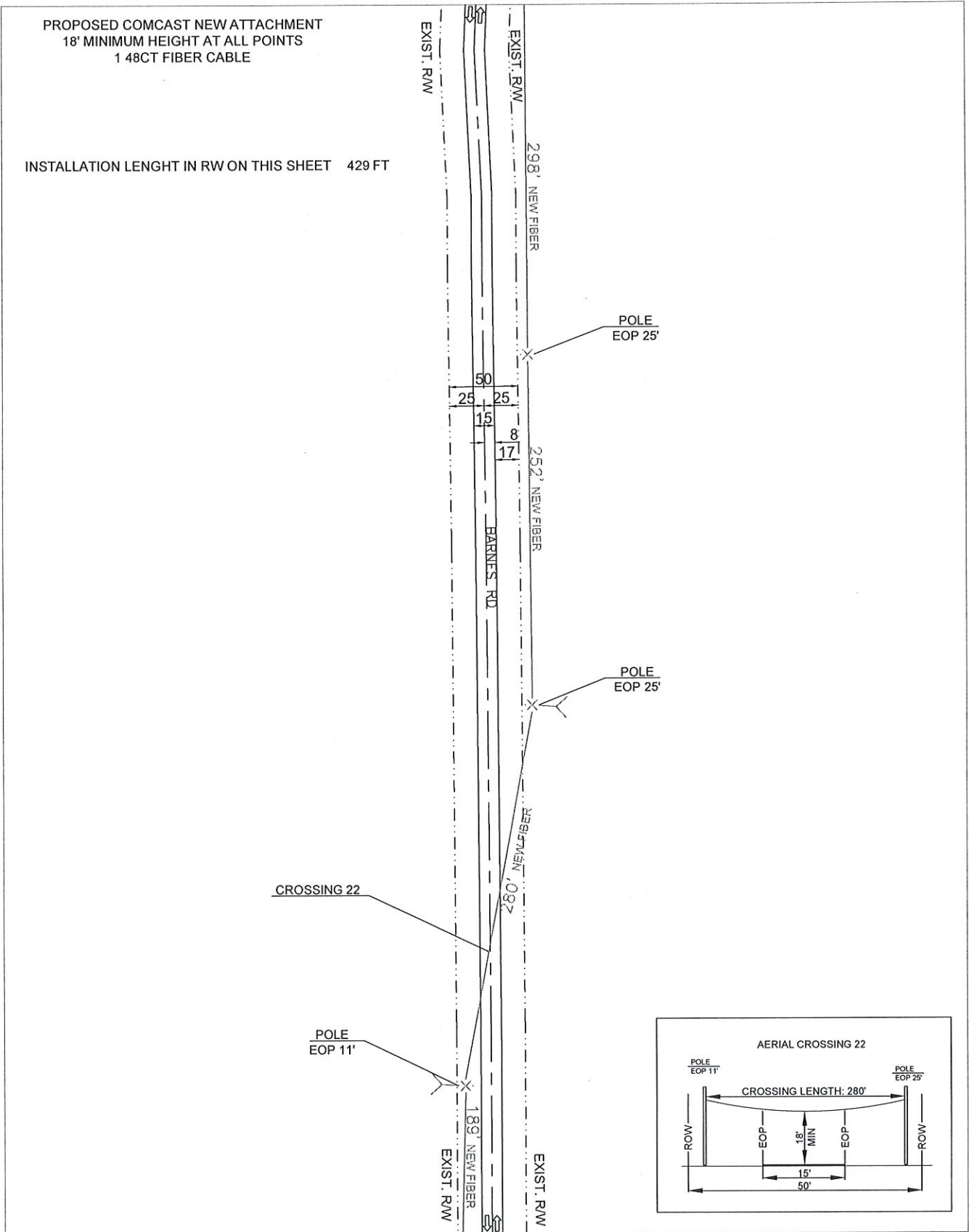
MATCH SHEET 21

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

INSTALLATION LENGTH IN RW ON THIS SHEET 429 FT

MATCH SHEET 20

NO MATCH SHEET



MATCH SHEET 9

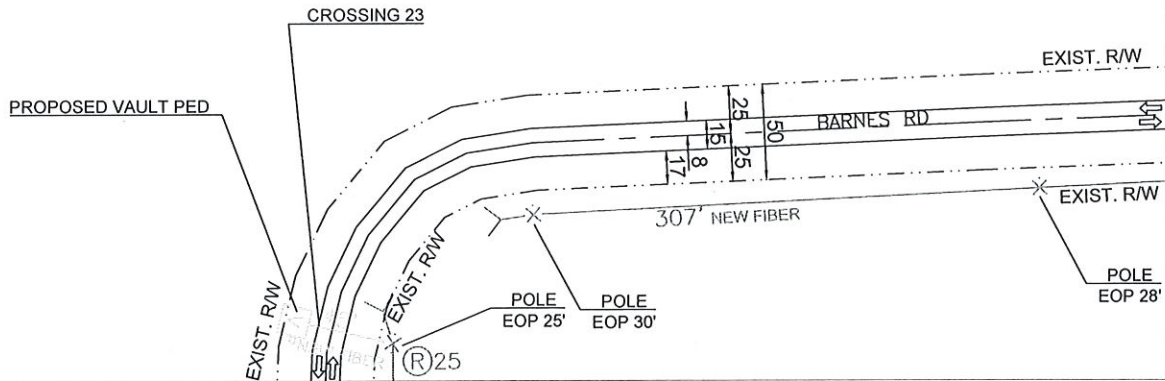
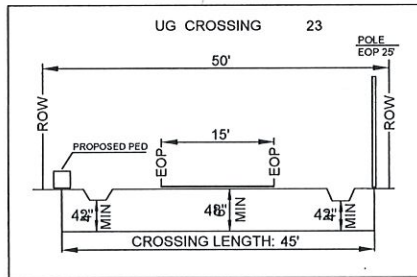
PREPARED BY: 	EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN	RIGHT OF WAY LINE IRRIGATION LINE WATER LANE GAS LANE PROPOSED ANCHOR PROPOSED RISER	PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE		ENGINEERED FOR: 	MADISON COUNTY BARNES 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 20 OF 39	

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 45 FT

NO MATCH SHEET



MATCH SHEET 22

MATCH SHEET 20

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 BARNES RD TRANSPORT FIBER		NO SCALE	SHEET 21 OF 39
	QUASAR, INC.	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					

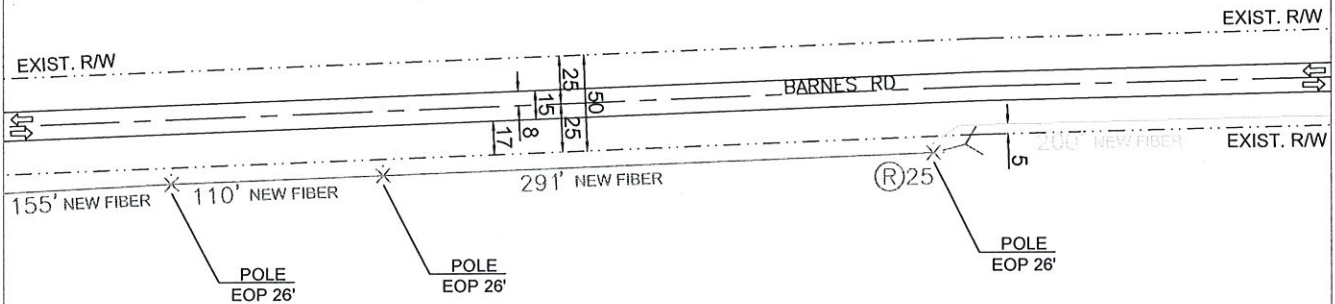
NO MATCH SHEET

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 200 FT

MATCH SHEET 21

MATCH SHEET 23



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 BARNES RD TRANSPORT FIBER		NO SCALE	SHEET 22 OF 39
	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 SOODED						

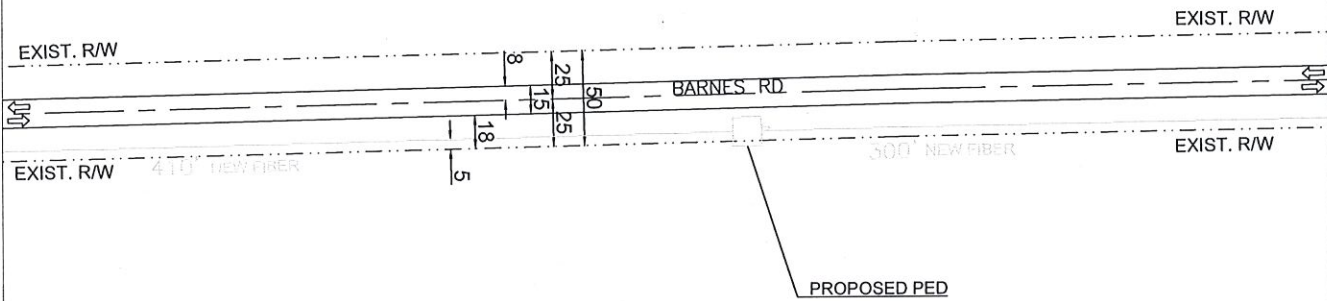
NO MATCH SHEET

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 710 FT

MATCH SHEET 22

MATCH SHEET 24



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 BARNES 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 23 OF 39			

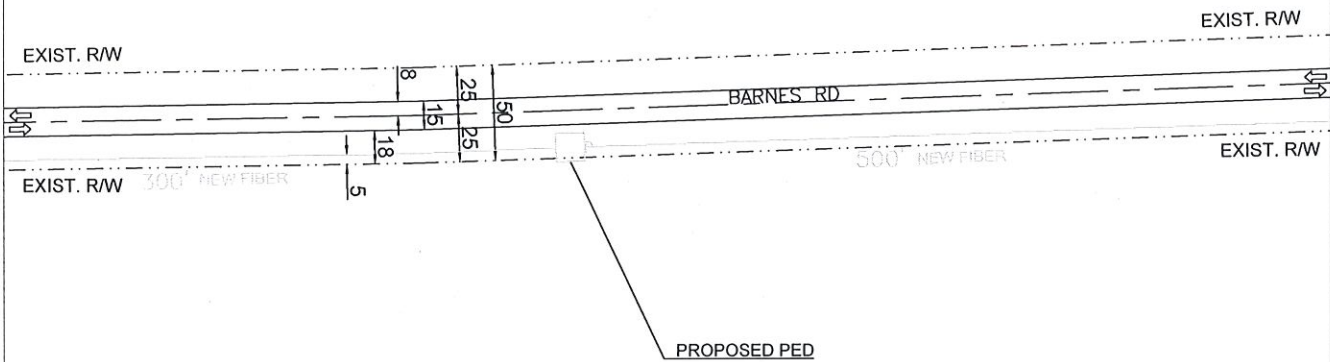
NO MATCH SHEET

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 800 FT

MATCH SHEET 23

MATCH SHEET 25



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 BARNES RD TRANSPORT FIBER		NO SCALE	SHEET 24 OF 39
	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						

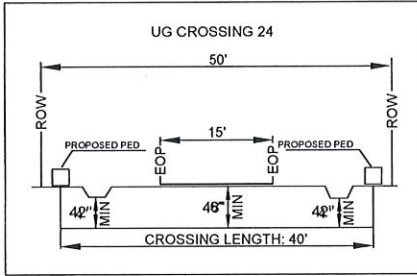
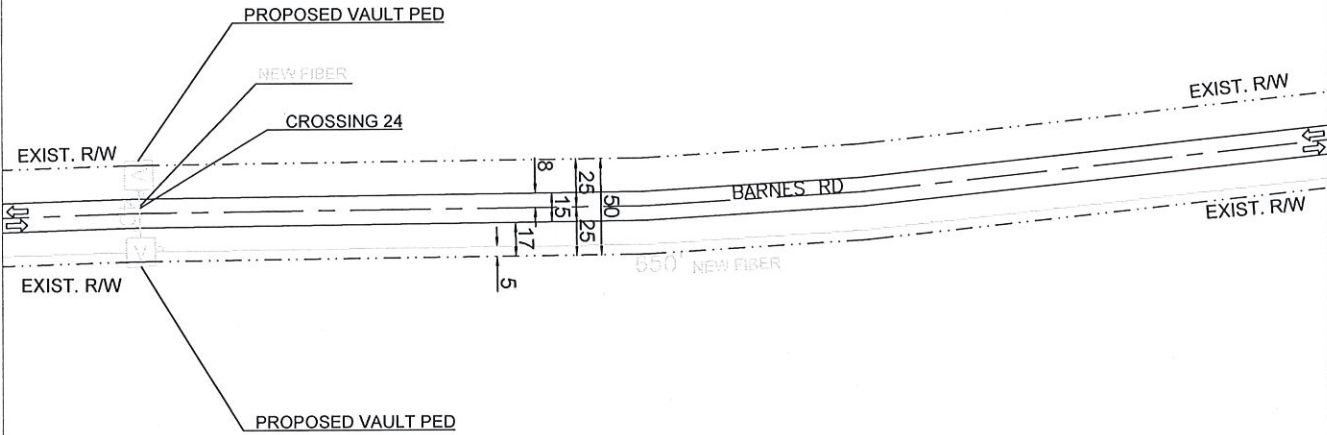
MATCH SHEET 25

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 690 FT

MATCH SHEET 24

MATCH SHEET 26



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 BARNES RD TRANSPORT FIBER
	NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SOODED		NO SCALE		SHEET 25 OF 39	

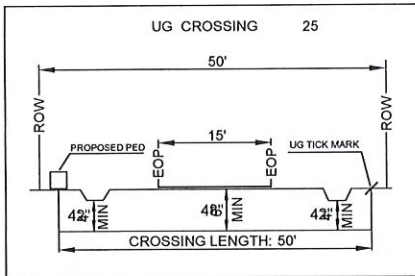
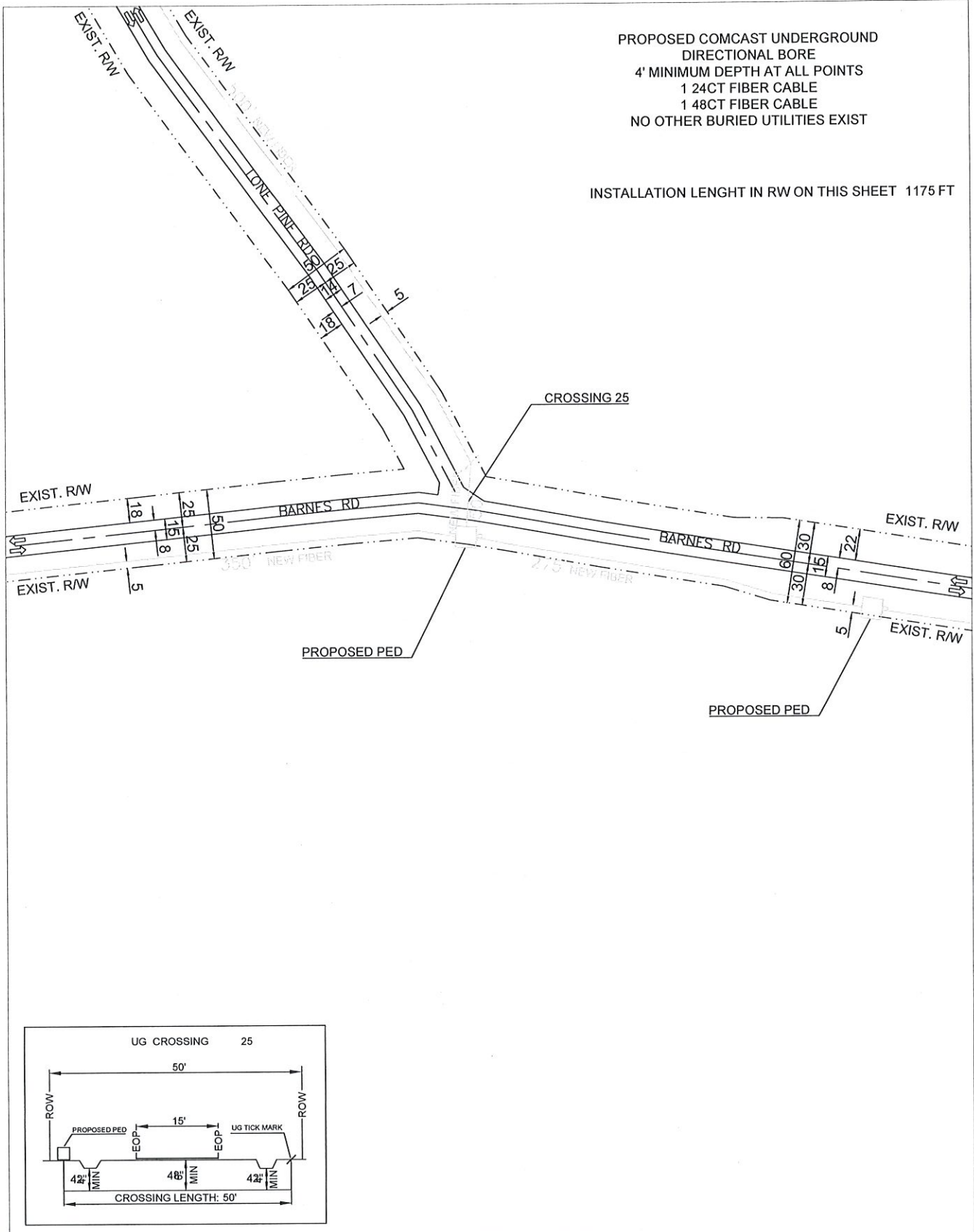
MATCH SHEET 27

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

INSTALLATION LENGTH IN RW ON THIS SHEET 1175 FT

MATCH SHEET 26

MATCH SHEET 30



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 LAINE GAS LAINE PROPOSED ANCHOR PROPOSED RISER	PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE		ENGINEERED FOR: 	MADISON COUNTY BARNES RD, LONE PINE RD TRANSPORT FIBER
	LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY POW - PAVED DRIVEWAY	NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SOCCDED	NO SCALE	SHEET 26 OF 39			

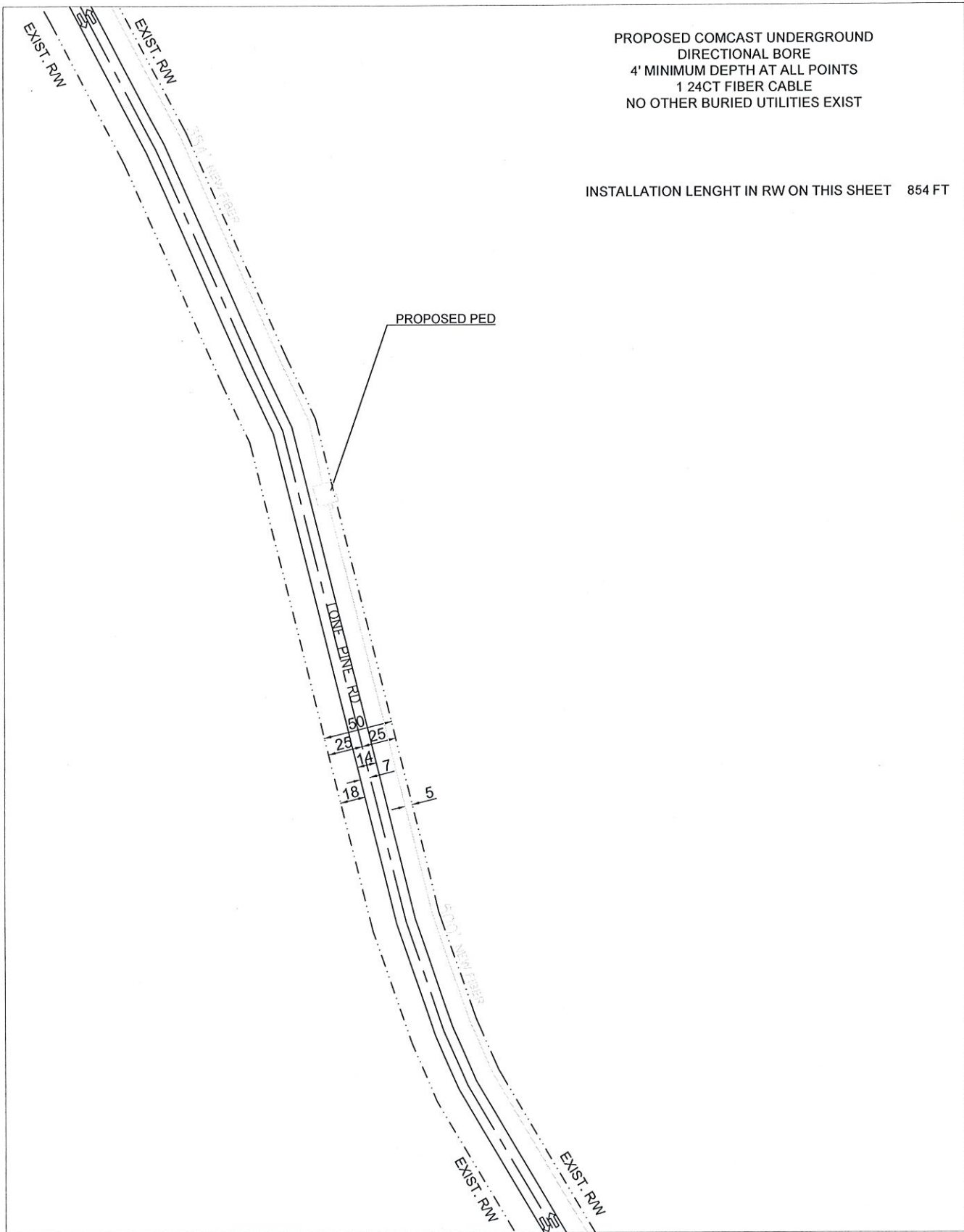
MATCH SHEET 28

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 854 FT

NO MATCH SHEET

NO MATCH SHEET



MATCH SHEET 26

PREPARED BY: 	EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MAIN/HOLE 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 LONE PINE RD TRANSPORT FIBER
	LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY POW - 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 27 OF 39	

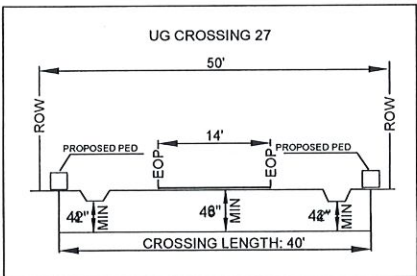
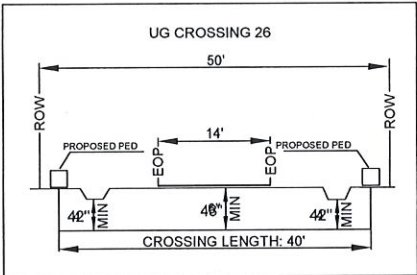
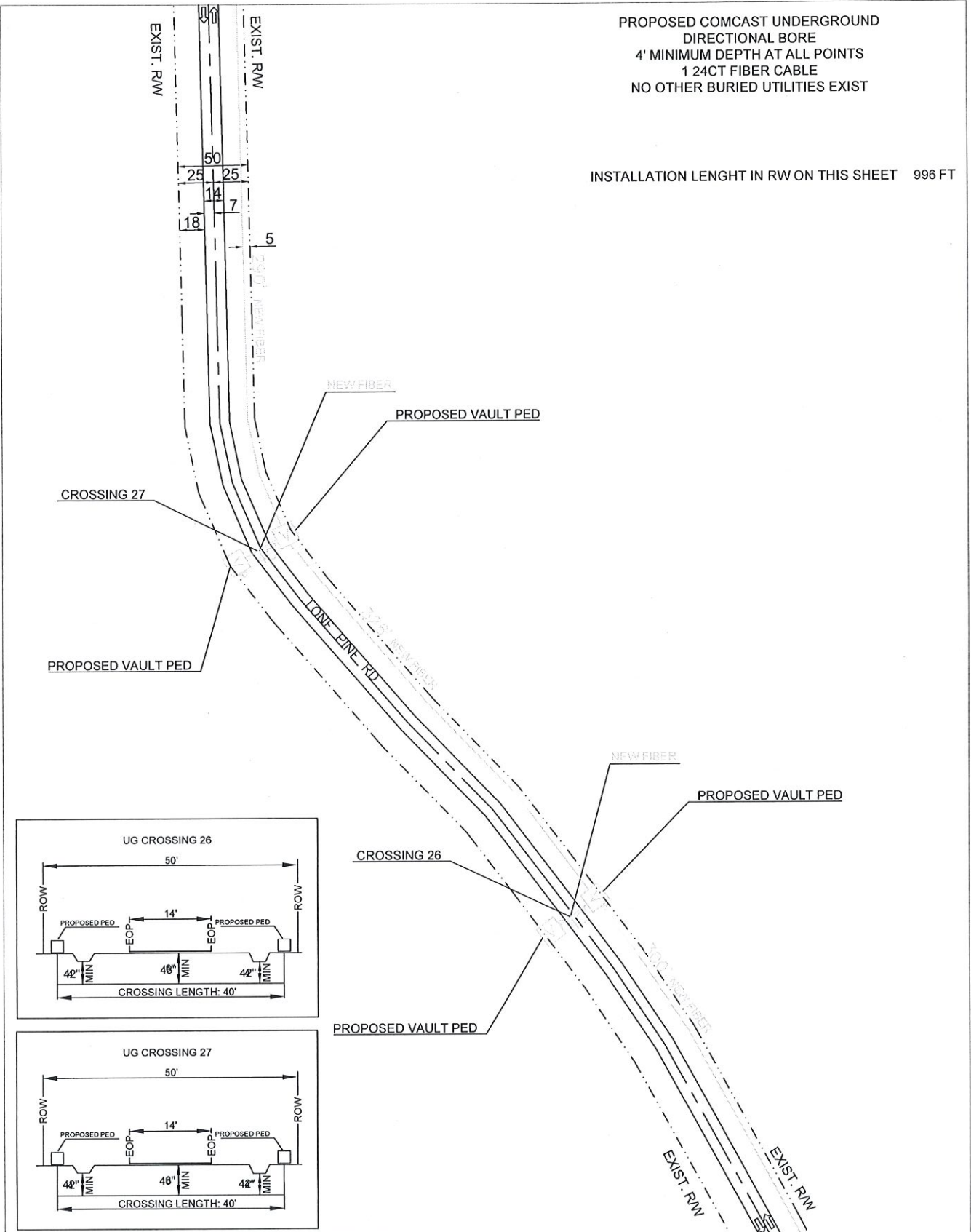
MATCH SHEET 29

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 996 FT

NO MATCH SHEET

NO MATCH SHEET



MATCH SHEET 27

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 LONE PINE RD TRANSPORT FIBER
	LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY ROW - 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 28 OF 39			

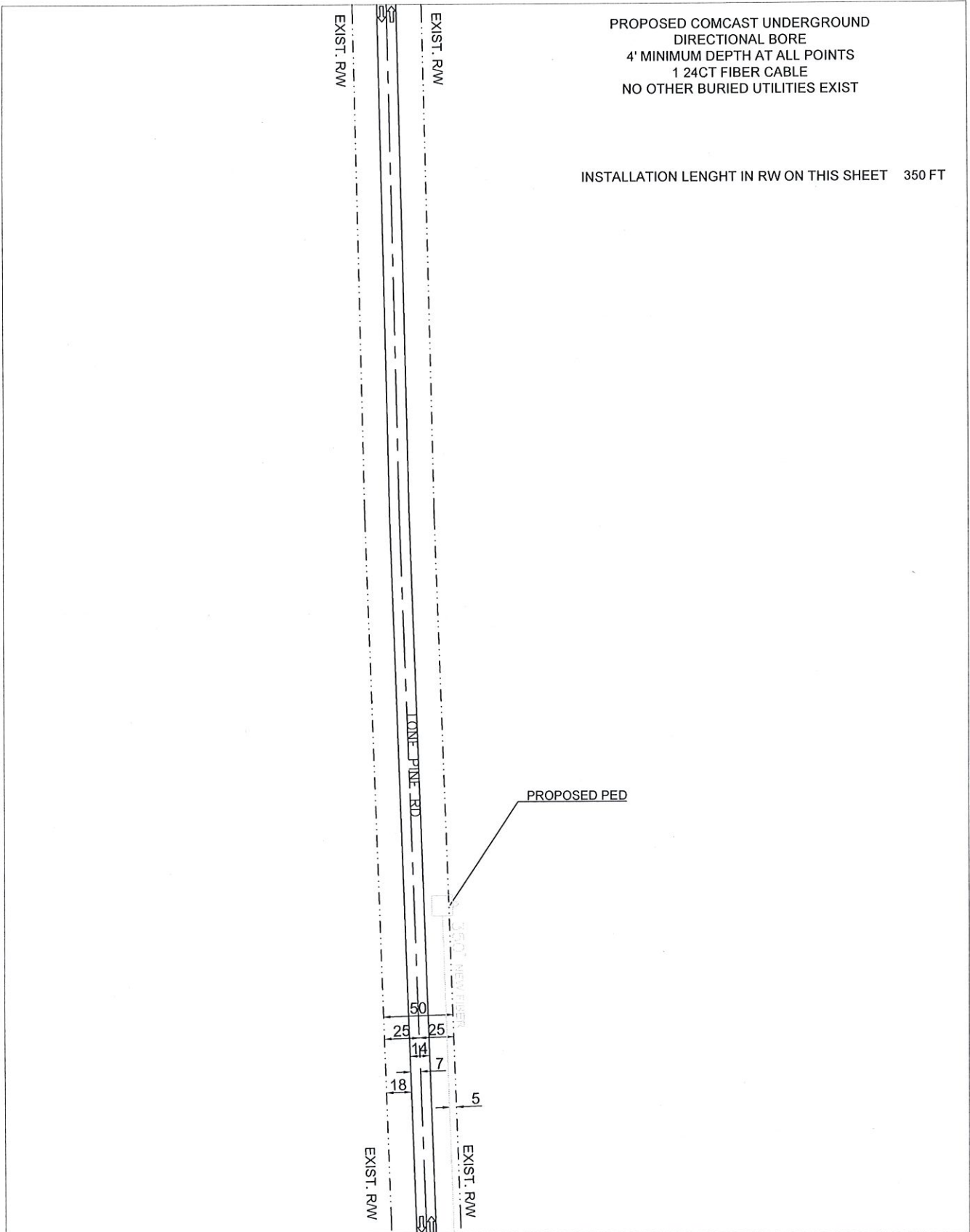
NO MATCH SHEET

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 350 FT

NO MATCH SHEET

NO MATCH SHEET



MATCH SHEET 28

PREPARED BY: 	EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MAINHOLE 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 LONE PINE 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 29 OF 39	

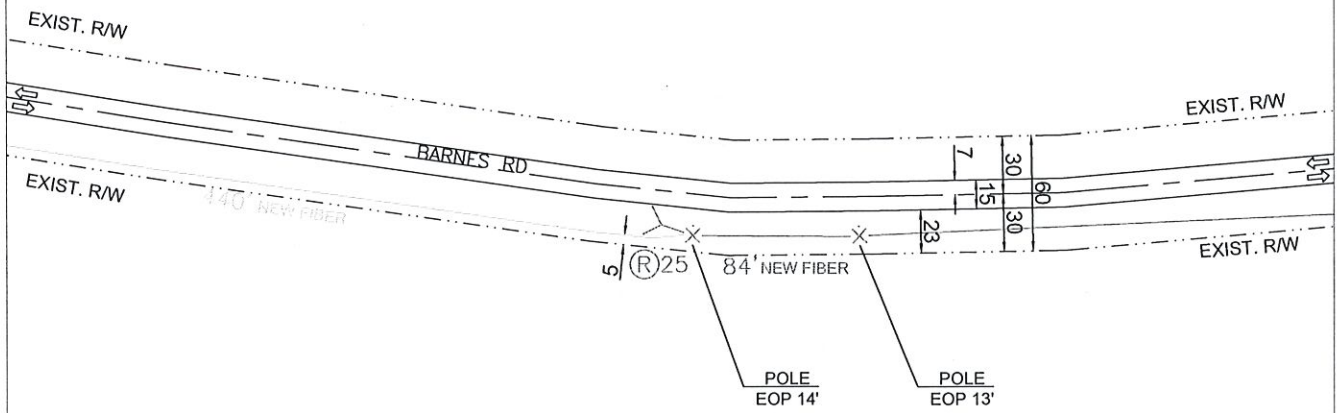
NO MATCH SHEET

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 524 FT

MATCH SHEET 26

MATCH SHEET 31



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 LAINE PROPOSED ANCHOR PROPOSED RISER	PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE		ENGINEERED FOR: 	MADISON COUNTY BARNES 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 30 OF 39			

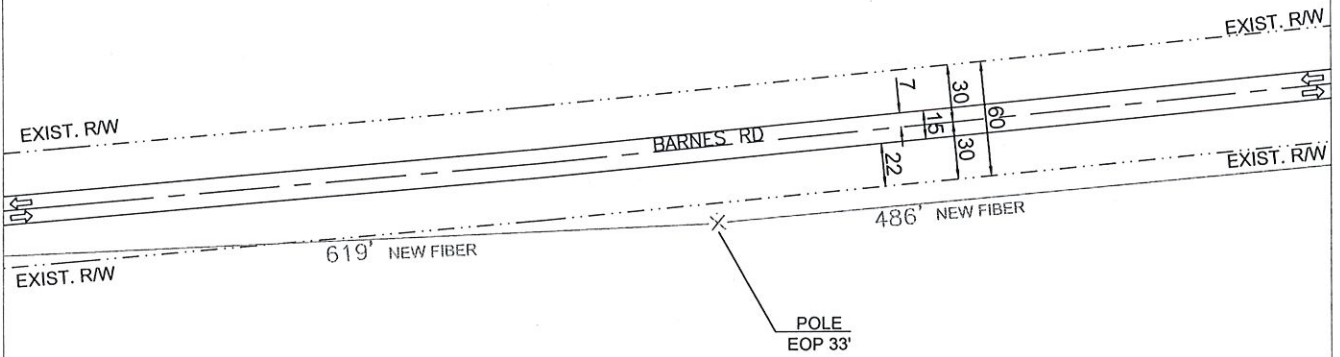
NO MATCH SHEET

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

INSTALLATION LENGTH IN RW ON THIS SHEET 503 FT

MATCH SHEET 30

MATCH SHEET 32



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 LAINE GAS LAINE PROPOSED ANCHOR PROPOSED RISER	PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE		ENGINEERED FOR: 	MADISON COUNTY BARNES RD TRANSPORT FIBER
	LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PAV - 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 31 OF 39			

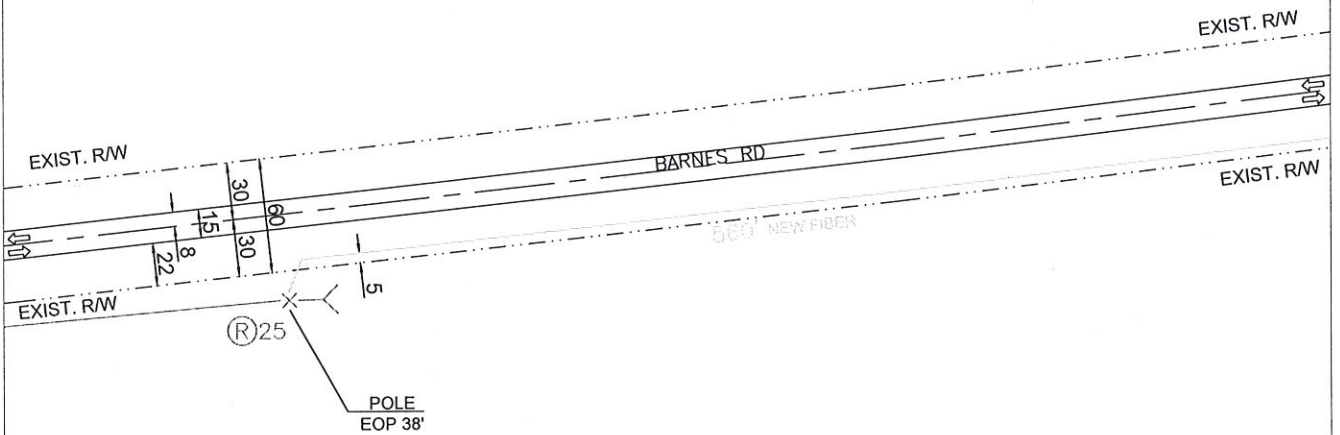
NO MATCH SHEET

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 560 FT

MATCH SHEET 31

MATCH SHEET 33



NO MATCH SHEET

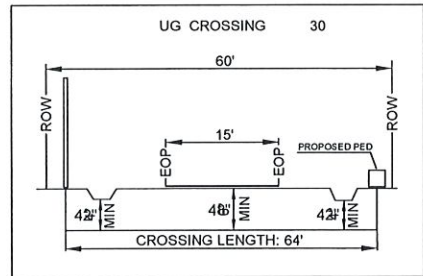
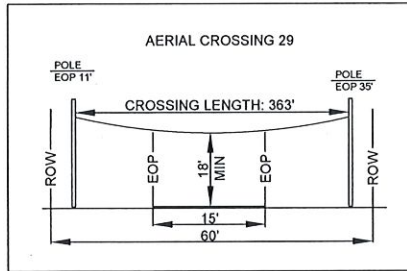
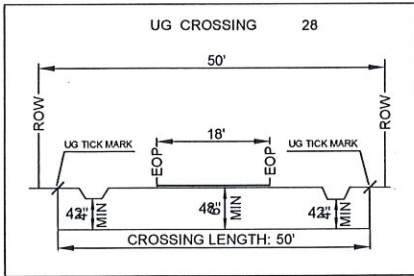
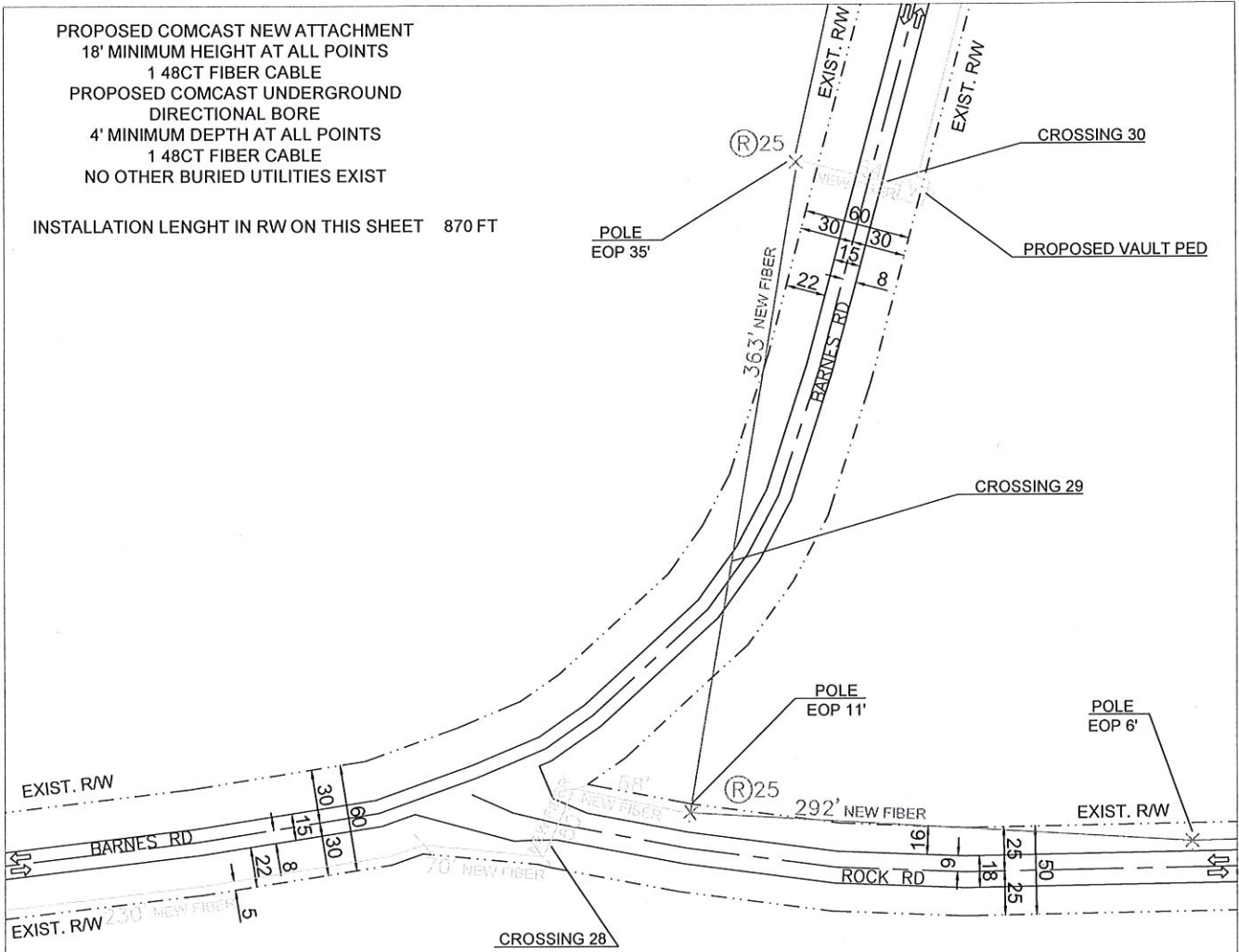
PREPARED BY: 	EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN	RIGHT OF WAY LINE IRRIGATION LINE WATER LAINE GAS LAINE PROPOSED ANCHOR PROPOSED RISER	PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE		ENGINEERED FOR: 	MADISON COUNTY BARNES 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 32 OF 39			

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 870 FT

MATCH SHEET 32

MATCH SHEET 36



NO MATCH SHEET

PREPARED BY: 	EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MAIN/HOLE 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 BARNES RD, ROCK 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 33 OF 39

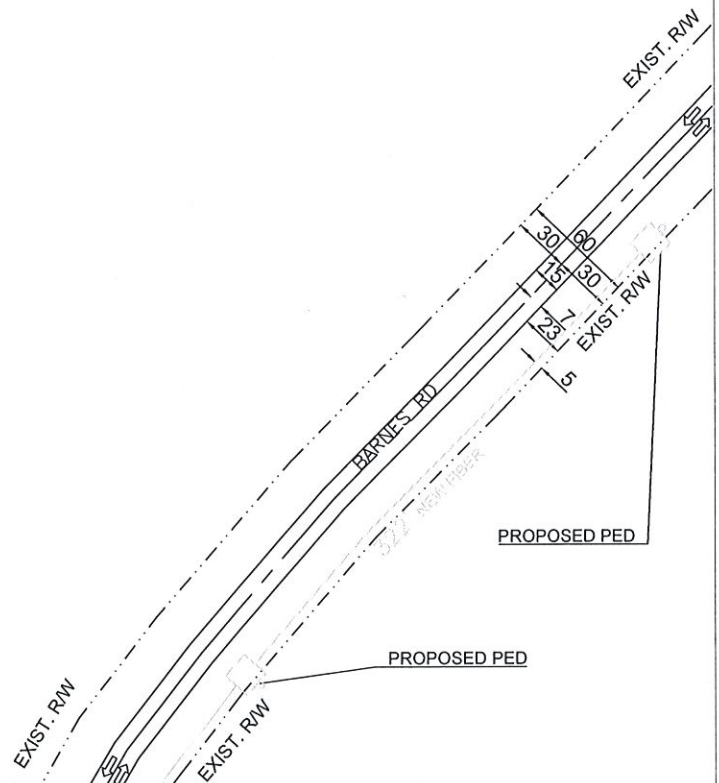
NO MATCH SHEET

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 322 FT

NO MATCH SHEET

NO MATCH SHEET



MATCH SHEET 34

PREPARED BY: 	EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MAIN-HOLE 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 BARNES 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 35 OF 39			

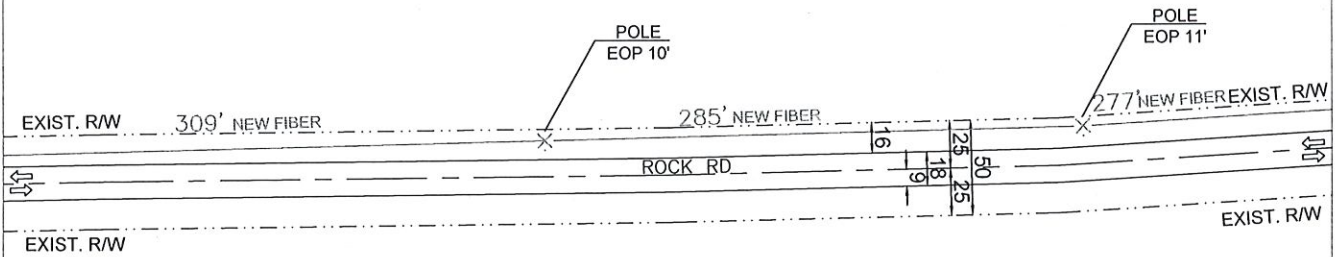
NO MATCH SHEET

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

INSTALLATION LENGTH IN RW ON THIS SHEET 871 FT

MATCH SHEET 33

MATCH SHEET 37



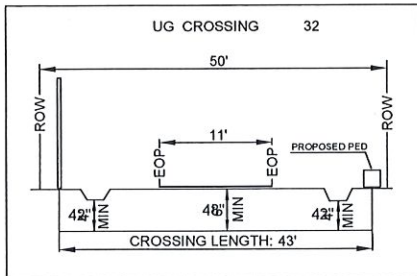
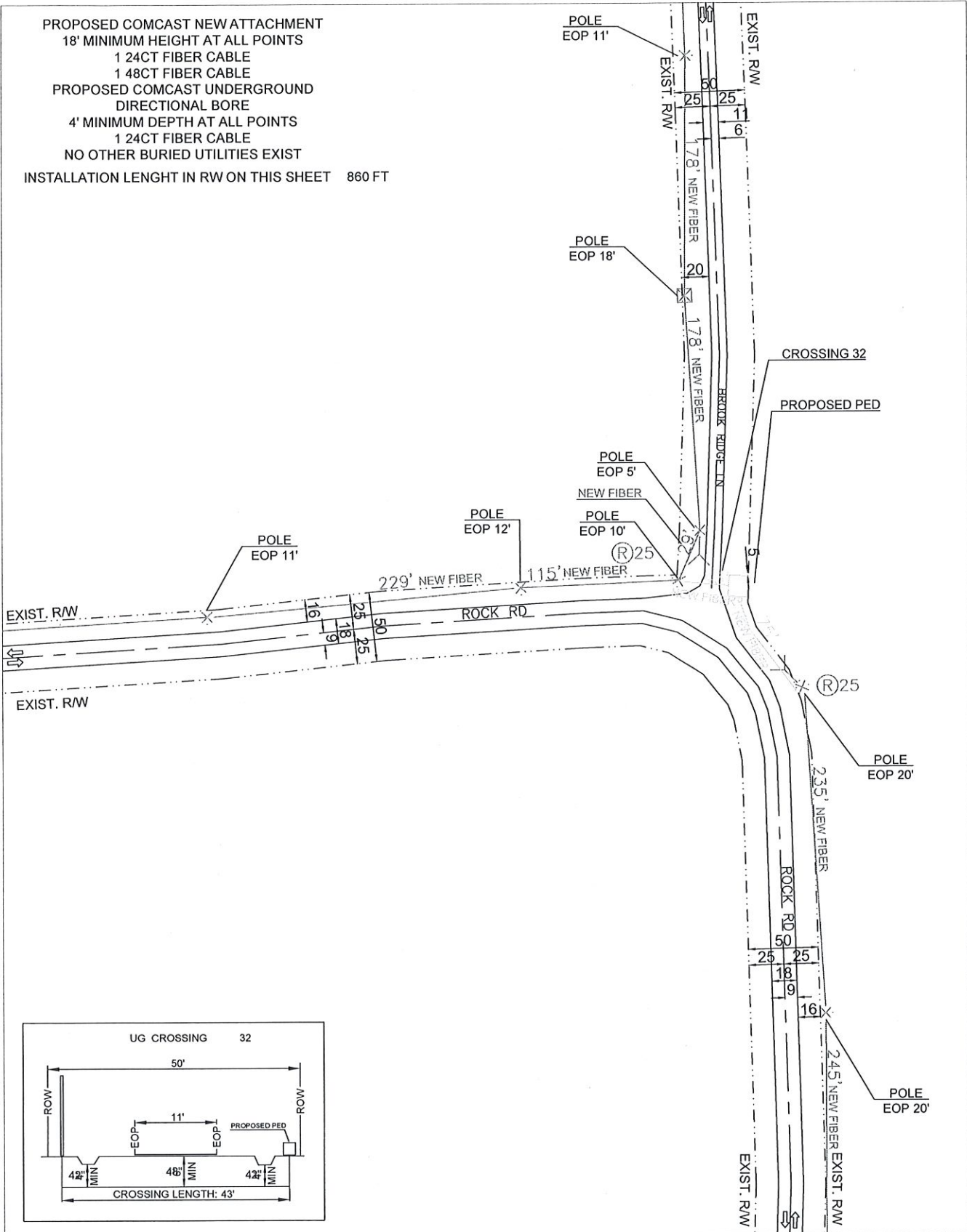
NO MATCH SHEET

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 (R) 25	PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE		ENGINEERED FOR: 	MADISON COUNTY ROCK 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 36 OF 39			

PROPOSED COMCAST NEW ATTACHMENT
 18' MINIMUM HEIGHT AT ALL POINTS
 1 24CT FIBER CABLE
 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 860 FT

MATCH SHEET 36

NO MATCH SHEET



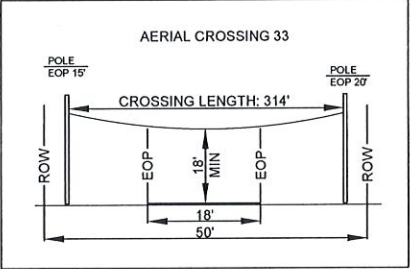
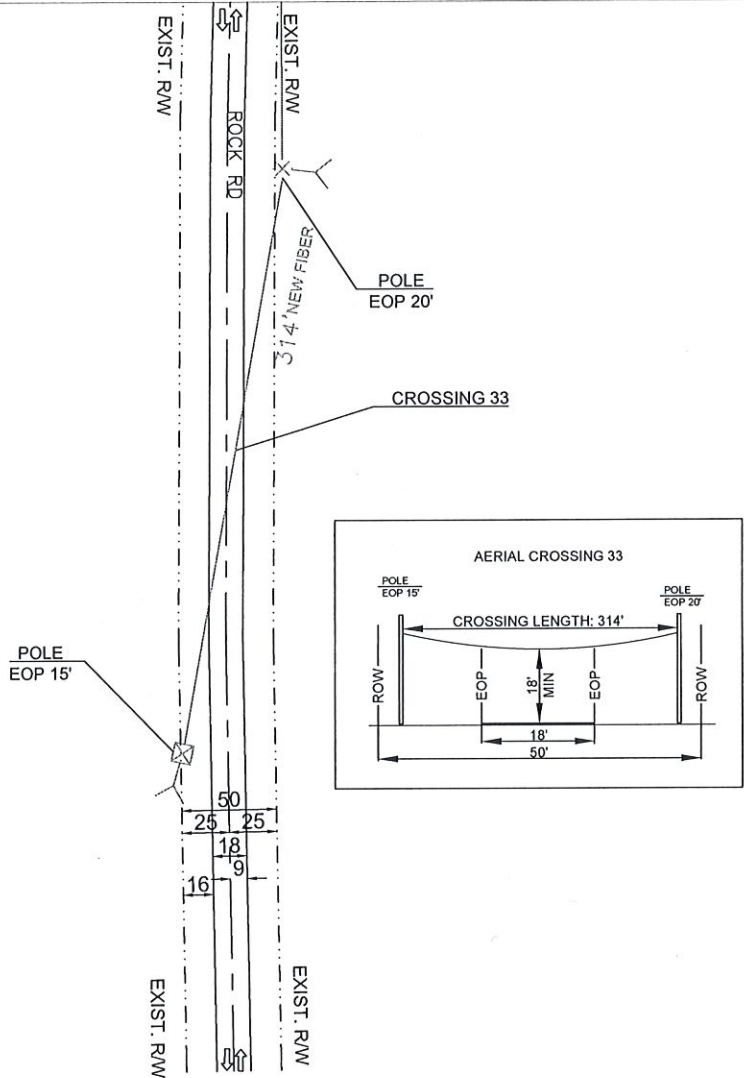
MATCH SHEET 39=8

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 ROCK RD, BROOK RIDGE LN TRANSPORT FIBER		NO SCALE	SHEET 37 OF 39
	QUASAR, INC.	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 SOODED					

MATCH SHEET 37

PROPOSED COMCAST NEW ATTACHMENT
 18' MINIMUM HEIGHT AT ALL POINTS
 1 24CT FIBER CABLE

INSTALLATION LENGTH IN RW ON THIS SHEET 280 FT



NO MATCH SHEET

NO MATCH SHEET

NO MATCH SHEET

PREPARED BY: 	EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MAINHOLE 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 ROCK RD TRANSPORT FIBER
						NO SCALE SHEET 38 OF 39

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 SOCCDED

NO MATCH SHEET

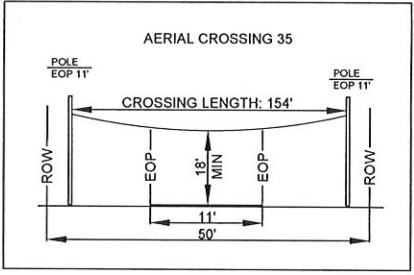
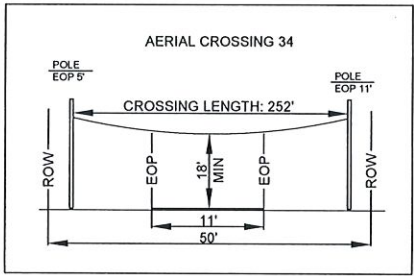
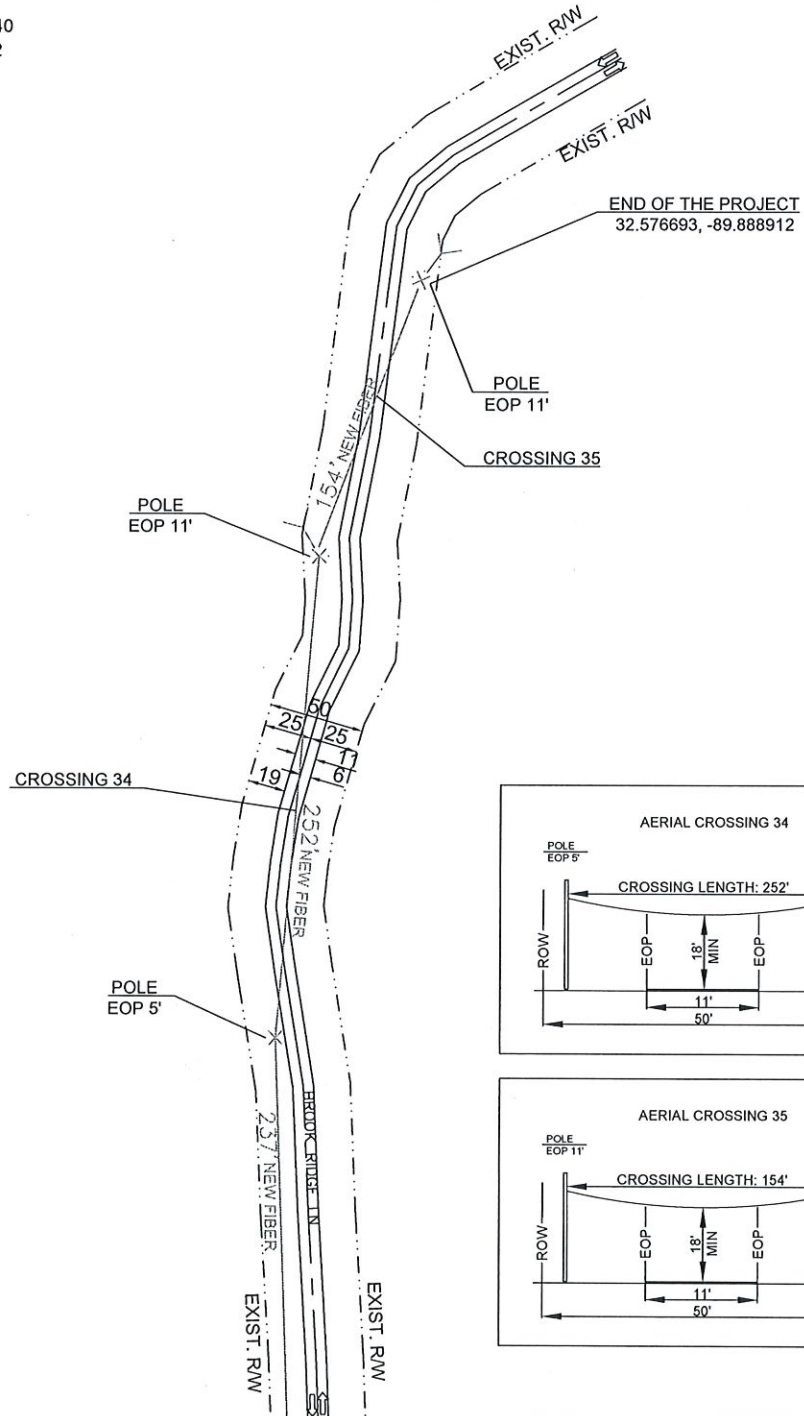
PROPOSED COMCAST NEW ATTACHMENT
 18' MINIMUM HEIGHT AT ALL POINTS
 1 24CT FIBER CABLE

INSTALLATION LENGTH IN RW ON THIS SHEET 643 FT

TOTAL INSTALLATION LENGTH 28390 FT
 AERIAL: 7118 FT
 UG: 21272 FT
 START 32.571180, -89.928240
 END 32.576693, -89.888912

NO MATCH SHEET

NO MATCH SHEET



MATCH SHEET 37

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 BROOK RIDGE LN 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 39 OF 39	