

# **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 9, 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, Twin Cedars Drive

The Engineering Department recommends approval for AT&T to begin 300' East of Roberts Drive and bore 145' across Twin Cedars Drive placing (1)-4" conduit.

---

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 8th 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 3:22 pm, Sep 16, 2026

By: \_\_\_\_\_  
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: \_\_\_\_\_

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: \_\_\_\_\_

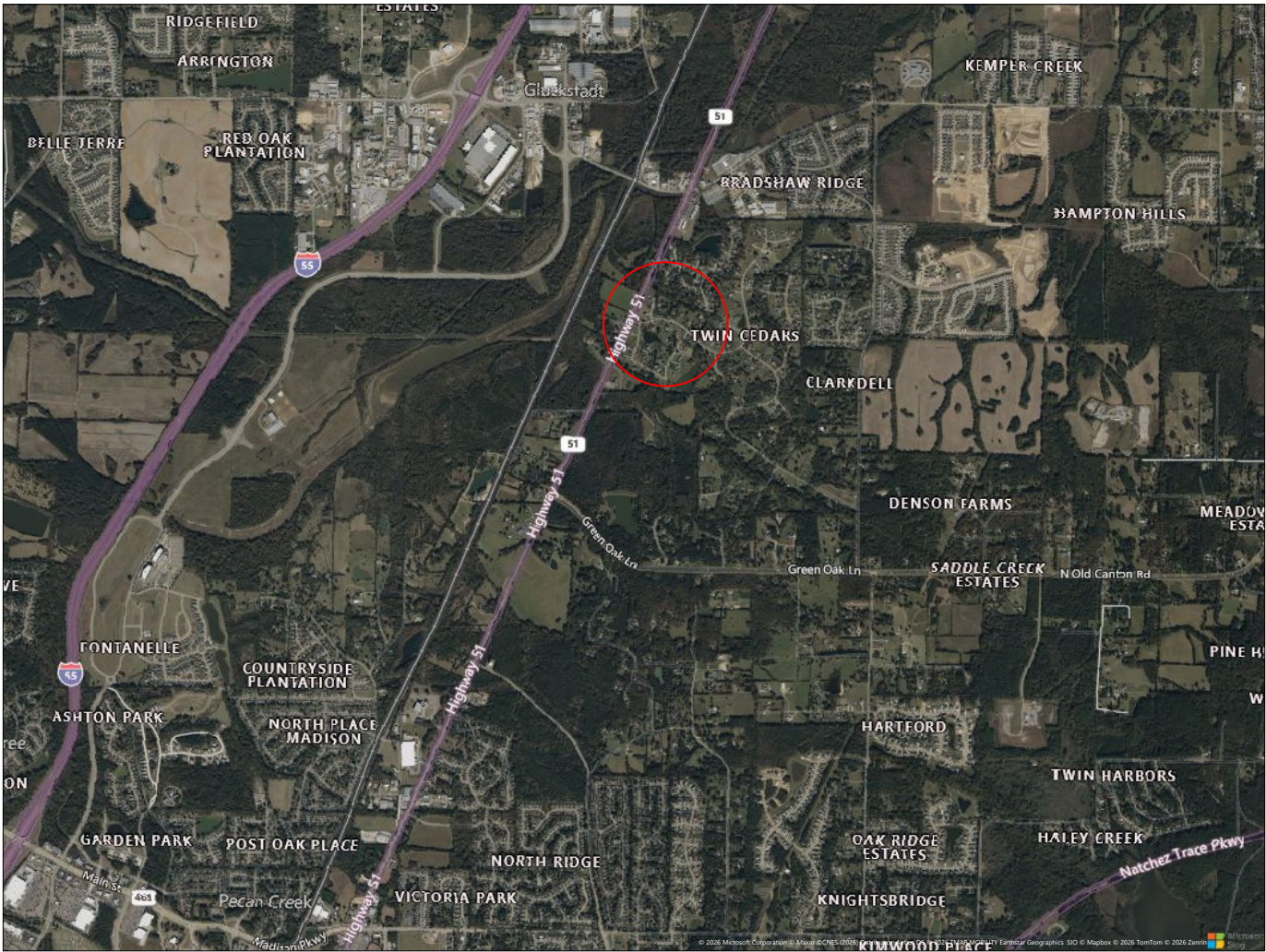
Beginning Location: \_\_\_\_\_ Ending Location: \_\_\_\_\_

Length of Project: \_\_\_\_\_ Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_

Description of Work: \_\_\_\_\_

\_\_\_\_\_

LOCATION MAP N.T.S.



CROSSING PERMIT  
MADISON COUNTY  
FIBER BUILD

PROJECT:  
507 TWIN CEDARS DR

SHEET INDEX

| NO.      | DESCRIPTION  |
|----------|--------------|
| 01 OF 03 | COVER SHEET  |
| 02 OF 03 | PLAN VIEW    |
| 03 OF 03 | BORE TYPICAL |

| FOOTAGE DATA PERMIT |      |
|---------------------|------|
| PROP. BURIED FIBER  | 145' |

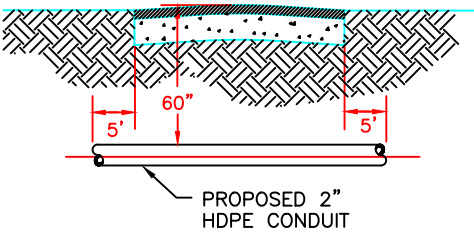
JOB DESCRIPTION:

PROJECT BEGINS AT 300' EAST OF ROBERTS DR.

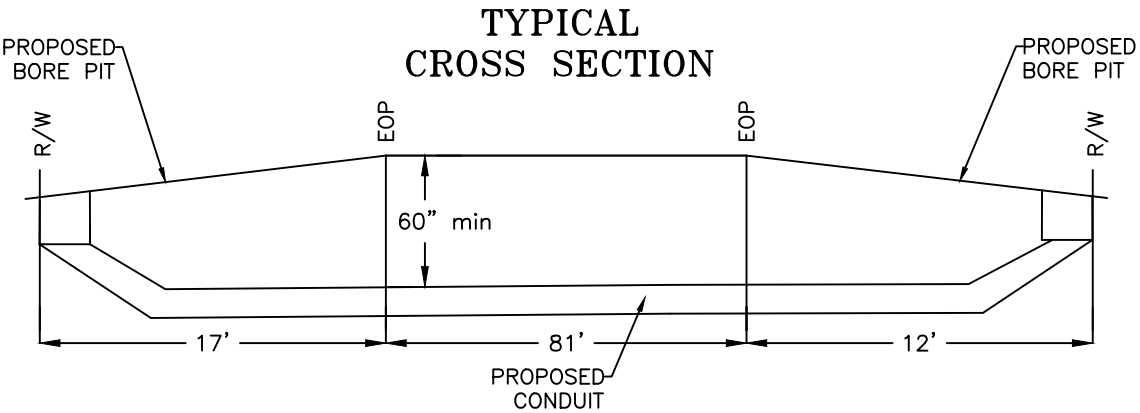
BORE 145' ACROSS TWIN CEDARS DR, PLACING (1)-4" CONDUIT.

PROJECT ENDS AT 342' EAST OF ROBERTS DR.

| LINETYPES |                       | SYMBOLS |                            |
|-----------|-----------------------|---------|----------------------------|
|           | PROPOSED BORE         |         | LIGHT POLE                 |
|           | GUARD RAIL            |         | POWER TRANSFORMER POLE     |
|           | GAS                   |         | JOINT USE TRANSFORMER POLE |
|           | PWR                   |         | PHONE POLE                 |
|           | U/G CATV              |         | CATV POLE                  |
|           | STLT                  |         | STEEL POLE                 |
|           | SD                    |         | CONCRETE POLE              |
|           | SWR                   |         | JOINT USE POLE             |
|           | TELE                  |         | RISER                      |
|           | TRAFFIC SIGNAL        |         | STREET LIGHT ANCHOR        |
|           | W                     |         | OVERHEAD GUY               |
|           | FOC                   |         | CATV FIBER VAULT           |
|           | MISC U/G UTILITY      |         | ELECTRIC VAULT             |
|           | PROPOSED U/G CATV     |         | TRAFFIC SIGNAL POLE        |
|           | PROPOSED AERIAL FIBER |         | TRAFFIC SIGNAL BOX         |
|           | PROPOSED AERIAL CATV  |         | STORM DRAIN                |
|           | CENTERLINE            |         | BORE PIT                   |
|           | EDGE OF PAVEMENT      |         |                            |
|           | BACK OF CURB          |         |                            |
|           | RIGHT OF WAY          |         |                            |

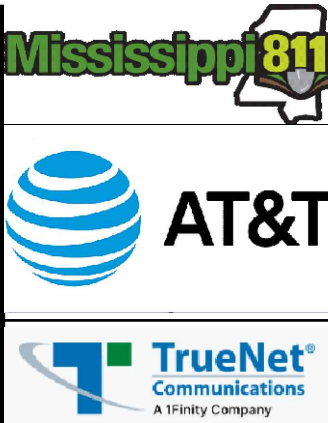
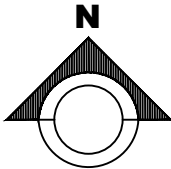


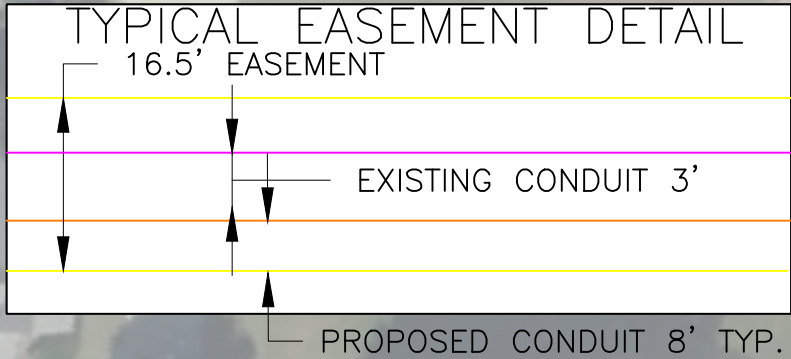
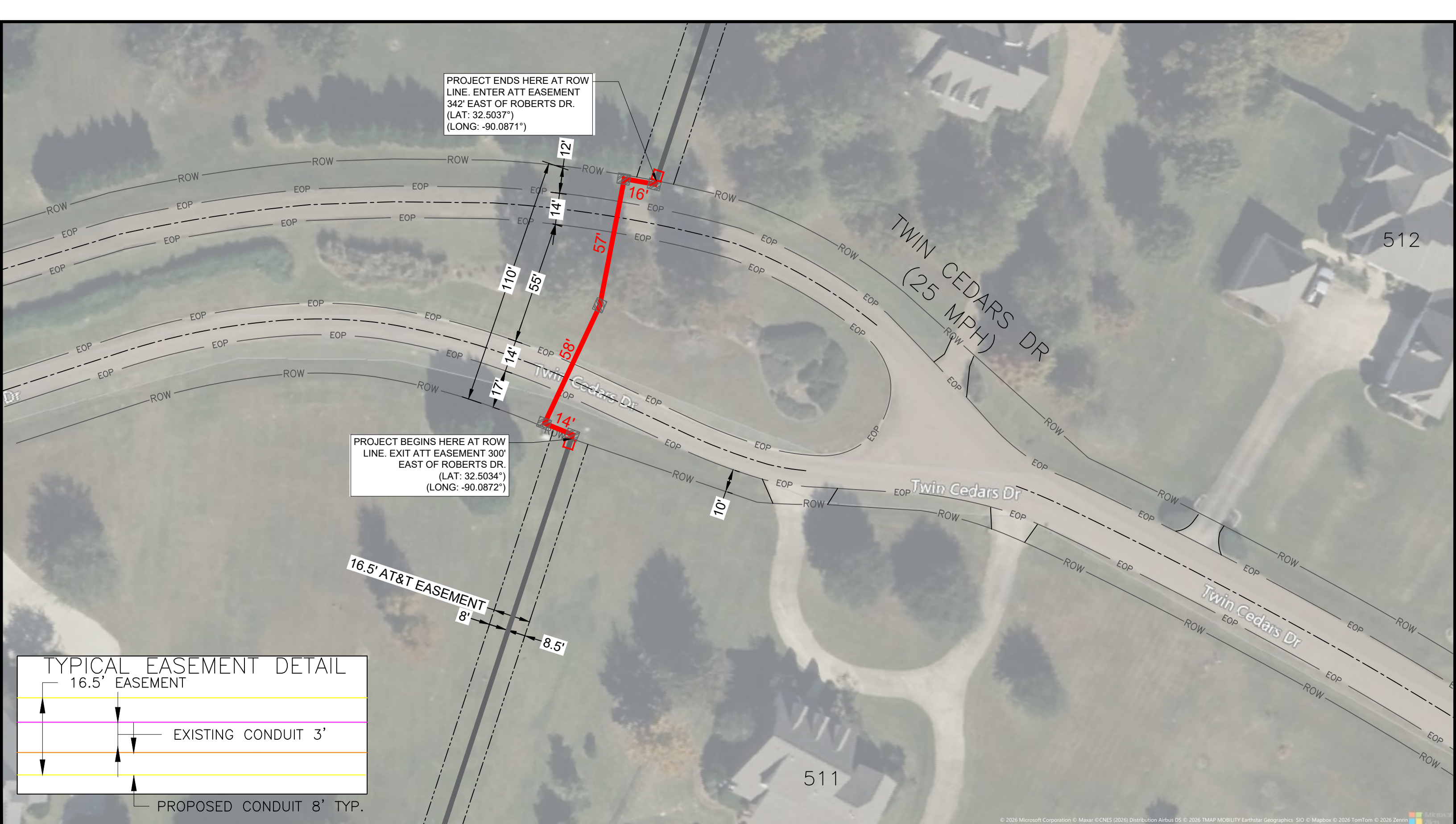
TYPICAL DRIVEWAY  
DIRECTIONAL BORE  
N.T.S.



UNDERGROUND CABLE CONSTRUCTION  
COVER SHEET

|              |          |                    |                    |
|--------------|----------|--------------------|--------------------|
| SCALE :      | NTS      | SHEET NUMBER       | 01 OF 03           |
| DATE :       | 9/3/2026 | LOCATION:          | 507 TWIN CEDARS DR |
| TRACKING # : | DS       | PERMITTING AGENCY: | MADISON COUNTY     |
| ---          |          | PROJECT:           | A05BSMR            |



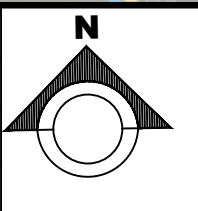


**\*FOR CONSTRUCTION ONLY\***  
REFERENCE:SEGMENT 1 JACKSON TO  
MADISON Construction Print - 7-24-26  
SHEET: RD135  
STA: 839+77 to 840+98

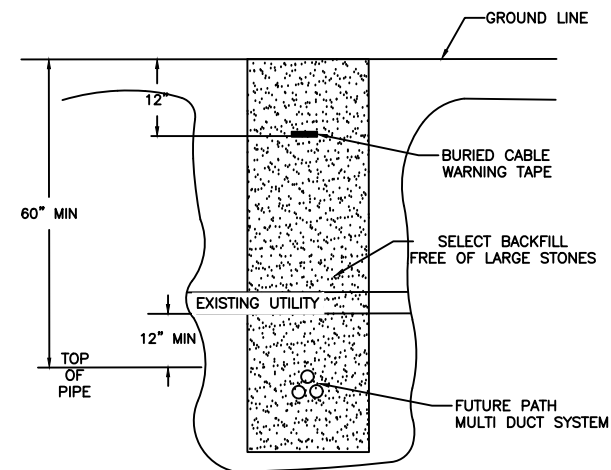
# UNDERGROUND CABLE CONSTRUCTION

## PLAN VIEW

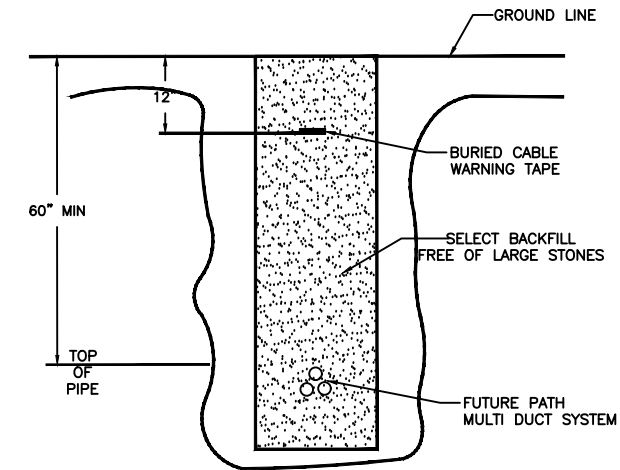
|                 |                                   |
|-----------------|-----------------------------------|
| SCALE : 1"=40'  | SHEET NUMBER 02 OF 03             |
| DATE : 9/3/2026 | LOCATION: 507 TWIN CEDARS DR      |
| TRACKING # : DS | PERMITTING AGENCY: MADISON COUNTY |
| ---             | PROJECT: A05BSMR                  |



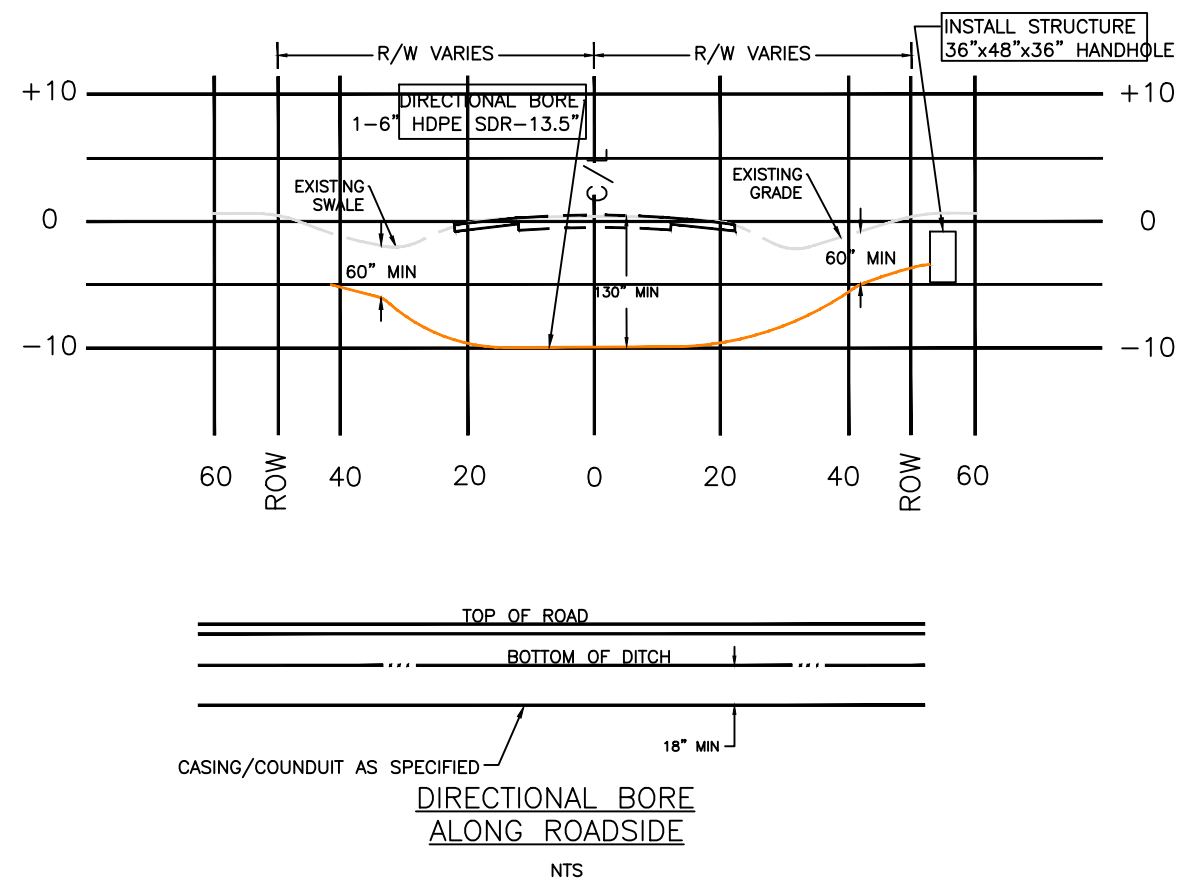
## NTS



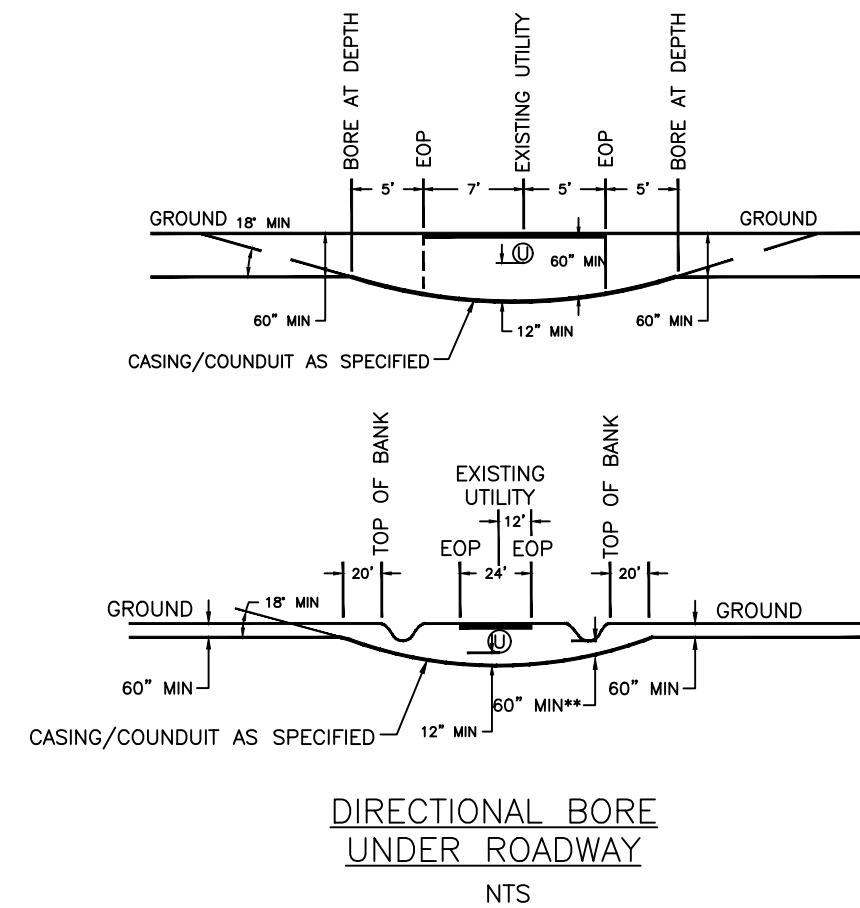
## NTS



\*\*\*RIGHT OF WAY VARIES



## DIRECTIONAL BORE DETAILS

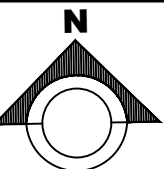


STA: 839+77 to 840+98

## PLAN VIEW

|          |         |
|----------|---------|
| PROJECT: | A05BSMR |
|----------|---------|



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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]

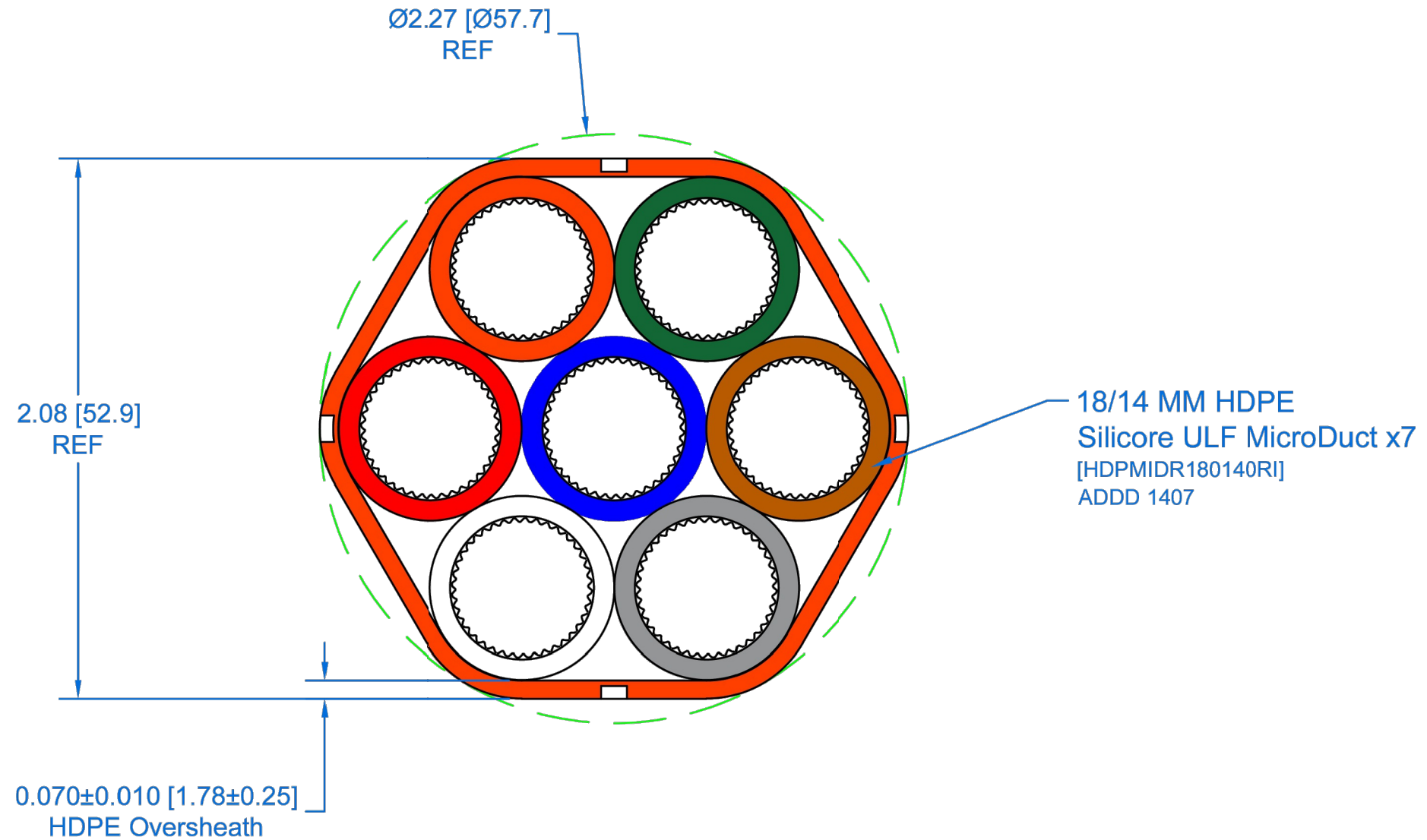
Safe Pull Load: 3,340 lbs [1,516 kg]

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:<br>Refer to Dura-Line portal | D-DD-FORM-017<br>dura-line orbia |
| C   | 11/10/2025 | 25-11-001   | Angela Gizelar | DATE: Jul 31, 2025                                                      |          |                                        |                                  |

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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:<br>Refer to Dura-Line portal | D-DD-FORM-017<br>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]

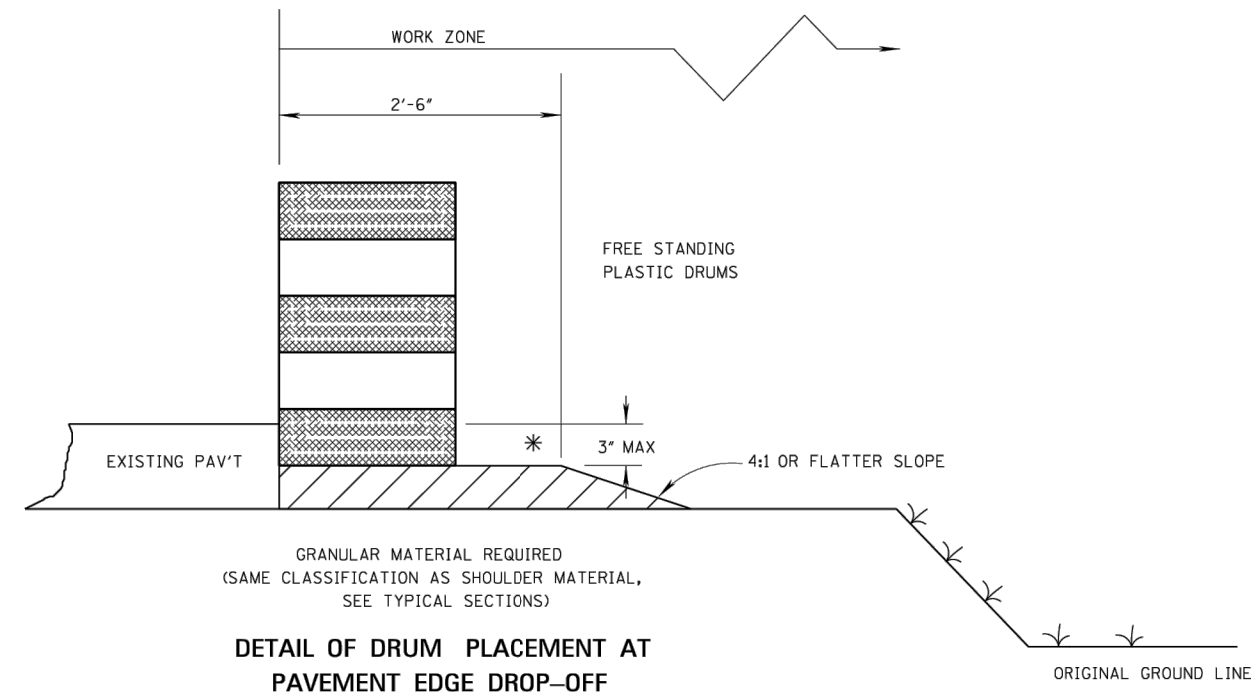
Safe Pull Load: 2,898 lbs [1,315 kg]

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:<br>Refer to Dura-Line portal | D-DD-FORM-017<br>dura-line orbia |
|     |            |             |                | DATE: Sep 30, 2025                                                         |          |                                        |                                  |



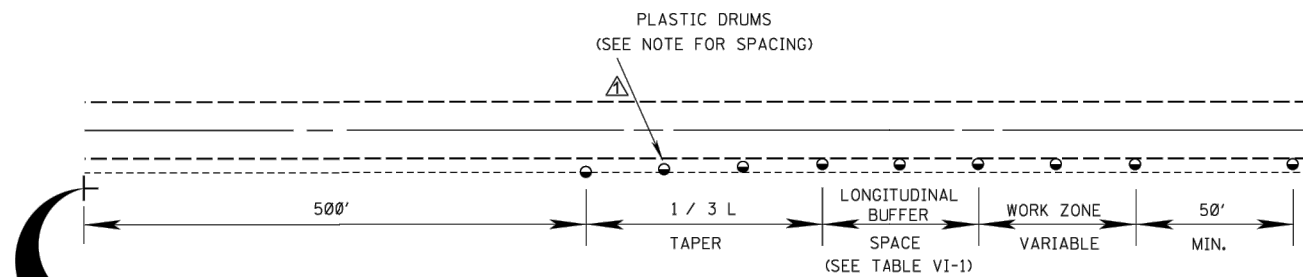
NOTES:

- \* A. PAVEMENT EDGE DROP-OFF
- IF LESS THAN TWO AND ONE QUARTER (2.25) INCHES-NO PROTECTION REQUIRED. PLACE A SHOULDER WORK SIGN (W21-5) 500 FEET IN ADVANCE OF WORK ZONE SHOULDER AND A LOW SHOULDER SIGN (W8-9) AT THE BEGINNING AND THROUGHOUT THE WORK ZONE @ (750'±O.C.).
  - TWO AND ONE QUARTER TO THREE INCHES-PLACE DRUMS, VERTICAL PANELS OR BARRICADES EVERY 100 FEET ON TANGENT SECTIONS FOR SPEEDS OF 50 MILES PER HOUR OR GREATER. CONES MAY BE USED IN PLACE OF DRUMS, PANELS, AND BARRICADES DURING DAYLIGHT HOURS. FOR TANGENT SECTIONS WITH SPEEDS LESS THAN 50 MILES PER HOUR AND FOR CURVES, DEVICES SHOULD BE PLACED EVERY 50 FEET. SPACING FOR TAPERS SHOULD BE IN ACCORDANCE WITH THE MUTCD (1 / 3 L, WHERE L IS THE TAPER LENGTH IN FEET.)
  - GREATER THAN THREE (3) INCHES-POSITIVE SEPARATION OR WEDGE WITH 4:1 OR FLATTER SLOPE NEEDED. IF THERE IS EIGHT (8) FEET OR MORE DISTANCE BETWEEN THE EDGE OF TRAVEL LANE AND DROP-OFF, THEN DRUMS, PANELS OR BARRICADES MAY BE USED.
  - FOR TEMPORARY CONDITIONS, DROP-OFFS GREATER THAN THREE (3) INCHES MAY BE PROTECTED WITH DRUMS, VERTICAL PANELS OR BARRICADES FOR SHORT DISTANCES DURING DAYLIGHT HOURS WHILE WORK IS BEING DONE IN THE DROP-OFF AREA.
  - LESSER TREATMENTS THAN THOSE DESCRIBED ABOVE MAY BE CONSIDERED FOR LOW-VOLUME LOCAL STREETS.
- △ B. DRUM, VERTICAL PANEL, OR BARRICADE SPACING
- TANGENTS = 2 X S
  - TAPERS = L / 3  
WHERE L = S X W  
L = TAPER LENGTH IN FEET  
S = SPEED IN MPH (POSTED OR ANTICIPATED OPERATING SPEED)  
W = WIDTH OF OFFSET IN FEET
- C. ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET SHALL BE PAID FOR UNDER MAINTENANCE OF TRAFFIC.

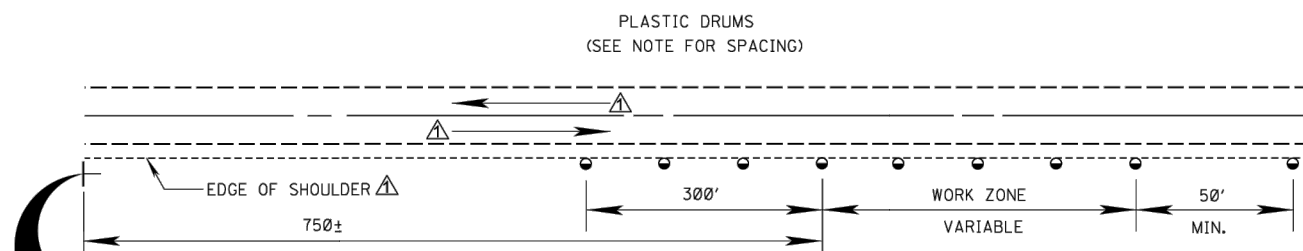
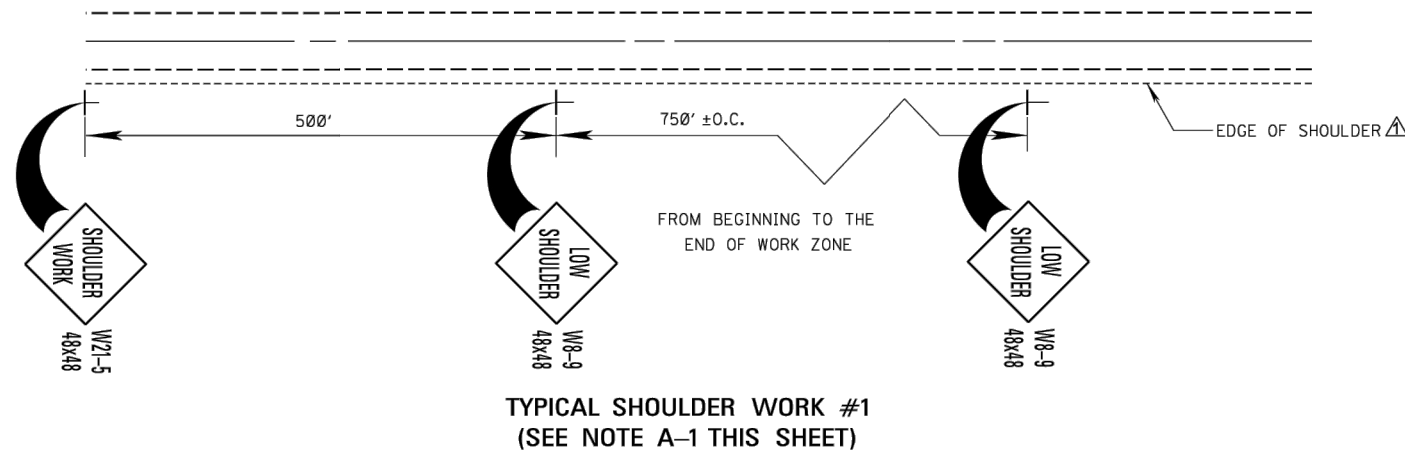
TABLE VI-1. GUIDELINES FOR LENGTH OF  
LONGITUDINAL BUFFER SPACE

| ** SPEED (MPH) | LENGTH (FEET) |   |
|----------------|---------------|---|
| 20             | 115           | △ |
| 25             | 155           | △ |
| 30             | 200           | △ |
| 35             | 250           | △ |
| 40             | 305           | △ |
| 45             | 360           | △ |
| 50             | 425           | △ |
| 55             | 495           | △ |
| 60             | 570           | △ |
| 65             | 645           | △ |

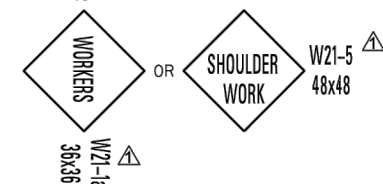
\*\* POSTED SPEED, OFF-PEAK 85 PERCENTILE SPEED  
PRIOR TO WORK STARTING, OR THE ANTICIPATED  
OPERATING SPEED IN MPH.



- (1) TO BE USED WITH EIGHT (8) FOOT OR GREATER WIDTH IMPROVED SHOULDER.
- (2) TO BE USED WHEN CONSTRUCTION VEHICLES (EQUIPMENT) ENCROACHES ON OR WITHIN TWO (2) FEET OF THE SHOULDER BREAK.
- △ (3) FOR SHORT DURATION OPERATIONS OF 60 MINUTES OR LESS, ALL SIGNS AND CHANNELIZING DEVICES MAY BE ELIMINATED IF A VEHICLE WITH ACTIVATED HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS IS USED.



NOTE:  
WORK OUTSIDE TWO (2) FOOT AND WITHIN TEN (10) FEET OF THE SHOULDER BREAK MAY BE PROTECTED BY PLACING DRUMS ALONG THE SHOULDER EDGE, 300 FEET PRIOR TO AND 50 FEET BEYOND THE WORK AREA, OR SEE NOTE A-3 THIS SHEET.



|                 |          |                                                                                      |
|-----------------|----------|--------------------------------------------------------------------------------------|
| STN             | BY       | MISSISSIPPI DEPARTMENT OF TRANSPORTATION<br>ROADWAY DESIGN DIVISION<br>STANDARD PLAN |
| REVISED TEXT    | REVISION | <b>TRAFFIC CONTROL DETAILS<br/>DRUM PLACEMENT<br/>AND<br/>SHOULDER CLOSURE</b>       |
| 12/1/25<br>DATE | DATE     | ISSUE DATE: AUGUST 01, 2017                                                          |
|                 |          | WORKING NUMBER<br>TCP-16<br>SHEET NUMBER<br>6366                                     |

