

BOARD OF SUPERVISORS

MADISON COUNTY, MISSISSIPPI

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

3137 South Liberty Street, Canton, MS 39046
Office (601) 855-5582 FAX (601) 859-5857

MEMORANDUM

September 11, 2026

To: Casey Brannon, 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: AT&T Utility Permit
County Road Name, Sunset Circle

The Engineering Department recommends approval for AT&T to to bore under Cross Creek Drive with 1-4" conduit approximately ft from teh centerline of Twin Cedars Dr.

CASEY BRANNON
District One

TREY BAXTER
District Two

GERALD STEEN
District Three

KARL M. BANKS
District Four

PAUL GRIFFIN
District Five



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

Utility Information: Utility Name: _____

Address: _____ City/State/Zip: _____

Contact Person: _____ Contact's Phone: _____

Project Information: County Road Name: _____

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

Beginning Location: _____ Ending Location: _____

Length of Project: _____ Section: _____ Township: _____ Range: _____

Description of Work: _____

☐ 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 10th day of September, 2026.

By: Dominique Brown
(Applicant Signature)

Title: Permit Coordinator

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 Tim Bryan at 3:21 pm, Sep 16, 2026

By:

Tim Bryan, P.E.
County Engineer

AGREED TO AND APPROVED BY:

Date:

Madison County Board President

ENTERED INTO THE MINUTES OF THE BOARD OF SUPERVISORS OF MADISON COUNTY, MISSISSIPPI ON THIS
____ DAY OF _____, 20____.

Appendix 1

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: _____

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: _____

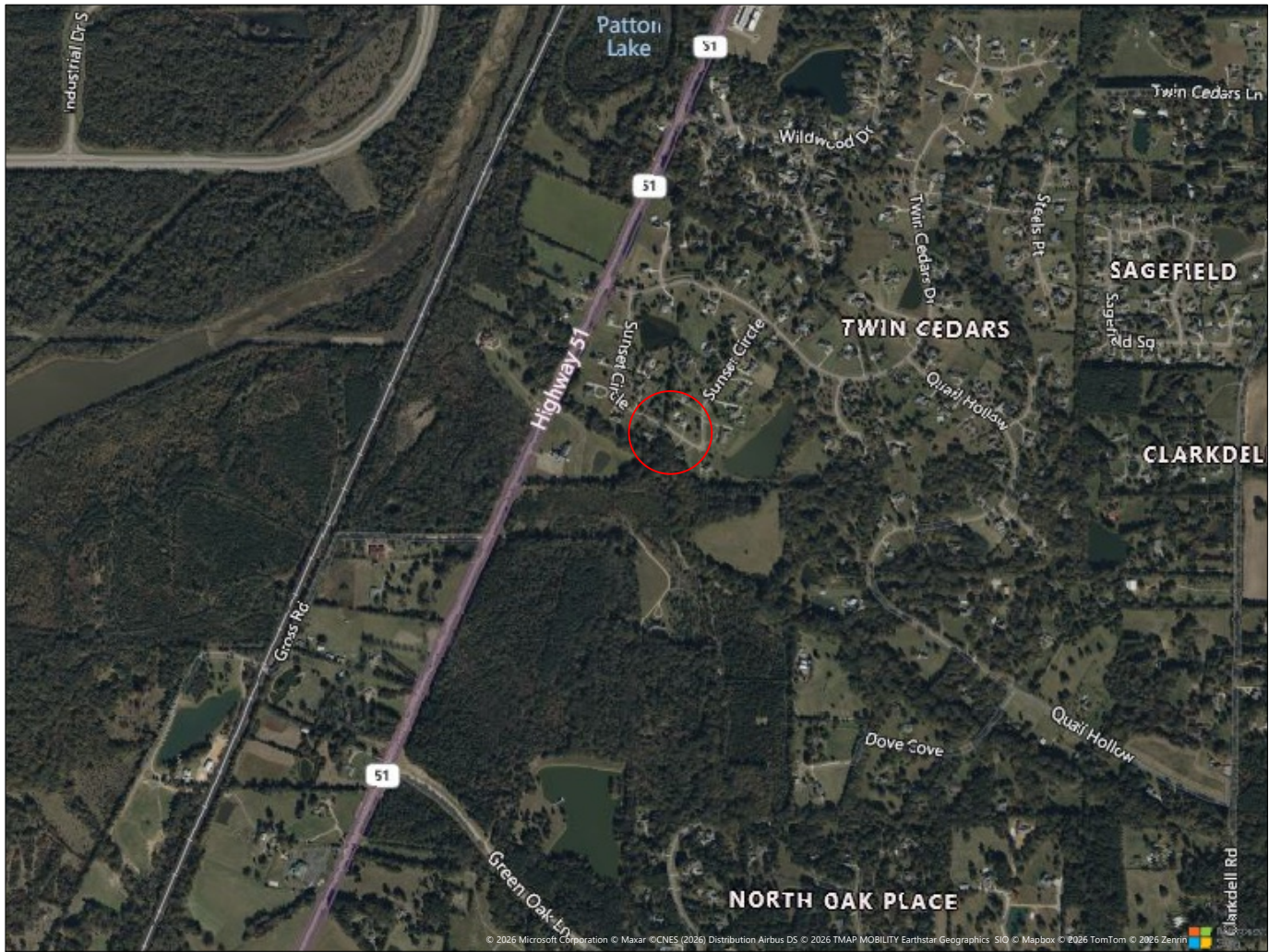
County Road Name: _____

Beginning Location: _____ Ending Location: _____

Length of Project: _____ Section: _____ Township: _____ Range: _____

Description of Work: _____

LOCATION MAP N.T.S.



STATE OF MISSISSIPPI
MADISON COUNTY
FIBER BUILD

PROJECT:
212 SUNSET CIR

SHEET INDEX

NO.	DESCRIPTION
01 OF 3	COVER SHEET
02 OF 3	PLAN VIEW
03 OF 3	BORE TYPICALS

FOOTAGE DATA PERMIT

PROP. BURIED FIBER 64'

JOB DESCRIPTION:

PROJECT BEGINS AT ROW 25' SOUTHWEST OF CL OF
SUNSET CIR & 1042' SOUTHEAST FROM CL OF TWIN
CEDARS DR.

BORE 64' ACROSS CROSS CREEK DR, PLACING (1)-4" CONDUIT.

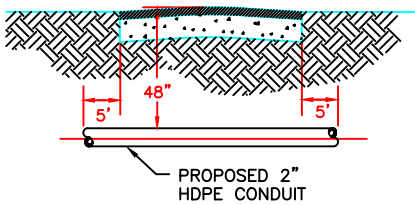
PROJECT ENDS AT ROW 25' NORTHEAST OF CL OF
SUNSET CIR & 993' SOUTHEAST FROM CL OF TWIN
CEDARS DR.

LINETYPES

—	GUARD RAIL
— GAS	GAS
— PWR	POWER
— U/G CATV	U/G CATV
— STLT	STREET LIGHT
— SD	STORM DRAIN
— SWR	SEWER
— TELE	TELEPHONE
—	TRAFFIC SIGNAL
— W	WATER
— FOC	MISC U/G UTILITY
—	PROPOSED U/G FIBER
—	PROPOSED AERIAL FIBER
—	PROPOSED AERIAL CATV
— C/L	CENTERLINE
— EOP	EDGE OF PAVEMENT
— BOC	BACK OF CURB
— R/W	RIGHT OF WAY

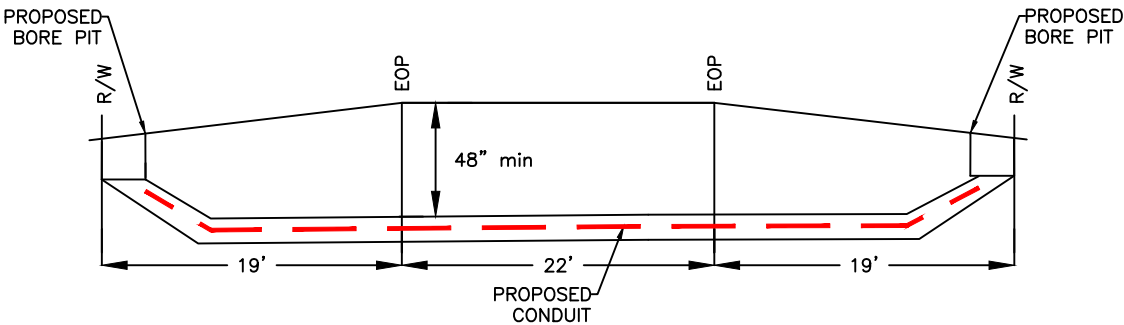
SYMBOLS

○	LIGHT POLE
⊗	POWER TRANSFORMER POLE
⊗	JOINT USE TRANSFORMER POLE
○	PHONE POLE
●	CATV POLE
⊙	STEEL POLE
⊙	CONCRETE POLE
⊗	JOINT USE POLE
⊗	RISER
⊗	STREET LIGHT
⊗	ANCHOR
⊗	OVERHEAD GUY
⊗	CATV FIBER VAULT
⊗	ELECTRIC VAULT
⊗	TRAFFIC SIGNAL POLE
⊗	TRAFFIC SIGNAL BOX
⊗	STORM DRAIN
⊗	4'x4'x4' BORE PIT



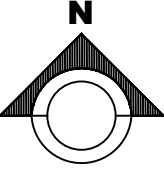
TYPICAL DRIVEWAY
BORE
N.T.S.

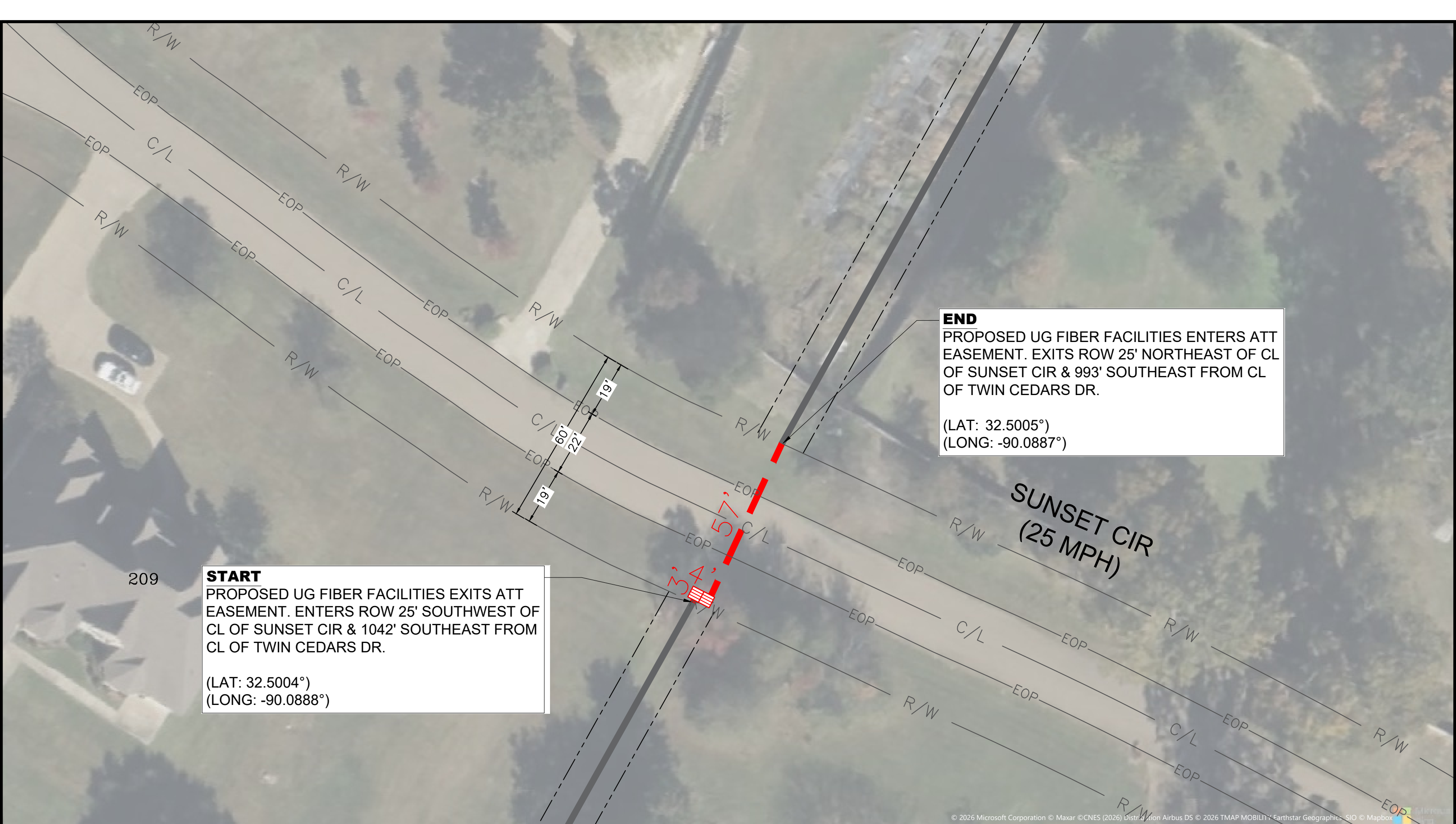
TYPICAL
CROSS SECTION



UNDERGROUND CABLE CONSTRUCTION
COVER SHEET

SCALE : NTS	SHEET NUMBER 1 OF 3
DATE : 9/8/2026	LOCATION: 212 SUNSET CIR
DRAFTER : TRUENET-DS	PERMITTING AGENCY: MADISON COUNTY
JOB#: A05BSMR	PROJECT: AT&T LONG DISTANCE DESIGN MS DESIGN & ENGINEERING





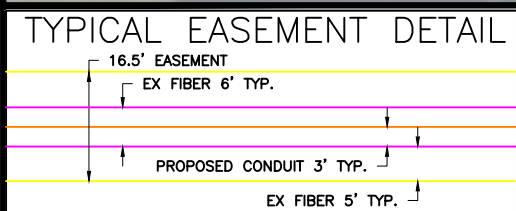
START
PROPOSED UG FIBER FACILITIES EXITS ATT EASEMENT. ENTERS ROW 25' SOUTHWEST OF CL OF SUNSET CIR & 1042' SOUTHEAST FROM CL OF TWIN CEDARS DR.

(LAT: 32.5004°)
(LONG: -90.0888°)

END
PROPOSED UG FIBER FACILITIES ENTERS ATT EASEMENT. EXITS ROW 25' NORTHEAST OF CL OF SUNSET CIR & 993' SOUTHEAST FROM CL OF TWIN CEDARS DR.

(LAT: 32.5005°)
(LONG: -90.0887°)

**SUNSET CIR
(25 MPH)**



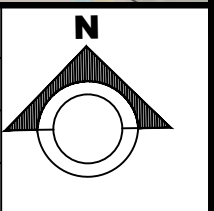
FOR CONSTRUCTION ONLY
REFERENCE: SEGMENT 1
JACKSON TO MADISON
Construction Print - 7-24-26

SHEET: RD117
STA: 732+18 to 732+69

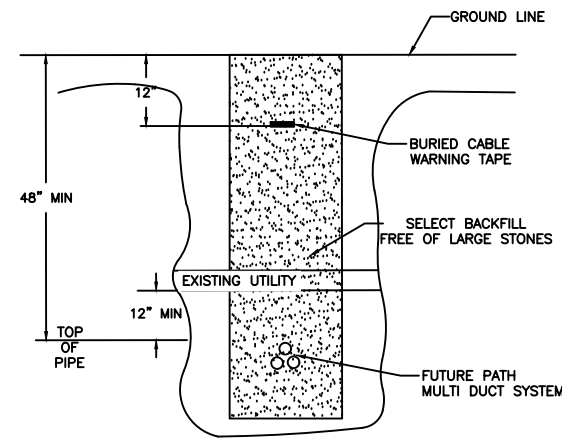
UNDERGROUND CABLE CONSTRUCTION

PLAN VIEW

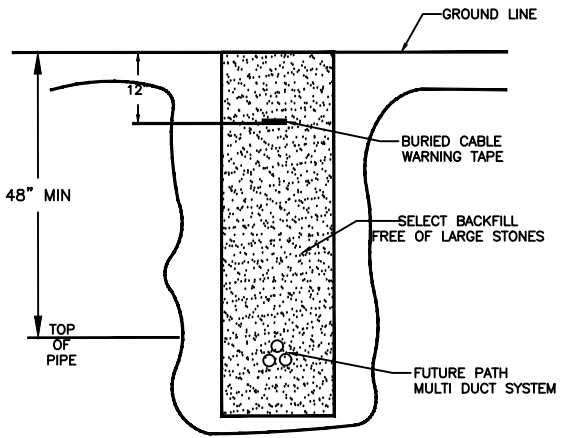
SCALE : 1"=30'	SHEET NUMBER 2 OF 3
DATE : 9/8/2026	LOCATION: 212 SUNSET CIR
DRAFTER : TRUENET-DS	PERMITTING AGENCY: MADISON COUNTY
JOB#: A05BSMR	PROJECT: AT&T LONG DISTANCE DESIGN MS DESIGN & ENGINEERING



DETAIL
HAND DIG w/UTILITY
UNDER EARTH OR GRAVEL
NTS

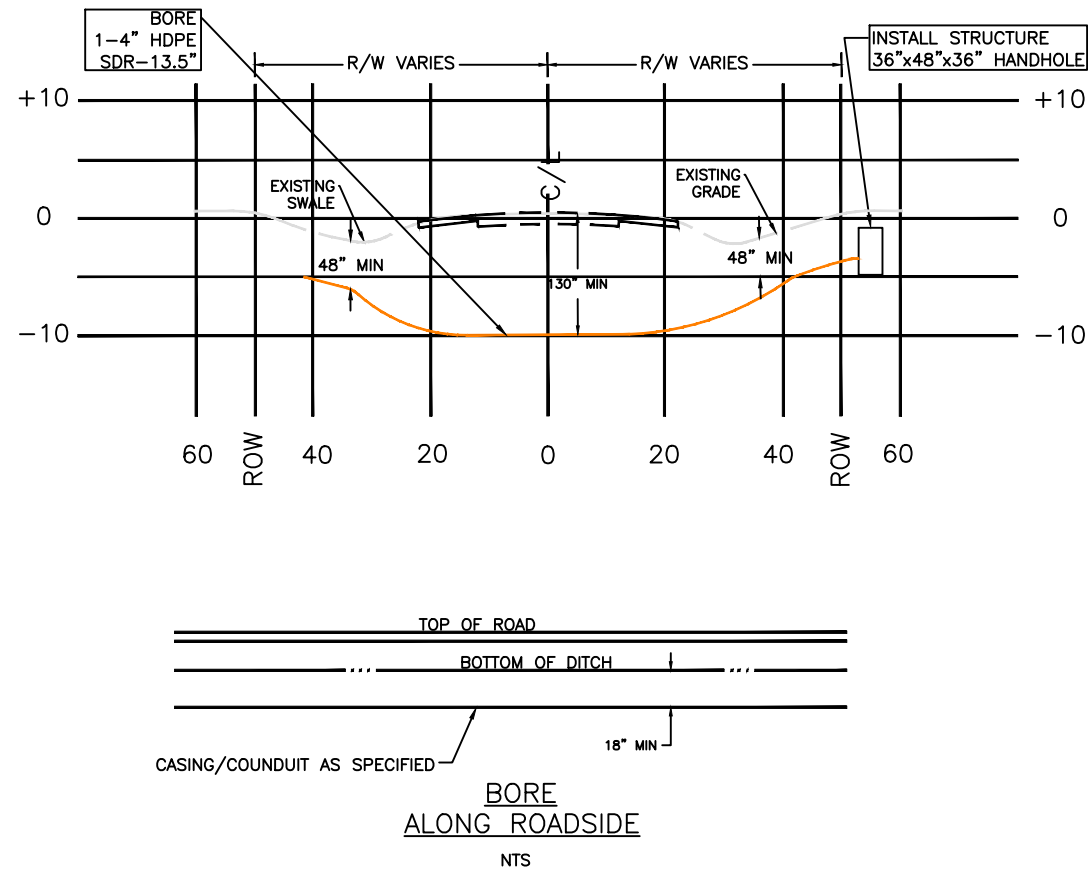


DETAIL
HAND DIG CONDUIT
UNDER EARTH OR GRAVEL
NTS

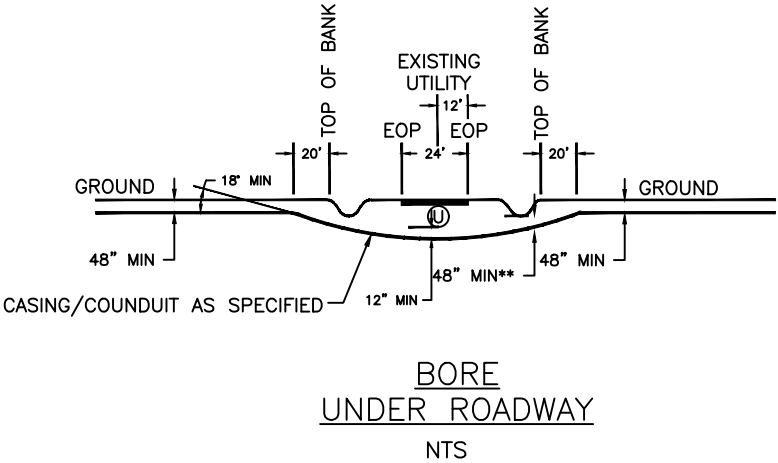
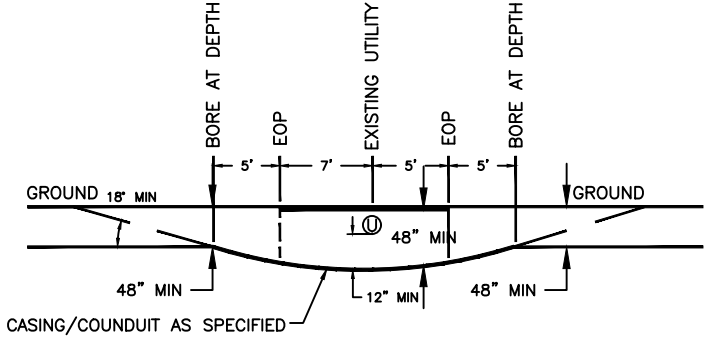


BORE DETAILS

ROAD BORE PROFILE
***RIGHT OF WAY VARIES



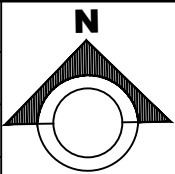
BORE DETAILS



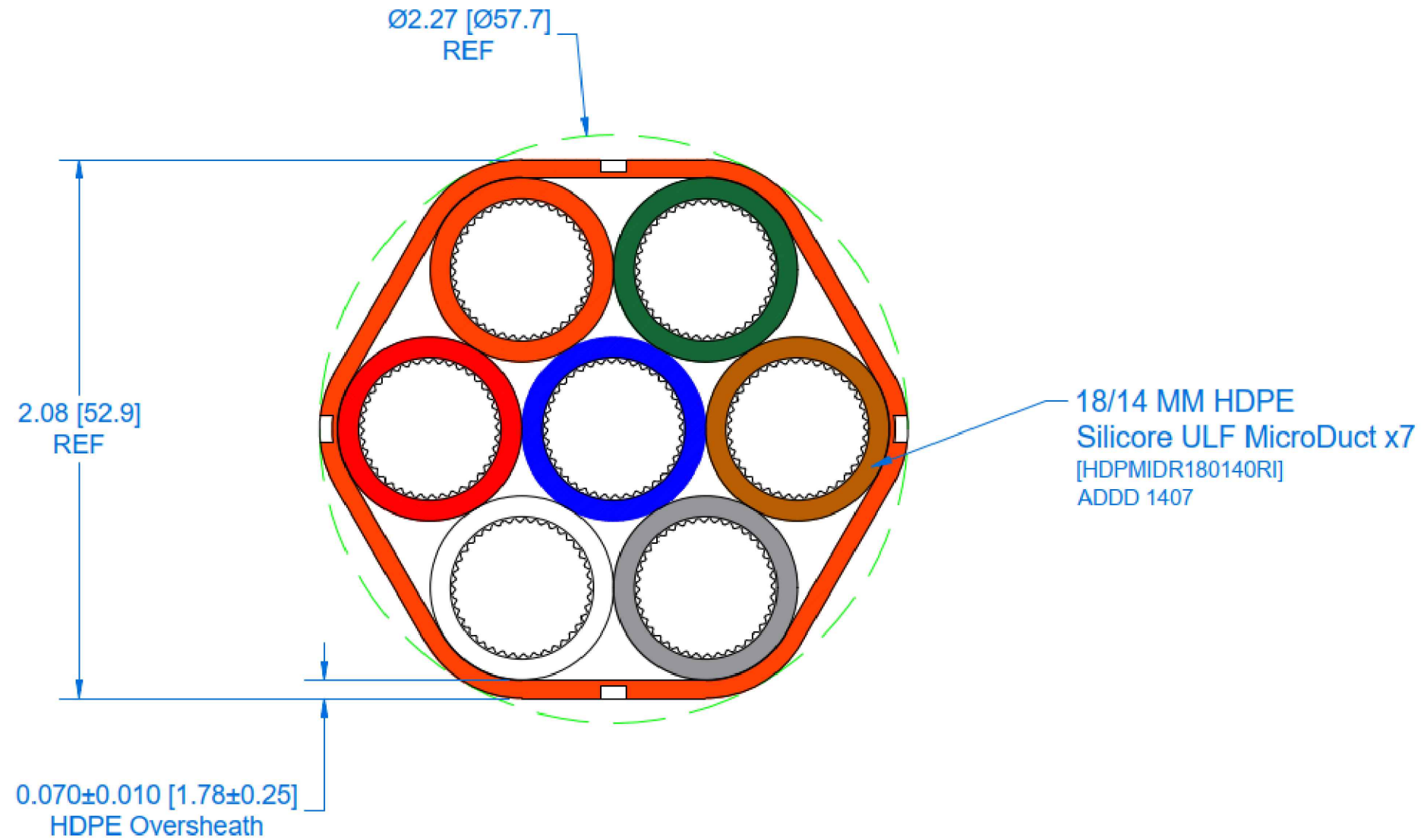
UNDERGROUND CABLE CONSTRUCTION

BORE TYPICALS

SCALE :	NTS	SHEET NUMBER	3 OF 3
DATE :	9/8/2026	LOCATION:	212 SUNSET CIR
DRAFTER :	TRUENET-DS	PERMITTING AGENCY:	MADISON COUNTY
JOB#:	A05BSMR	PROJECT:	AT&T LONG DISTANCE DESIGN MS DESIGN & ENGINEERING



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Supported Bend Radius: 31" [787 mm]
Unsupported Bend Radius: 52" [1,321 mm]
Safe Pull Load: 3,522 lbs [1,599 kg]

MicroDuct weight = 0.462 lb/ft [687 g/m]
Oversheath weight = 0.194 lb/ft [288 g/m]
Total weight = 0.656 lb/ft [975 g/m]

REV	DATE	DESCRIPTION	APPROVED BY	DRAWING TITLE: FuturePath 18/14 MM x7 w/ HDPE 0.070" Sheath			
				DRAWING: Angela Gizelar	PART #:	UNITS: INCH [MM]	DRAWING #: ADDD 2427
				DESIGN: 26-02-002	NOTES: -	APPROVAL: Refer to Dura-Line portal	D-DD-FORM-017 dura-line orbia
				DATE: Feb 12, 2026			

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Ripcord x2
(Optional)

2.12 [53.9]
REF

12 AWG
Insulated
Copper
Wire

0.050±0.010 [1.3±0.3]
HDPE Oversheath

Ø2.27 [Ø57.8]
REF

22/18 MM HDPE
Silicore ULF MicroDuct x3
[HDPMIDR220180RI]
ADDD 1756

14/10 MM HDPE
Silicore ULF MicroDuct x3
[HDPMIDR140100RI]
ADDD 1411

2.06 [52.2]
REF

Supported Bend Radius: 34" [864 mm]
Unsupported Bend Radius: 57" [1,448 mm]

Safe Pull Load: 2,898 lbs [1,315 kg]

MicroDuct weight = 0.399 lb/ft [593 g/m]
HDPE Oversheath weight = 0.132 lb/ft [196 g/m]

Total weight = 0.531 lb/ft [789 g/m]

REV	DATE	DESCRIPTION	APPROVED BY	DRAWING TITLE: FuturePath 22/18 x3 and 14/10 x3 MM with HDPE 0.050" Sheath			
A	10/10/2025	25-10-002	Angela Gizelar	DRAWING: Angela Gizelar	PART #:	UNITS: INCH [MM]	DRAWING #: ADDD 2402
B	11/10/2025	25-11-001	Angela Gizelar	DESIGN: 25-09-003	NOTES: -	APPROVAL: Refer to Dura-Line portal	D-DD-FORM-017 dura-line orbia
				DATE: Sep 30, 2025			

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Rip cord x2
(Optional)

1.98 [50.3]
REF

0.050±0.010 [1.3±0.3]
HDPE Oversheath

Ø2.09 [Ø53.1]
REF

22/18 MM HDPE
Silicore ULF MicroDuct
[HDPMIDR220180RI]
ADDD 1756

14/10 MM HDPE
Silicore ULF MicroDuct x8
[HDPMIDR140100RI]
ADDD 1411

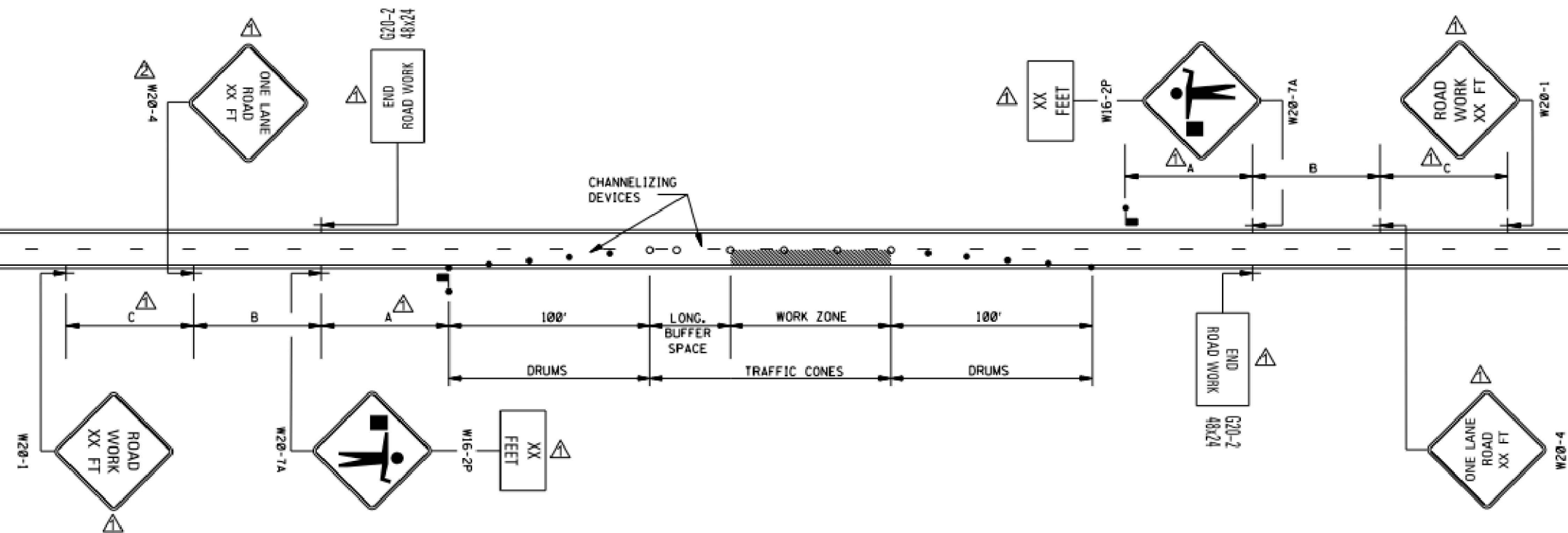
Supported Bend Radius: 31" [787 mm]
Unsupported Bend Radius: 52" [1,321 mm]

Safe Pull Load: 3,340 lbs [1,516 kg]

MicroDuct weight = 0.483 lb/ft [718 g/m]
HDPE Oversheath weight = 0.130 lb/ft [193 g/m]

Total weight = 0.613 lb/ft [911 g/m]

REV	DATE	DESCRIPTION	APPROVED BY	DRAWING TITLE: FuturePath 22/18 and 14/10 x8 MM with HDPE 0.050" Sheath			
A	9/30/2025	25-09-003	Angela Gizelar	DRAWING: Angela Gizelar	PART #:	UNITS: INCH [MM]	DRAWING #: ADDD 2395
B	10/1/2025	25-09-003	Angela Gizelar	DESIGN: NPR-0774	NOTES: -	APPROVAL: Refer to Dura-Line portal	D-DD-FORM-017 dura-line orbia
	2025	25-11-001	Angela Gizelar	DATE: Jul 31, 2025			



GENERAL NOTES:

1. THE LOCATION OF CHANNELIZING DEVICES AND THE WORK AREA LAYOUT SHALL BE BASED ON THE CRITERIA IN THE FOLLOWING TABLE. FLAGGER STATIONS SHALL BE LOCATED SUCH THAT APPROACHING VEHICLES WILL HAVE SUFFICIENT DISTANCE TO STOP. VALUES IN STOPPING SIGHT DISTANCE COLUMN MAY BE USED AS A MINIMUM FOR THIS DISTANCE.

POSTED SPEED AND/OR DESIGN SPEED AND/OR ANTICIPATED OPERATING SPEED	MAXIMUM CHANNELIZING DEVICE SPACING (ft)		LONGITUDINAL BUFFER SPACE (ft)	STOPPING SIGHT DISTANCE
	TAPER	ALONG LANE LINE & WORK ZONE		
mph				
25	20	50	55	155
30	20	60	85	200
35	20	70	120	250
40	20	80	170	305
45	20	90	220	360
50	20	100	280	425
55	20	110	335	495
60	20	120	415	570
65	20	130	485	645

† NOTE: BUFFER SPACE MAY BE ADJUSTED AS NEEDED ACCORDING TO ROADWAY GEOMETRY TO MEET SIGHT DISTANCE REQUIREMENTS, AS DIRECTED BY THE ENGINEER.

2. ALL CHANNELIZING DEVICES SHALL BE A MINIMUM OF 28" IN HEIGHT.
3. DIAMOND SHAPED TRAFFIC CONTROL SIGNS SHALL BE A MINIMUM OF 36" x 36" AND BLACK COPY ON FLUORESCENT ORANGE SHEETING.
4. WHEN WORK ZONE IS NO LONGER NEEDED, ALL SIGNS SHALL BE COVERED OR REMOVED AND ALL CHANNELIZING DEVICES SHALL BE MOVED TO THE SHOULDER EDGE.
5. ADDITIONAL FLAGGERS MAY BE NEEDED AS DIRECTED BY THE ENGINEER.
6. WHEN WORK IS REQUIRED AT NIGHT, FLAGGER STATIONS SHALL BE ILLUMINATED EXCEPT IN EMERGENCIES.
7. CHANNELIZING DEVICE TYPES FOR:
A. APPROACH AND EXIT TAPERS- RETROREFLECTIVE PLASTIC DRUMS
B. ALONG LANE LINE AND WORK ZONE- TRAFFIC CONES (28" HEIGHT)
8. ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET WILL NOT BE MEASURED FOR SEPARATE PAYMENT. THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR MAINTENANCE OF TRAFFIC.
9. AN OPTIONAL FLAGGER (W20-7A) WORD MESSAGE IS SHOWN IN THE "STANDARD HIGHWAY SIGNS" PUBLICATION.

LEGEND

- FLAGGER
- RETROREFLECTIVE FREE-STANDING PLASTIC DRUMS
- TRAFFIC CONES (28" HEIGHT MINIMUM)

DISTANCE BETWEEN SIGNS

ROAD TYPE	A	B	C
URBAN (35 MPH OR LESS)	100 FT.	100 FT.	100 FT.
URBAN (40 - 70 MPH)	350 FT.	350 FT.	350 FT.
RURAL	500 FT.	500 FT.	500 FT.
EXPRESSWAY / FREEWAY	1000 FT.	1500 FT.	2640 FT.

STN	BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN
REMOVED "AHEAD"	REVISION	TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)
DATE	ISSUE DATE:	4/22/20 12/11/25 AUGUST 01, 2017
WORKING NUMBER	SHEET NUMBER	TCP-1 6351