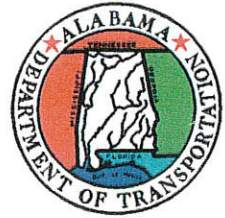




Kay Ivey
GOVERNOR

ALABAMA DEPARTMENT OF TRANSPORTATION

SOUTHWEST REGION
OFFICE OF REGION ENGINEER
1701 I-65 WEST SERVICE ROAD N
MOBILE, ALABAMA 36618-1109
TELEPHONE: (251) 470-8200
FAX: (251) 473-3624



JOHN R. COOPER
TRANSPORTATION DIRECTOR

Mr. Vincent E. Calametti, P.E.
Southwest Regional Engineer
Alabama Department of Transportation
1701 West I-65 Service Road North
Mobile, Alabama 36618-1109

Date Permit Received: 04-17-18
Date Check Sent to Finance: _____
Date Sent to Region: _____
Date Sent to Central Office: _____
Date Sent to Applicant: _____
Date Bond Released: _____

Attention: Mr. Jason Shaw, P.E.
Attached please find the following permit for your approval:

PERMIT ROUTING INFORMATION

Permit Number(s): 9-2-10929
Permit Application Type(s): Utility
Applicants Legal Name: AT+T
Route Number: US-90
Mile Post: 43.50 - 43.55
Applicants Mailing Address: 2155 Old Shell Rd.
Mobile, AL 36607

Service: _____
Letter: _____

District Approval: ✓
Region Approval: _____
Central Office Approval: _____

Samuel P. Allen
District Administrator

5-2-18
Date

Permit Manager _____

Date _____

Maintenance Engineer _____

Date _____

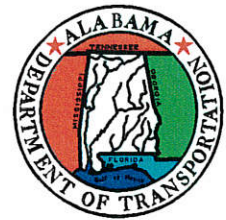
Notes: Received-04-17-18
Inspected site: 04-26-18 - Utilities located
- 1 ft from ROW Line



KAY IVEY
GOVERNOR

ALABAMA DEPARTMENT OF TRANSPORTATION

SOUTHWEST REGION – DISTRICT 2
OFFICE OF DISTRICT ENGINEER
47450 RABUN ROAD
BAY MINETTE, ALABAMA 36507
TELEPHONE: (251) 937-2086
FAX (251) 937-8475



JOHN R. COOPER
TRANSPORTATION DIRECTOR

May 01, 2018

AT&T
2155 Old Shell Rd
Mobile, AL 36607

Dear Sir:

RE: Permit Number: 9-2-10929
Baldwin County

Permit Expiration Date: May 01, 2019

Attached please find an approval for directional boring approximately 400 LF of 4" conduit with fiber optic cable inside along the East side of US-90, starting at MP 43.55. Stopping at MP 43.50 where a fiber pedestal will be placed, and 4" conduit will go across US-90 into Compass Bank at 6470 US-90.


Performance of this work shall be done in accordance with all current requirements of the Alabama Department of Transportation. It is required a print of the approved drawings, bearing my stamp signature, be on the jobsite throughout the time of installation. During the installation of this permitted utility work, all traffic control devices shall be in accordance with the MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES – PART VI, 2009 EDITION. All work performed under this permit shall comply with current EPA and ADEM policies.

Mr. Samuel J. Palmer Jr., District Administrator, will administer the inspection for the Alabama Department of Transportation. It is required you contact him at least 48 hours prior to beginning work. Upon completion of the work, please notify him in writing requesting a final inspection. His address is 47450 Rabun Road, Bay Minette, Alabama, 36507. His telephone number is (251) 937-2086.

Sincerely,

V. E. CALAMETTI, P.E., REGION ENGINEER

By:


Samuel J. Palmer, Jr.
District Administrator

SJP/jm

Attachment

c: Mr. Jason Shaw, P.E. Maintenance Engineer-Mobile
Stacey N. Glass, P.E.

ALABAMA DEPARTMENT OF TRANSPORTATION
PERMIT AGREEMENT FOR THE ACCOMMODATION OF UTILITY
FACILITIES ON PUBLIC RIGHT-OF-WAY

County BALDWIN

Route Number US-90 / US-98

Milepost 43.50 TO 43.55

FOR OFFICIAL USE ONLY

DATE RECEIVED FROM APPLICANT: 04/17/18

PERMIT NUMBER: 9-2-10929

Bonding Agency Safeco Insurance

Bond Number 6116118

Associated Permits and/or Documents _____

THIS AGREEMENT is entered into this the 17th day of APRIL, 2018, by and between the Alabama Department of Transportation acting by and through its Transportation Director hereinafter referred to as ALDOT and AT&T, a Utility hereinafter referred to as the APPLICANT.

WITNESSETH

WHEREAS, the APPLICANT desires to have its facilities accommodated on public highway right-of-way in BALDWIN County, Alabama consisting approximately of the following:
Placing by way of Directional Boring Approx. 400' of 4" Conduit with Fiber Optic Cable inside along the EAST side of US-90/US-98 starting at MM #43.55 & stopping at MM #43.50 where Fiber Pedestal will be placed and 4" Conduit will go across US-90 / US-98 and into Compass Bank at 6470 US HWY 90, As indicated on attached drawings.; and

WHEREAS, ALDOT hereby grants to the APPLICANT approval to cross or locate its facilities on the public right-of-way at the location and in the manner hereinafter set forth:

NOW, THEREFORE, it is agreed by and between the parties hereto as follows:

1. The APPLICANT will install its facilities on public right-of-way in accordance with plans and specifications of the APPLICANT as approved by ALDOT which plans and specifications are hereby made a part of this permit by reference.
2. In the installation of facilities and performing work under this agreement, the APPLICANT will conform to the provisions of the latest edition of the Alabama Department of Transportation Utility Manual, which manual is of record in ALDOT and is hereby made a part of this permit by reference.
3. The national Manual on Uniform Traffic Control Devices, ALDOT approved edition, is hereby made a part of this permit by reference and will be conformed to as the provisions thereof are applicable to such work. Such Manual is of record in ALDOT at the execution of this Agreement.

4. The Federal Water Pollution Control Act, The Federal Insecticide, Fungicide, and Rodenticide Act, The Alabama Water Pollution Control Act, The Alabama Environmental Management Act, The Clean Water Act (1987), and the Alabama Nonpoint Source Management Program (1989) are hereby made a part of this permit by reference.

5. The APPLICANT will conform to the regulations of the Environmental Protection Agency (EPA) and of the Alabama Department of Environmental Management (ADEM), latest edition, for both installation and maintenance of such facilities.

The APPLICANT will provide proof of applicable permit coverage and conform to the above referenced regulations for both the facility installation and maintenance of permitted facilities and areas of rights-of-way. The APPLICANT must provide a copy of the Notice of Intent (NOI) issued by ADEM. This will assure compliance with Phase II of storm-water construction requirements. In the event a NOI is not required, APPLICANT must submit to ALDOT a Best Management Practices (BMP) plan to control sediment run-off.

6. In the event that ALDOT is issued a citation or any other enforcement document by ADEM/EPA for failure to comply with applicable requirements, it shall be the responsibility of the APPLICANT to bring all BMPs into compliance and to pay for any fines, assessments, etc. that may be issued to ALDOT by ADEM/EPA.

7. Underground Damage Prevention Legislation, Alabama Act 94-487, is hereby made a part of this permit by reference. The APPLICANT will conform to the above referenced regulations for both the facility installation and maintenance of permitted facilities and areas of rights-of-way. Should the permitted work require a locate request ticket, no work shall begin until a copy of such ticket is obtained and the APPLICANT shall keep a copy of such ticket at the site of work.

8. If hazardous materials, wastes, substances, or as otherwise defined by Code of Alabama § 6-5-332.1(a)(2) (1993 Repl. Vol.) are encountered in the execution of this Agreement it will be the responsibility of the APPLICANT to notify the proper agency responsible for said hazardous materials and to comply with any and all environmental regulations as established by the Environmental Protection Agency (EPA), Alabama Department of Environmental Management (ADEM), and of the Occupational Safety and Health Administration (OSHA) in the proper disposition of the hazardous materials encountered.

9. This permit is valid for the contract period which is defined as follows: All proposed work as described and submitted in the permit documents must be completed within one year from the approved date of the permit and for a period covering one year from ALDOT acceptance of proposed work.

10. The APPLICANT will perform or cause to be performed the work applied for in this permit contract and will restore the highway in the work area in as good condition as the same was prior to the work and will maintain the accomplished work and highway work area in a condition satisfactory to ALDOT. Should the APPLICANT not maintain the work or create an unsafe condition during the contract period, ALDOT reserves the right to remove any work and restore the ROW to a safe condition at the expense of the APPLICANT and the APPLICANT agrees to pay ALDOT all such costs as a result.

11. Once work is begun, the APPLICANT shall pursue the work continuously and diligently until completion. Should the APPLICANT feel that the work cannot be completed in a one year period, they shall submit in writing (30 days prior to the termination date) to ALDOT the reasons for an extension of time. ALDOT will determine whether an extension may be approved.

12. The APPLICANT will file with ALDOT an acceptable certified check or bond in the penal amount of \$ 100,000.00 (Bond Number: 6116118) to guarantee the faithful performance of this permit contract in its entirety during the contract period as defined in item 9. Upon satisfactory completion and acceptance of all work provided for in this permit contract, the check or bond, as applicable, will be returned to the APPLICANT; otherwise, the proceeds from the check, or any amount received by ALDOT as a result of the bond, will be applied to complete and fulfill the permit contract terms. In the instance that ALDOT determines a bond on record is necessary, the APPLICANT shall provide such bond to ALDOT. The bond amount shall be determined by ALDOT.

13. Indemnification Provisions. Please check the appropriate type of applicant:

By entering into this agreement, the APPLICANT is not an agent of the State, its officers, employees, agents or assigns. The APPLICANT is an independent entity from the State and nothing in this agreement creates an agency relationship between the parties.

☐ If the applicant is an incorporated municipality or gas district then:

Subject to the limitations on damages applicable to municipal corporations under Ala. Code § 11-47-190 (1975), the APPLICANT shall defend, indemnify, and hold harmless the State of Alabama, ALDOT, its officers, officials, agents, servants, and employees, in both their official and individual capacities, from and against (1) claims, damages, losses, and expenses, including but not limited to attorneys' fees arising out of, connected with, resulting from or related to the work performed by the APPLICANT, or its officers, employees, contracts, agents or assigns (2) the provision of any services or expenditure of funds required, authorized, or undertaken by the APPLICANT pursuant to the terms of this Agreement, or (3) any damage, loss, expense, bodily injury, or death, or injury or destruction of tangible property (other than the work itself), including loss of use therefrom, and including but not limited to attorneys' fees, caused by the negligent, careless or unskillful acts of the APPLICANT its agents, servants, representatives or employees, or the misuse, misappropriation, misapplication, or misexpenditure of any source of funding, compensation or reimbursement by the APPLICANT, its agents, servants, representatives or employees, or anyone for whose acts the APPLICANT may be liable.

☐ If the applicant is county government then:

The APPLICANT shall be responsible at all times for all of the work performed under this agreement and, as provided in Ala. Code § 11-93-2 (1975), the APPLICANT shall protect, defend, indemnify and hold harmless the State of Alabama, The Alabama Department of Transportation, its officials, officers, servants, and employees, in both their official and individual capacities, and their agents and/or assigns.

For all claims not subject to Ala. Code § 11-93-2 (1975), the APPLICANT shall indemnify and hold harmless the State of Alabama, the Alabama Department of Transportation, the officials, officers, servants, and employees, in both their official and individual capacities, and their agents and/or assigns from and against any and all action, damages, claims, loss, liabilities, attorney's fees or expense whatsoever or any amount paid in compromise thereof arising out of, connected with, or related to the (1) work performed under this Agreement, (2) the provision of any services or expenditure of funds required, authorized, or undertaken by the APPLICANT pursuant to the terms of this agreement, or (3) misuse, misappropriation, misapplication, or misexpenditure of any source of funding, compensation or reimbursement by the APPLICANT, its agents, servants, representatives, employees or assigns.

☐ If the applicant is a state governmental agency or institution then:

The APPLICANT shall be responsible for damage to life and property due to activities of the APPLICANT of employees of APPLICANT in connection with the work or services under this Agreement. The APPLICANT agrees that its contractors, subcontractors, agents, servants, vendors or employees of APPLICANT shall possess the experience, knowledge and skill necessary to perform the particular duties required or necessary under this Agreement. The APPLICANT is a state institution and is limited by the Alabama Constitution in its ability to indemnify and hold harmless another entity. The APPLICANT maintains self-insurance coverage applicable to the negligent acts and omissions of its officers and employees, which occur within the scope of their employment by the APPLICANT. The APPLICANT has no insurance coverage applicable to third-party acts, omissions or claims, and can undertake no obligation that might create a debt on the State Treasury. The APPLICANT agrees ALDOT shall not be responsible for the willful, deliberate, wanton or negligent acts of the APPLICANT, or its officials, employees, agents, servants, vendors, contractors or subcontractors. The APPLICANT shall require, its contractors and its subcontractors, agents, servants or vendors, as a term of its contract with the APPLICANT, to include ALDOT as an additional insured in any insurance policy providing coverage for the work to be performed pursuant to and under this Agreement and to provide the APPLICANT a copy of the insurance policy declaration sheet confirming the addition of ALDOT thereto.

☒ If the applicant is not a county, incorporated municipality, or state governmental agency or institution then:

The APPLICANT will protect, defend, indemnify and hold harmless the State of Alabama, ALDOT, the officials, officers, and employees, in both their official and individual capacities, and their agents and/or assigns, from and against any and all actions, damages, claims, loss, liabilities, attorney's fees or expense whatsoever or any amount paid in compromise thereof arising out of or connected with the work performed under this Permit, and/or the APPLICANT's failure to comply with all applicable laws or regulations.

14. The APPLICANT will be obligated for the payment of damages occasioned to private property, public utilities or the general public, caused by the legal liability (in accordance with Alabama and/or Federal law) of the APPLICANT, its agents, servants, employees or facilities.

15. ALDOT in executing this Agreement does not in any way assume the responsibility for the maintenance of the facilities of the APPLICANT, nor the responsibility for any damage to the facilities caused by third parties.

16. The APPLICANT will have a copy of this Agreement on the project site at all times while said work is being performed.

17. Nothing contained in this Permit Agreement, nor the issuance or receipt thereof, shall be construed to alter or affect the title of ALDOT to the public right-of-way nor to increase, decrease or modify in any way the rights of the APPLICANT provided by law with respect to the construction, operation or maintenance of its facilities on the public right-of-way.

18. Reimbursement for future relocations of the APPLICANT'S facilities will be in accordance with State law in effect at the time such relocations are made.

19. The APPLICANT stipulates that the specific use of these facilities located upon public right-of-way is **FOR COMMUNICATIONS PURPOSED ONLY.**
The APPLICANT further stipulates that should this specific use change at any time in the future that the APPLICANT will notify ALDOT immediately of the change.

This Agreement is deemed to be executed on the date hereinabove set forth by the parties hereto in their respective names by those persons and officials thereunto duly authorized. Witness our hands and seals, this the 17th day of APRIL, 2018.

WITNESS:

J. DeWalt

AT&T

Legal Name of Applicant

By:

Wade Mitchell

Authorize Signature and Title for Applicant

WADE MITCHELL MGR. OSP ENGR.

Typed or Printed Name of Signee

2155 OLD SHELL RD

Address Line 1

MOBILE, AL 36607

Address Line 2

251-471-8361

Telephone Number

FOR OFFICIAL USE ONLY

RECOMMENDED FOR APPROVAL:

| | | | |
|-----------|--------------|-----------|-------|
| DISTRICT: | _____ | _____ | _____ |
| | Printed Name | Signature | Date |
| AREA: | _____ | _____ | _____ |
| | Printed Name | Signature | Date |
| REGION: | _____ | _____ | _____ |
| | Printed Name | Signature | Date |

APPROVED:

**ALABAMA DEPARTMENT OF TRANSPORTATION
ACTING BY AND THROUGH ITS TRANSPORTATION
DIRECTOR**

(PLEASE CHECK APPROPRIATE BOX)

- ☐ CENTRAL OFFICE
☐ REGION
☐ AREA
☒ DISTRICT

By:

Vincent E. Calametti, P.E.

Printed Name

V. E. Calametti ^{STP}

Signature

5-2-18

Date

Written Certification of Review and Understanding
of ADEM Compliance

April 17, 2018
(Current Date)

Department of Transportation

Reference: AT&T Project# 81N01306N

RE: US-90/US-98 – BALDWIN
(Project Location- County)

We have reviewed and understand the Alabama Department of Environmental Management's NPDES storm water permitting regulations. We hereby certify that the referenced project does not warrant registration.

Sincerely,

A handwritten signature in black ink, appearing to read "Wade Mitchell", is written over a horizontal line.

Signature

Wade Mitchell
Typed or Printed Name

MGR OSP PLNG & ENGRG DESIGN
Title



Horizontal Drilling Plan AT&T Southeast – Alabama

April 17, 2018

Bore Wizard

EWO: 81N01306N
Bore Location: MM 43.45 TO MM 43.50
AT&T Engineer: Wade Mitchell
AT&T Engineer Phone: 251-471-8361

Introduction:

The intent of this letter is to define standard operating procedures for horizontal drilling to be performed on the referenced AT&T project. The operation will be performed by persons or companies on behalf of AT&T Southeast - Alabama. This letter addresses horizontal drilling at the mentioned location that will require a 6 inch diameter reamer at a length of 370 ft. The soil type in this area is considered sandy clay.

Location, depth and encasements information for this horizontal drilling operation is determined by the AT&T Engineering group. AT&T Construction forces should always refer to the construction work prints provided for each Engineering Work Order (EWO) for this information. It is the responsibility of the AT&T Engineering group to determine these specifications and clearly communicate the requirements on the EWO construction work prints.

All other specifications for performing horizontal drilling should follow the instructions provided in this letter. These instructions will help to ensure that adequate pressure is maintained and surrounding soils are minimally affected to avoid undesired environmental and physical changes. If at any time it is determined that, in order to perform the drilling operation, the operation will require methods that are outside the parameters of this letter, all parties involved must be in agreement with the subsequent plan. Parties may include, but are not limited to, AT&T Construction Group, AT&T Engineering Group, AT&T Planning Group, State Department of Transportation, and local municipalities where permitting is required.

Horizontal Drilling/Bore Guidelines:

Horizontal Drilling Monitoring

It is the sole responsibility of any person(s) or company performing work for AT&T Southeast – Alabama to use horizontal drilling machines capable of monitoring the fluid pressure at all times. It is the responsibility of the drilling operator to constantly monitor and manage the fluid pressure and ensure that the pressure does not exceed the allowed maximum pressure. Therefore, the operator is expected to be competent in operating the drilling machine.

Pilot Hole Fluid Pressure

The normal fluid pressure during the pilot drilling operation should be around 371.235 pounds per square inch. The maximum fluid pressure during the pilot drilling operation should not exceed 464.04 pounds per square inch. Since the fluid injection rate, thrust pressure and torque pressure are factors that affect pilot hole drilling, offsetting the thrust pressure and torque pressure in order to stay below the maximum allowable fluid pressure may be required.

Pilot Hole Fluid Injection Rate

The normal fluid injection rate should be around 4.455 gallons per minute during the pilot hole drilling operation. There may be instances where, due to the soil type, the fluid injection rate will require more than the normal fluid injection rate gallons per minute to keep the drilled slurry flowing. In these



Horizontal Drilling Plan AT&T Southeast – Alabama

instances compensations should be made to ensure the maximum fluid pressure does not exceed 5.565 gallons per minute.

Reaming Fluid Pressure

The normal fluid pressure during the reaming operation should be around 866.215 pounds per square inch. The maximum fluid pressure during the reaming operation should not exceed 1082.76 pounds per square inch. Since the fluid injection rate and the reamer pullback speed are factors that affect the fluid pressure, offsetting the reamer pullback speed and fluid injection rate in order to stay below the maximum allowable fluid pressure may be required.

Reaming Fluid Injection Rate

The normal fluid injection rate should be around 10.395 gallons per minute range. There may be instances where, due to the soil type, the fluid injection rate will require more than the normal fluid injection rate gallons per minute to keep the drilled slurry flowing. In these instances compensations should be made to ensure the maximum fluid pressure does not exceed 13.0025 gallons per minute.

Reamer Pullback Speed

Depending on soil type, reamer pullback speed is adjusted to allow the drilled slurry flowing. The maximum reamer pullback speed for this drilling operation should not exceed 1.01 feet per minute.

Drilling Fluid Lubricants/Additives

Drilling fluid lubricants/additives contain bentonite, which is used to control the filtration rate for bore-hole stabilization and prevention of fluid loss. Drilling fluid lubricants should be NSF/ANSI Standard 60 certified. AT&T does not require or promote a specific manufacturer or brand of drilling fluid lubricants/additives. However, SUPER GEL-X made by CETCO® is a commonly used and acceptable drilling fluid lubricant/additive.

Encasement Sealing

All encasements should be sealed/plugged with non-hazardous duct sealant compound.

Engineer of Record: Wade Mitchell

Engineer of Record signature

4/17/2018

Date

AT NO TIME WILL 350 PSI AT 15 GPM BE EXCEEDED WITHOUT PRIOR ALDOT APPROVAL

CONTINUATION
CERTIFICATE

SAFECO Insurance Company of America

, Surety upon

a certain Bond No. 6116118

dated effective June 21, 2001
(MONTH-DAY-YEAR)

on behalf of BellSouth Telecommunications, LLC d/b/a AT&T Alabama
(PRINCIPAL)

and in favor of Alabama DOT
(OBLIGEE)

does hereby continue said bond in force for the further period

beginning on June 21, 2017
(MONTH-DAY-YEAR)

and ending on June 21, 2018
(MONTH-DAY-YEAR)

Amount of bond \$100,000.00

Description of bond Right of Way

PROVIDED: That this continuation certificate does not create a new obligation and is executed upon the express condition and provision that the Surety's liability under said bond and this and all Continuation Certificates issued in connection therewith shall not be cumulative and that the said Surety's aggregate liability under said bond and this and all such Continuation Certificates on account of all defaults committed during the period (regardless of the number of years) said bond had been and shall be in force, shall not in any event exceed the amount of said bond as hereinbefore set forth.

Signed and dated on May 04, 2017
(MONTH-DAY-YEAR)

SAFECO Insurance Company of America

By Heidi A. Notheisen

Heidi A. Notheisen, Attorney-in-Fact

ACKNOWLEDGMENT BY SURETY

STATE
OF Missouri
City of St. Louis } ss.

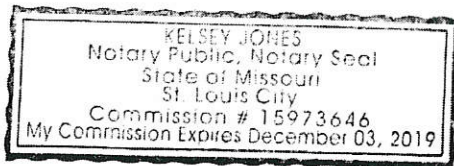
On this 4th day of May, 2017, before me personally
appeared Heidi A. Notheisen, known to me to be the Attorney-in-Fact of
SAFECO Insurance Company of America

_____, the corporation
that executed the within instrument, and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in the aforesaid
County, the day and year in this certificate first above written.

My Commission Expires: December 03, 2019

(Seal)



A handwritten signature in cursive script that reads "Kelsey Jones".

Kelsey Jones
Notary Public in the State of Missouri
City of St. Louis
Commission Number: 15973646

THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Certificate No. 7705312

American States Insurance Company
First National Insurance Company of America
General Insurance Company of America
Safeco Insurance Company of America

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That American States Insurance Company is a corporation duly organized under the laws of the State of Indiana, that First National Insurance Company of America, General Insurance Company of America, and Safeco Insurance Company of America are corporations duly organized under the laws of the State of New Hampshire (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Brittany D. Clavin; Cynthia L. Choren; Debra C. Schneider; Heidi A. Notheisen; JoAnn R. Frank; Karen L. Roeder; Kelsey M. Jones; Pamela A. Beelman; Sandra L. Ham

all of the city of St. Louis, state of MO each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 30th day of March, 2017.



American States Insurance Company
First National Insurance Company of America
General Insurance Company of America
Safeco Insurance Company of America

By: David M. Carey
David M. Carey, Assistant Secretary

STATE OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 30th day of March, 2017, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of American States Insurance Company, First National Insurance Company of America, General Insurance Company of America, and Safeco Insurance Company of America, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at King of Prussia, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Upper Merion Twp., Montgomery County
My Commission Expires March 28, 2021
Member, Pennsylvania Association of Notaries

By: Teresa Pastella
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV - OFFICERS - Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

Certificate of Designation - The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization - By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, of American States Insurance Company, First National Insurance Company of America, General Insurance Company of America, and Safeco Insurance Company of America do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 4th day of May, 2017.



By: Renee C. Llewellyn
Renee C. Llewellyn, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit,
currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call
1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

UTILITY PERMIT CHECKLIST

REV. April 2017

SW Region-Mobile Area

Applicant AT&T Route US-98 / US-90 Milepost MM 43.50 - MM 43.55

- ❖ Utility Companies use this checklist with the following Permit Applications: MB-01, MB-02, and MB-03.
- ❖ ALDOT Manuals are available online at: www.dot.state.al.us/maweb/permits__operations.htm
- ❖ All submittals & questions should be directed to the District Office unless otherwise noted.
- ❖ Please check all items that apply, if an item is not applicable simply leave the space blank.
- ❖ This list may not be all inclusive; ALDOT reserves the right to request additional information that may be needed for any particular project.
- ❖ Preliminary Discussions should be held with ALDOT for large scale Utility Projects or those that require extensive excavation/trenching or major traffic disruption.
- ❖ As-Built Certification - After completion of work, a signed certification letter will be submitted by the Engineer of Record stating the project has been constructed in accordance with the plans approved by the State and with specifications, supplemental specifications and special provisions applicable at the time of approval.

District 1

Mr. Frankie L. Smith
District Administrator
1701 I-65 West Service Road North
Mobile, Alabama 36618
(251) 470-8322

District 2

Mr. Samuel J. Palmer Jr.
District Administrator
47450 Rabun Road
Bay Minette, Alabama 36507
(251) 937-2086

District 3

Mr. Mickey T. Jones
District Administrator
10610 Highway 31 South
Evergreen, Alabama, 36401
(251) 578-7546

MB-01: For use by a Public Utility Company, or more specifically defined as a utility which is regulated by the Public Service Commission (PSC) & can provide a PSC certification if requested.

MB-02: This form is used by a private utility to cross the ROW only.

MB-03: This form is used by private utility to run along the ROW.

Permit Submittal – 4 copies of each

Note: Permit application, Form W-9, and Performance bond should all be in the name of Legal Applicant.
(Utility owner must be the Applicant)

- ☒ Permit application
- ☒ Permit Checklist
- ☒ Construction Plans (Should be neat and large enough to be legible)
- ☐ ADEM Notice of Registration (If over 1 acre soil disturbance)
- ☐ Performance bond BM-174 (Amount Approved by ALDOT) (** 9.1 Permit Manual)
- ☒ OR Blanket Bond Continuation Letter/Certificate (If applicable)
- ☐ OR Cashier's check and Form W-9 (cashier's check, certified check)
- ☐ PDF of plans (can be emailed if under 22MB)

Permit Application (filled by Applicant): (**1.4.1 Permit Manual)

- ❖ Permit Number & Associated Permits will be assigned by the District office
- ☒ Name of County
- ☒ Mile Post to the nearest 0.01 mile
- ☒ Route Number (SR-xx, US-xx, I-xx)
- ☒ Date of permit submittal

UTILITY PERMIT CHECKLIST

REV. April 2017

SW Region-Mobile Area

- ☒ Applicant's Legal Name, signature, mailing address and phone number
- ☒ Include Amount of Bond, Bond Number, and Expiration Date
- ☒ Witness' Signature

General Permit Plan Requirements: (specific permit requirements follow)

- ☒ Vicinity Map (State & US routes labeled clearly with name and direction of nearest town)
- ☒ North arrow
- ☒ Posted Speed limits within boundaries of permit
- ☒ Scale or note stating "Not to Scale"
- ☒ Mile Post (nearest 0.01 mile from beginning to end of proposed work)
- ☒ Detailed Legend
- ☒ Route Number (SR-xx, US-xx, I-xx)
- ☒ Denote Centerline (CL), Rights-of-Way (ROW), Edge of Pavement (EOP) and Property Lines
- ☒ Distances: Centerline to ROW line, EOP to ROW line, proposed work to ROW line
- ☒ Distance from the EOP to the center of the side ditches
- ☒ Include details applicable to permit type
- ☒ All applicable ALDOT Standard and Special Drawings must be included in plans
- ☒ Erosion control plan (BMP) is needed if an ADEM permit was not required for project
- ☒ Traffic Control Plan – (utilizing all guidelines of the 2009 MUTCD, site specific)
- ☒ ALDOT General Notes must be included in the plan set (see pages 4-6)
- ☒ Show all existing & proposed utilities, appurtenances, drainage structures & accessories and provide the distance from the ROW line.
 - Existing utilities shall be represented both horizontally and vertically in the submitted plans.
 - When deemed necessary by ALDOT, existing utilities shall be located in the field by means of flagging, staking, painting, and potholing/ probing for inspection by ALDOT Representatives.
 - Vertical location of utility lines are to be accurately reflected in cross section views.
 - It should be determined prior to construction if minimum coverage of utilities will be maintained upon completion of work.
 - Installation of aerial lines does not require location of underground utility lines to be shown.
 - If no existing utilities are present, state "No Existing Utilities"

Utility Permit Plan Specific Requirements: (MB-01, MB-02, MB-03)(**4.2 Utility Manual)

- ☐ Utilities must be placed 25' min horizontally from nearest bridge support (columns, abutments, etc.) and 12' min horizontally from culvert headwalls, wing walls, and foundations.
- ☐ Roadway crossings shall be as near perpendicular as possible to the roadway

Underground Utilities

- ☐ Underground utilities installed across Interstate ROW must be bored not open cut
- ☒ Roadway crossings– Plan View
 - Type to be used (Ex. – Dry Bore)
 - Show milepost for each proposed bore
 - Show encasements if required, any other utilities or drainage structures, etc.
 - Crossing should be as perpendicular to the road as possible
- ☐ Show abandoned utility lines
 - Abandoned lines 4" or greater shall be filled with grout or removed.
- ☐ If a patch is to be made it shall be according to ALDOT's patch detail requirements

UTILITY PERMIT CHECKLIST

REV. April 2017

SW Region-Mobile Area

- ☒ Depth of Bury
 - 36" minimum beneath the flow line of ditch, 48" minimum under pavement, but additional depth may be required
- ☒ Boring Method
 - Type of Bore with procedure and specifications, boring head, reamer size & fluid type
 - Directional bores shall include bore design information signed by the engineer of record. (Include normal operation PSI and GPM, the maximum allowable fluid rate is 350 PSI at 15 GPM, include fluid type)(The max allowable ratio will not be exceeded without prior ALDOT approval)
- ☒ Bores that require bore pits must state/depict bore pit dimensions (length x width x depth)
 - Bore pits must be located outside D/A fence on interstate crossings
 - Side roads must be bored & encased if ADT > 500
 - plowing or trenching will not be allowed within the road prism area
- ☒ Profile of proposed Bore Crossings (label R/W, pipe, ground, etc)
- ☐ Profile if manholes are permitted (Manholes must be flush with existing ground line)
- ☐ All meters shall be installed off ALDOT rights-of-way
- ☐ Horizontal distance from bridge footings or drainage structures is 25 foot minimum
- ☐ Type marking to be placed with underground power lines and/ or non-metallic conduit (Metallic tape, flagging, etc.)

Encasements for Roadway Crossings

- ☐ Water and Sewer mains larger than 2" shall be encased, materials may vary, no joints permitted
- ☐ Gas mains larger than 2" shall be encased in coated steel
- ☒ Communication lines may use continuous roll HDPE
- ☒ Minimum depth measurement is measured from the base of pavement to top of encasement
- ☐ Encasement size, length (minimum-back of ditch to back of ditch), type of material and coating
- ☐ Encasements beneath Interstates should extend beyond the denied access on both sides
- ☐ An individual steel or copper service line of 2" or smaller may cross under the roadway without encasement. A copper line must be Type "K", continuous roll and be labeled on the plans to cross under the roadway without encasement.
- ☐ Encasement variance for a utility line along/across the highway will only be accepted if the API accompanied by a Pisces or Technical Toolbox computer generated report. The report shall adhere to 1102 and the PRCI Report PR-227-9424
- ☐ Spacer Detail (wooden spacers are not permitted for use in ROW)

Aerial Utilities:

- ☐ Profile of Roadway Crossing, showing pole height, vertical clearances over centerline of travel ways, arm length if street light
 - Minimum of 18' of clearance over travel ways
 - Maintain a vertical and horizontal clearance of 25' over bridges
 - Vertical - from the top of the barrier rail
 - Horizontal - from the neat lines of the structure
 - Clearance shown should be height of cable over travel lanes and sag point in line
- ☐ Guy Wire requirements (refer to 2.18.3 of the utility manual)
- ☐ Poles shall be placed outside clear zone or and outside denied access fence on Interstate routes.
- ☐ Proposed poles to be replaced/installed to an existing line shall be "In-Line"
- ☐ Installation of new poles and/ or pole foundations require the location of existing underground utilities and any drainage structures to be shown in the plans.

UTILITY PERMIT CHECKLIST

REV. April 2017

SW Region-Mobile Area

Interstate Crossing: (In addition to utility plan requirements)

— Installation procedure including Traffic Control Plan

- Law enforcement who have authority on Interstate within the project area will be on hand for traffic control and their location should be included on the diagram.
- Diagram showing the location of work trucks, if needed inside the ROW.
- If work trucks are needed inside of the D/A fence, their location should be included on the diagram.
- If stoppage of traffic is required, the day of week, time of day, and duration of stoppage should be included. Effort should be made to limit the time of lane closure. (Max. time is 10 minutes/stop or block)
 - Traffic control plan must meet most current edition of MUTCD. **Note regarding the rolling stop of traffic on the interstate, if a rolling stop is necessary an estimated time is required. (Maximum of 10 minutes for interstate closures)

Permit General Notes:

Notes:

1. Please mark all selectable items that apply with an "X", if item is not applicable write N/A in the space provided.
 2. Applicant is used to describe the legal permit applicant or any of their representatives, contractors, or assigns.
1. N/A All meters are to be installed off of ALDOT right-of way.
 2. N/A All manholes, valve boxes, and hand holes should be flush with existing ground.
 3. Contact District Administrator 48 hours prior to beginning work on ALDOT right-of-way. The District Administrators are as follows:
Area- 9
(91) Mobile County – Frankie L. Smith, (251) 470-8322
(92) Baldwin County – Samuel J. Palmer Jr., (251) 937-2086
(93) Escambia and Conecuh Counties – Mickey T. Jones, (251) 578-7540
 4. The permit applicant or Engineer of Record shall write a letter requesting to meet with the District Administrator upon completion of the permitted work to evaluate the punch list for completion of project.
 5. If applicable, the bond associated with the permit will be good for one full year after the work has been inspected and accepted by the Department.
 6. All traffic Control shall be in accordance with Part 6 of the Manual on Uniform Traffic Control Devices (MUTCD) 2009 edition. (If project necessitates lane closure, lane closure must be made part of the permit.)
 7. Onsite Representatives & Contact Information Tracy Greenhill 251-456-4320
 8. Onsite representatives will have on hand, at all times:
 - (1) Approved permit and plans stamped by the Region Engineer
 - (2) Traffic Control Plans
 - (3) Erosion Control Plans
 9. All disturbed areas will be resodded or seeded as directed by the Department of Transportation's District Administrator.
 10. All work on the ROW will be in conformance with the latest edition of ALDOT Standard Specifications.
 11. X Electric power and communication facilities will conform to the current applicable *National Electrical Safety Code*.
 12. A Best Management Plan shall at minimum return all exposed areas to original or better condition with a good stand of grass and/or sod. Silt fence and any other erosion control items needed shall be used to prevent erosion. (NO HAYBALES ARE ALLOWED IN ROW)
 13. All trees over 4" DBH shall not be cut/removed without written permission from ALDOT.
 14. X Absolutely no bore pits shall be allowed to be unfilled and/or uncovered overnight unless protected. (Bore pits have a maximum of 72 hours to be open before filled.)
 15. X Upon completion & any time thereafter, ALDOT retains the right to request an As-Built plan of any permitted work in said department's Rights-of-Way (ROW).

UTILITY PERMIT CHECKLIST

REV. April 2017

SW Region-Mobile Area

16. WARNING: Do not disturb Survey Markers located on ALDOT Right-of-Way. Any property markers disturbed during construction shall be re-established by an Alabama licensed professional land surveyor at the contractor's expense.
17. The total area to be disturbed during construction of this permit: 0 acre(s). (On & Off ROW combined)
18. N/A Water lines will conform to the currently applicable standards of the *American Water Works Association*.
19. N/A Pressure pipe lines will conform to the currently applicable sections of *American National Standards Institute (ANSI)*.
20. X As required by Alabama Act 94-487: Call two working days before excavation 1-800-292-8525, Alabama Line Location Center, Inc.
21. X All existing utility facilities in the proposed work area shall be physically located both horizontally and vertically.
 - a. The utility facilities in the area of work are represented to the best of my knowledge, according to locates provided by 811 and individual due diligence. Engineer Initials WM
 - b. 811 Locate Request # 181031325
22. Any ornamental vegetative landscaping (shrubs, flowers, ornamental grass, etc.) disturbed during construction shall be replaced, transplanted or sodded by the applicant as directed by the Alabama Department of Transportation District Administrator.
23. X All fill material or onsite debris deposited in the right of way shall be removed prior to issuance of final acceptance to begin the one year maintenance period of the permit contract.
24. The applicant shall be responsible for any solid waste (I.E., wood, stumps, etc.) to be disposed of and must be in accordance with applicable regulations of the Alabama Department of Environmental Management (ADEM).
25. Property obstructions which are to remain in place, such as historical structures, trees, drains, water or gas pipes, poles, wall, etc., are not to be disturbed unless noted and approved by SHPO, ALDOT, ADEM, EPA, etc.
26. The applicant is responsible to see that streets are cleaned immediately after concrete or other delivery trucks leave the site. Mud and debris are to be kept off streets, and out of inlets, ditches, etc.
27. Fuel tanks shall not be stored on the right-of-way overnight. Vehicles transporting fuel, chemicals, fertilizers, etc. onto right-of-way shall not be left unattended
28. The applicant or Engineer of Record shall promptly notify ALDOT of any perceived conflicts, ambiguous items or deficiencies in the plans, specifications, general notes or related contract documents.
29. N/A For work within Interstate ROW, all ingress and egress to worksite shall be from applicant's property. No access shall be gained from the Interstate ROW. Equipment and materials shall not be stored on Interstate ROW.
30. X Milepost(s) 43.45 to 43.50 Speed Limit 45 MPH Stopping Site Distance 500ft
31. X Is drainage/ runoff from this site directed onto state ROW? (circle) YES or X NO Engineer Initials WM
32. X Are utility conflicts present or is utility relocation required for this project to meet specifications? (circle) YES or X NO Engineer Initials WM
33. X Shall minimum cover over utilities be maintained upon completion of work (circle) YES X or NO Engineer Initials WM
34. The legal permit applicant is held responsible and liable for all damages, actions, or responsibilities of their appointed contractors and appointees.

UTILITY PERMIT CHECKLIST

REV. April 2017

SW Region-Mobile Area

COMMENTS: _____

| | | |
|------------------|---|------------------|
| <u>AT&T</u> | <u>AT&T</u> <u>2155 OLD SHELL RD</u> <u>MOBILE, AL, 36607</u> | <u>4/17/2018</u> |
| Applicant | Applicant's Mailing Address | Date |

| | |
|---------------------------------|-----------------------------------|
| <u>251-471-8361</u> | <u>WM0395@ATT.COM</u> |
| Applicant's Phone Number | Applicant's E-mail address |

| |
|---------------------------|
| <u>WADE MITCHELL</u> |
| Engineer of Record |

| | |
|--------------------------------|---------------------------------|
| <u>251-471-8361</u> | <u>WM0395@ATT.COM</u> |
| Engineer's Phone Number | Engineer' E-mail address |





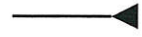
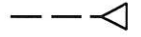





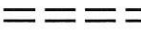




| |
|--|
| <u>AT&T</u> |
| <u>2155 OLD SHELL RD</u> |
| <u>MOBILE, AL, 36607</u> |
| Mailing Address for Approved Permit |

DESIGNED BY:
AT&T
WADE MITCHELL
251-471-8361

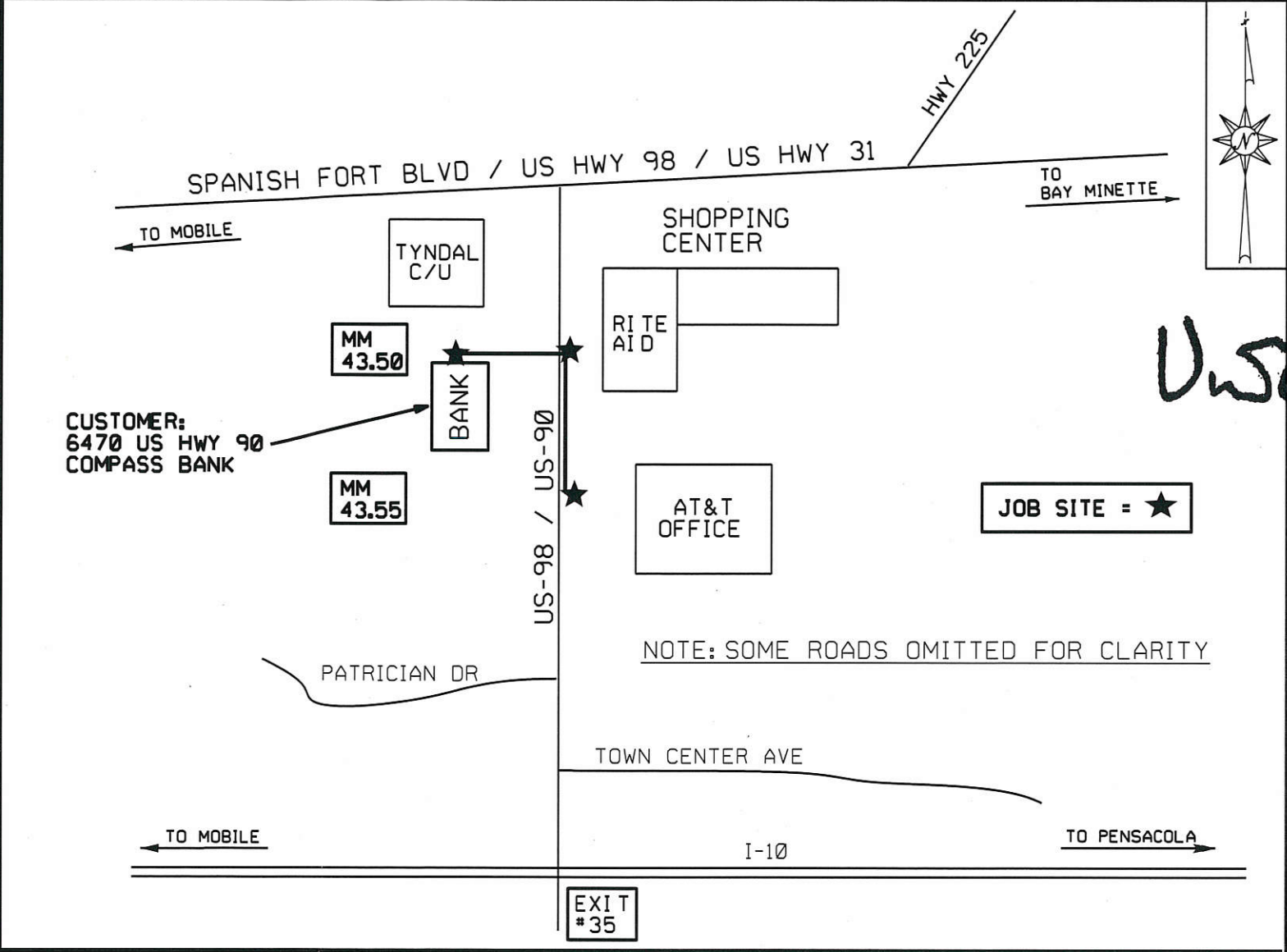
AT&T CONSTRUCTION:
BILLY JAMES, 251-456-4320

ONSITE CONTACT:
DEVINEY CONSTRUCTION
TRACY GREENHILL, 251-457-3760

WORK DESCRIPTION:
Placing by way of Directional Boring Approx. 400' of 4" HDPE Conduit with Fiber Optic Cable inside along the EAST side of US-90/US-98 starting at MM 43.55 & stopping at MM 43.50 where Fiber Pedestal will be placed and 4" HDPE Conduit will go across US-90 / US-98 and into Compass Bank at 6470 US HWY 90.

| SYMBOL LEGEND | | |
|---|---|------------------|
| Proposed | Existing | Description |
| — OT — | — OT — | AERIAL CABLE |
| — BT — | — BT — | BURIED CABLE |
|  |  | BST POLE |
|  |  | POWER POLE |
|  |  | ANCHOR & GUY |
|  |  | ENCLOSURE |
|  |  | HANDHOLE/MANHOLE |
|  |  | PIPE/CONDUIT |
|  |  | CABLE MARKER |
|  | N/A | BORE |
|  | N/A | BORE PIT |

LOCATION MAP:



CALL BEFORE YOU DIG

 **ALABAMA**
DIAL 811 or
1-800-292-8525
www.call811.com

TWO FULL BUS. DAYS BEFORE YOU DIG

IT IS THE CONTRACTORS RESPONSIBILITY TO CONTACT UTILITY COMPANIES PRIOR TO ANY CONSTRUCTION AS THE LOCATION OF UTILITIES SHOWN ON THIS PLAT ARE APPROXIMATE AND POSSIBLY INCOMPLETE. THEREFORE CERTIFICATION TO THE LOCATION OF ALL UNDERGROUND UTILITIES IS WITHHELD.

Caution!

HIGH VOLTAGE
JOINT USE

RIVIERA UTILITIES

301-15KV to GROUND
AERIAL & BURIED

CALL
251-626-5000

ALDOT PERMIT REQUIRED DRAWINGS NOT TO SCALE

| ATTSE | |
|--|----------------|
| PROPOSED TELEPHONE FACILITIES ON RIGHT OF WAY OF ALDOT | |
| US-90/US-98 | |
| Exchange: | 251626 |
| Designer: | Mitchell, Wade |
| Phone: | 251-471-8361 |
| Authorization: | 8IN01306N |
| Dwg. | 1 of 5 |

Permit General Notes:
Notes:

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16. WARNING: Do not disturb Survey Markers located on ALDOT Right-of-Way. Any property markers disturbed during construction shall be re-established by an Alabama licensed professional land surveyor at the contractor's expense.
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b. 811 Locate Request # 181031325
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WORK DESCRIPTION:
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| SYMBOL LEGEND | | |
|---------------|----------|------------------|
| Proposed | Existing | Description |
| | | AERIAL CABLE |
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| | | BST POLE |
| | | POWER POLE |
| | | ANCHOR & GUY |
| | | ENCLOSURE |
| | | HANDHOLE/MANHOLE |
| | | PIPE/CONDUIT |
| | | CABLE MARKER |
| | N/A | BORE |
| | N/A | BORE PIT |

DESIGNED BY:
AT&T
WADE MITCHELL, 251-471-8361

AT&T CONSTRUCTION:
GWYNN DEVALK: 251-621-3941

ONSITE CONTACT:
DEVINEY CONSTRUCTION
TRACY GREENHILL, 251-457-3760

| |
|---------------------------------------|
| Caution! |
| HIGH VOLTAGE JOINT USE |
| RIVIERA UTILITIES |
| 301-15KV to GROUND AERIAL & BURIED |
| CALL 251-626-5000 |

CALL BEFORE YOU DIG

ALABAMA
DIAL 811 or
1-800-292-8525
www.call811.com

TWO FULL BUS. DAYS BEFORE YOU DIG

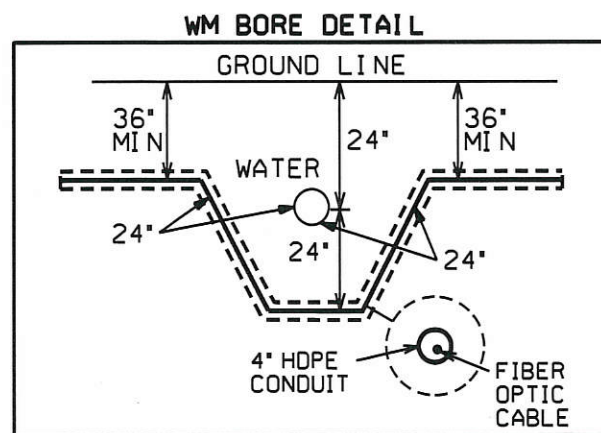
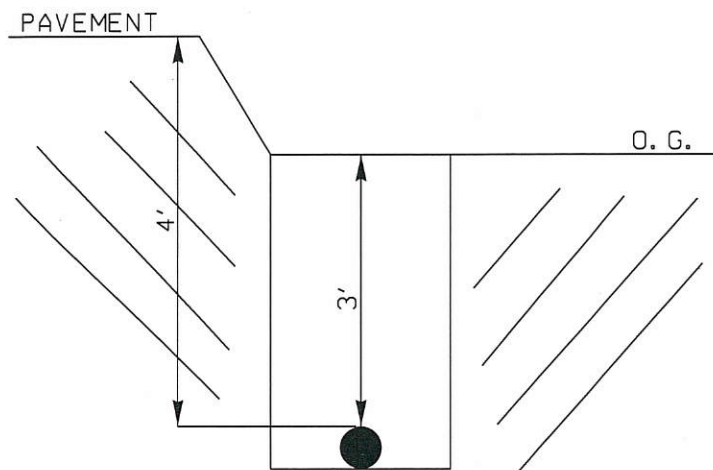
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| |
|--|
| ATTSE |
| PROPOSED TELEPHONE FACILITIES ON RIGHT OF WAY OF ALDOT |
| US-90/US-98 |
| Exchange: 251626 |
| Designer: Mitchell, Wade |
| Phone: 251-471-8361 |
| Authorization: 8IN01306N |
| Dwg. 2 of 5 |

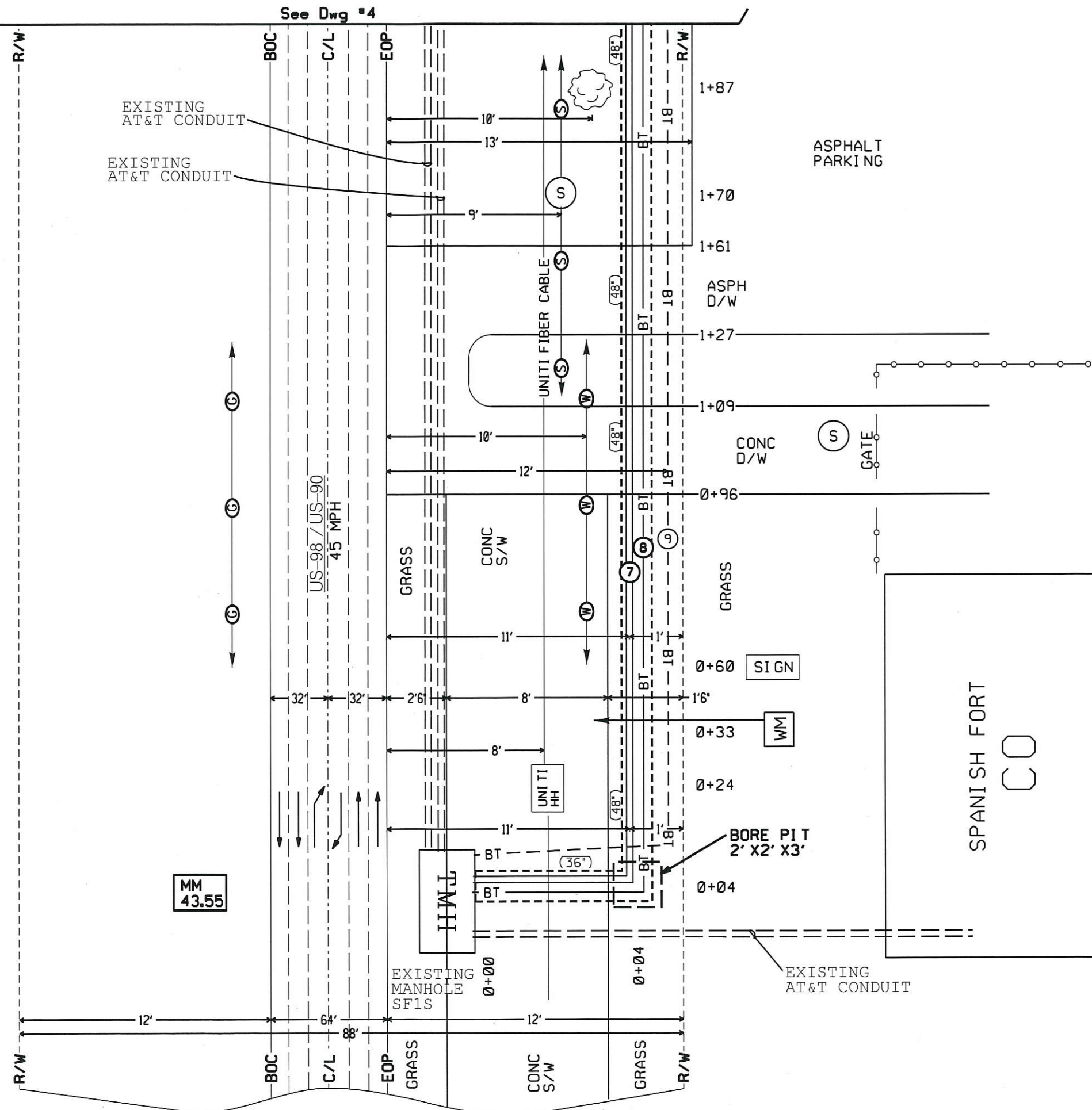
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27. Fuel tanks shall not be stored on the right-of-way overnight. Vehicles transporting fuel, chemicals, fertilizers, etc. onto right-of-way shall not be left unattended
28. The applicant or Engineer of Record shall promptly notify ALDOT of any perceived conflicts, ambiguous items or deficiencies in the plans, specifications, general notes or related contract documents.
29. For work within Interstate ROW, all ingress and egress to worksite shall be from applicant's property. No access shall be gained from the Interstate ROW. Equipment and materials shall not be stored on Interstate ROW.
30. Milepost(s)43.50to 43.55 Speed Limit 45 MPH Stopping Site Distance 500'
31. Is drainage/ runoff from this site directed onto state ROW? (circle) YES or NO Engineer Initials
32. Are utility conflicts present or is utility relocation required for this project to meet specifications? A (circle) YES or NO Engineer Initials
33. Shall minimum cover over utilities be maintained upon completion of work (circle) YES or NO Engineer Initials
34. The legal permit applicant is held responsible and liable for all damages, actions, or responsibilities of their appointed contractors and appointees.

Caution!
HIGH VOLTAGE
JOINT USE
RIVIERA UTILITIES
301-15KV to GROUND
AERIAL & BURIED
CALL
251-626-5000

- ⑦ PROPOSED AT&T
4" HDPE CONDUIT
- ⑧ PROPOSED AT&T
BURIED FIBER CABLE
- ⑨ EXISTING AT&T
BURIED CABLE



ALABAMA ONE-CALL
1-800-292-8525



ATTSE

PROPOSED TELEPHONE FACILITIES
ON RIGHT OF WAY OF
ALDOT

US-90/US-98

Exchange:
251626

Designer:
Mitchell, Wade

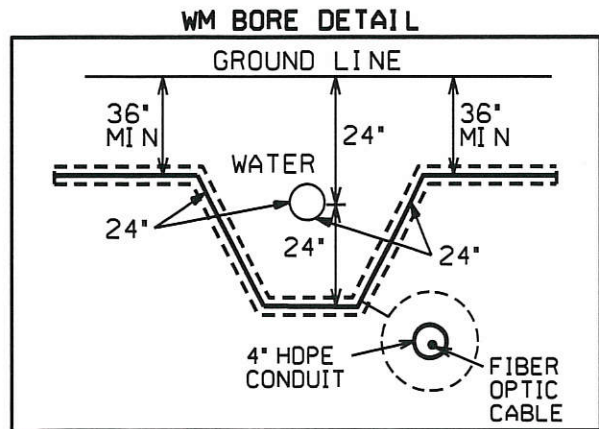
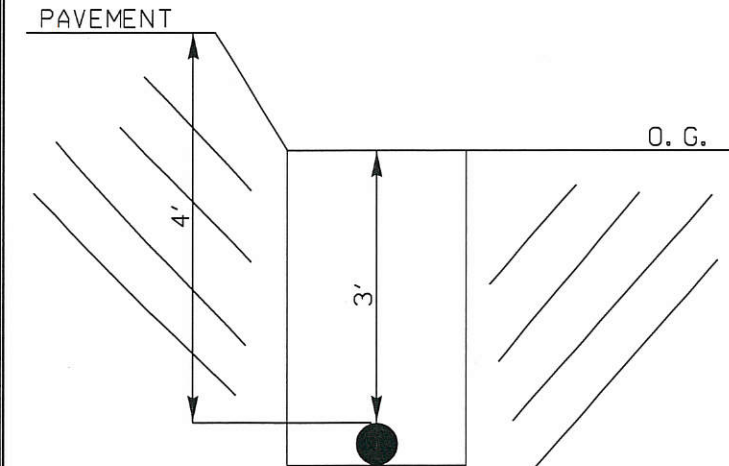
Phone:
251-471-8361

Authorization:
8IN01306N

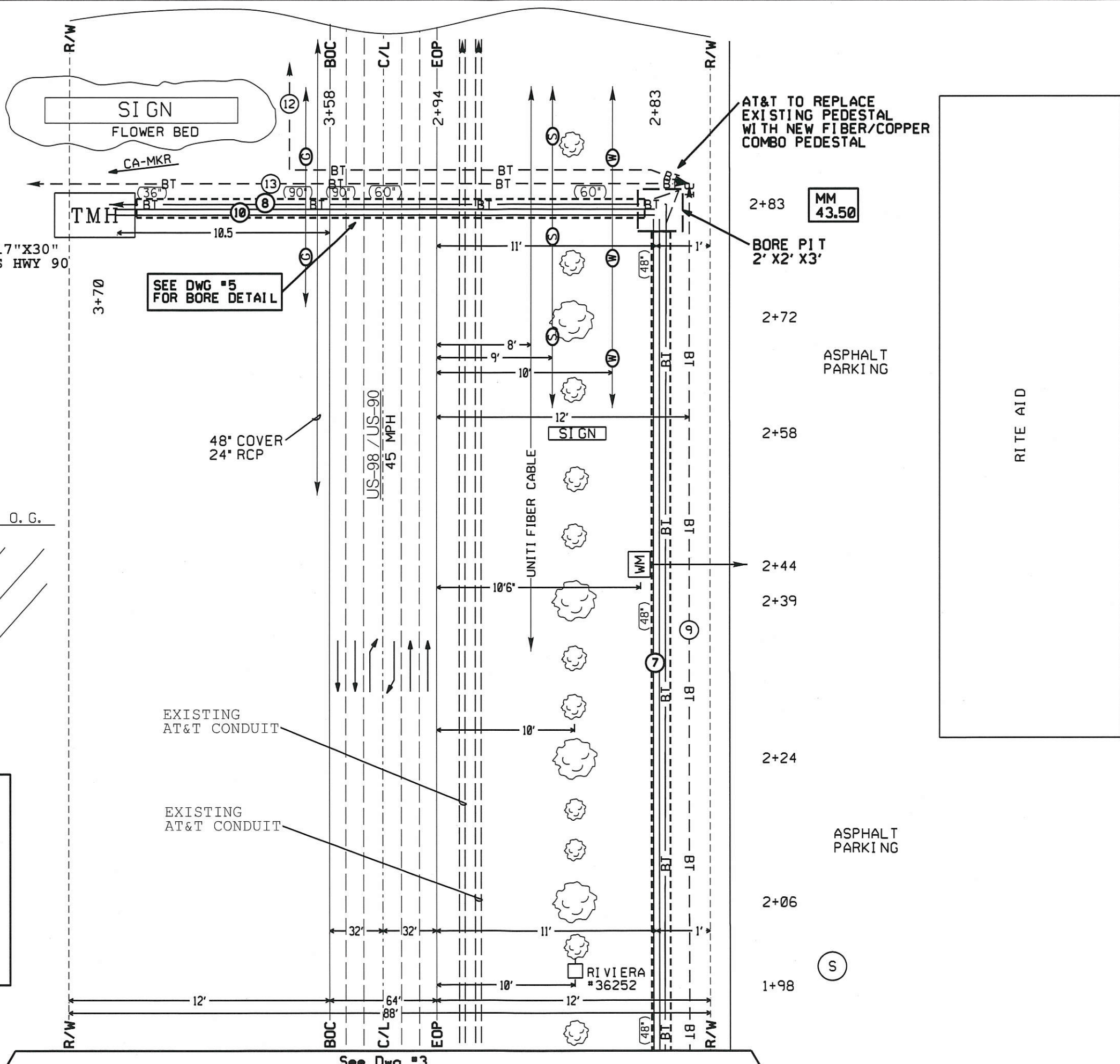
Dwg. 3 of 5

Caution!
HIGH VOLTAGE
JOINT USE
RIVIERA UTILITIES
301-15KV to GROUND
AERIAL & BURIED
CALL
251-626-5000

- 7 PROPOSED AT&T
4" HDPE CONDUIT
- 8 PROPOSED AT&T
BURIED FIBER CABLE
- 9 EXISTING AT&T
BURIED CABLE
- 10 PROPOSED AT&T
4" HDPE CONDUIT
- 12 EXISTING AT&T
BURIED CABLE
- 13 EXISTING AT&T
BURIED CABLE



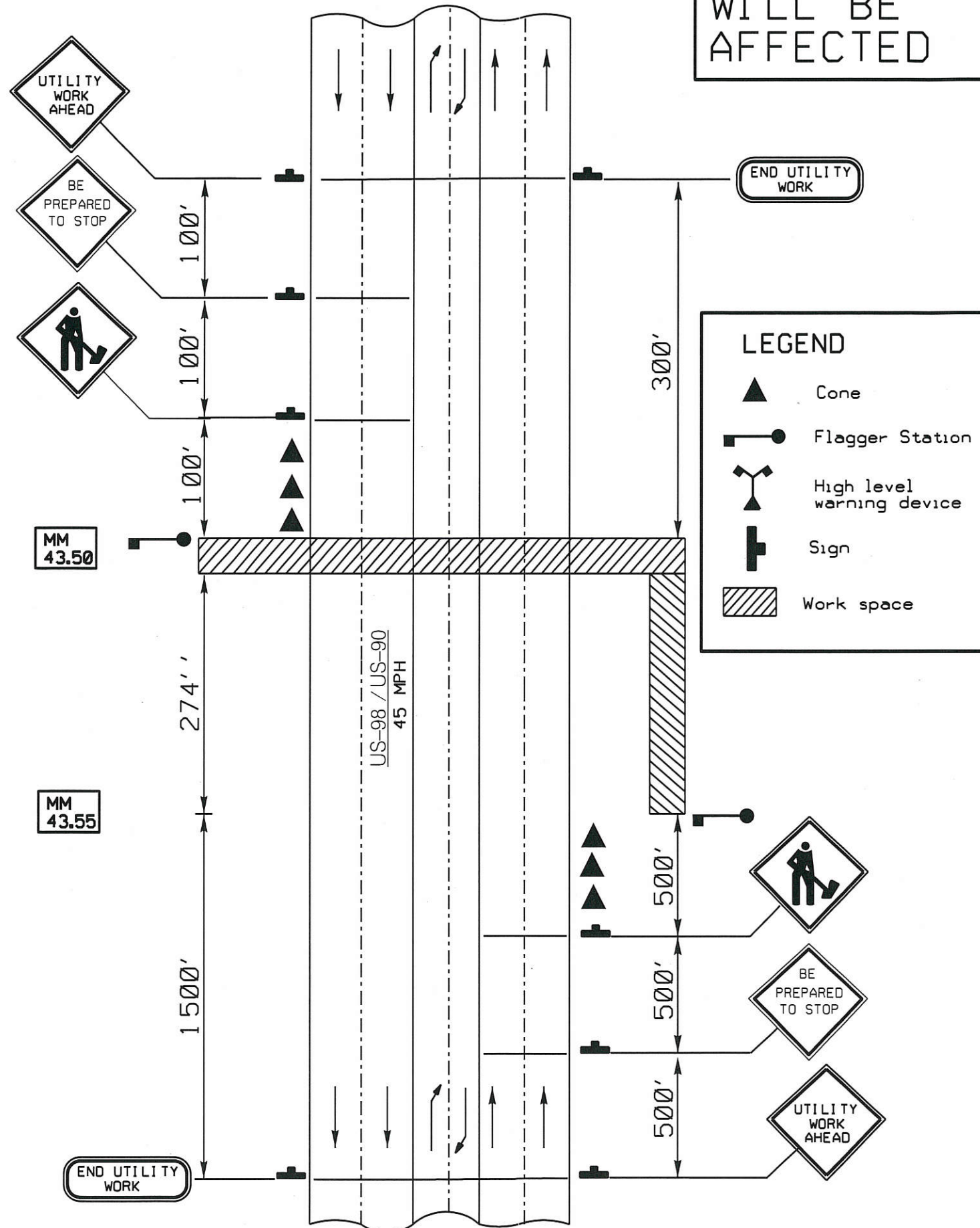
ALABAMA ONE-CALL
1-800-292-8525



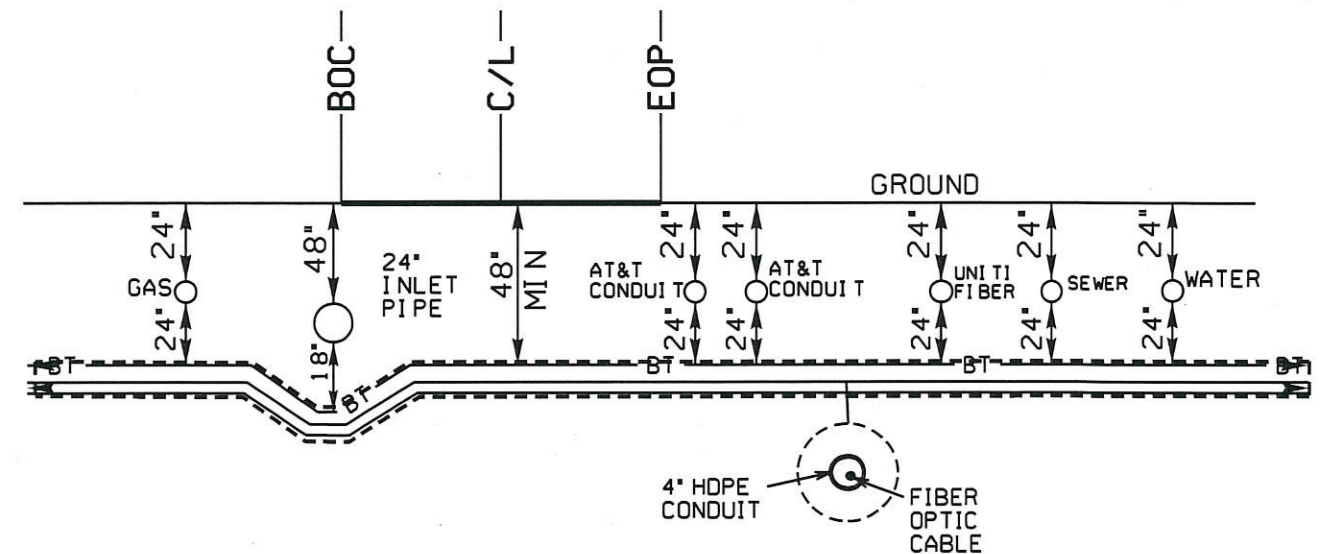
| ATTSE | |
|--|----------------|
| PROPOSED TELEPHONE FACILITIES ON RIGHT OF WAY OF ALDOT | |
| US-90/US-98 | |
| Exchange: | 251626 |
| Designer: | Mitchell, Wade |
| Phone: | 251-471-8361 |
| Authorization: | 81N01306N |
| Dwg. | 4 of 5 |

TRAFFIC CONTROL PLAN

NO TRAFFIC
WILL BE
AFFECTED



BORE DETAIL US-98 / US-90 DWG #4 LOOKING NORTH



ATTSE

PROPOSED TELEPHONE FACILITIES
ON RIGHT OF WAY OF
ALDOT

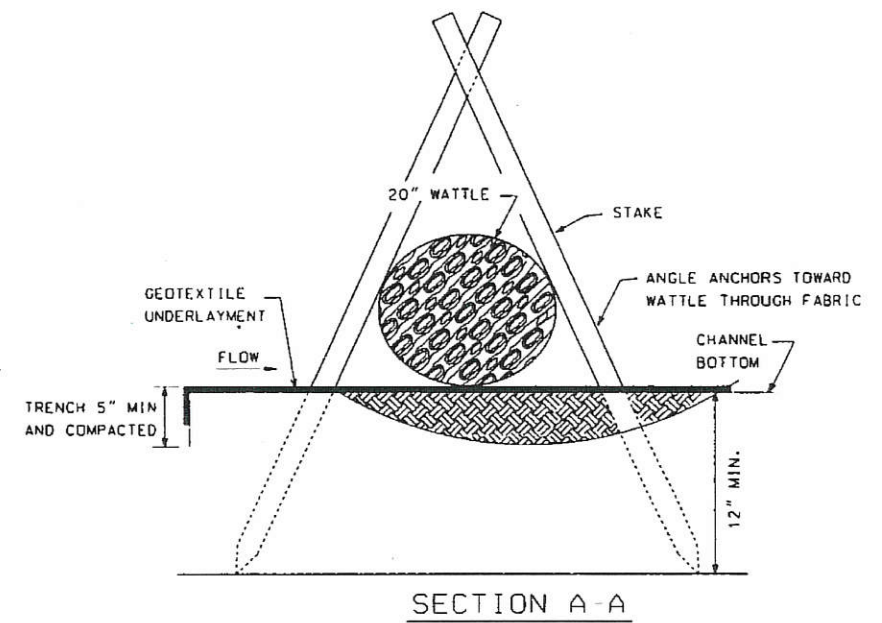
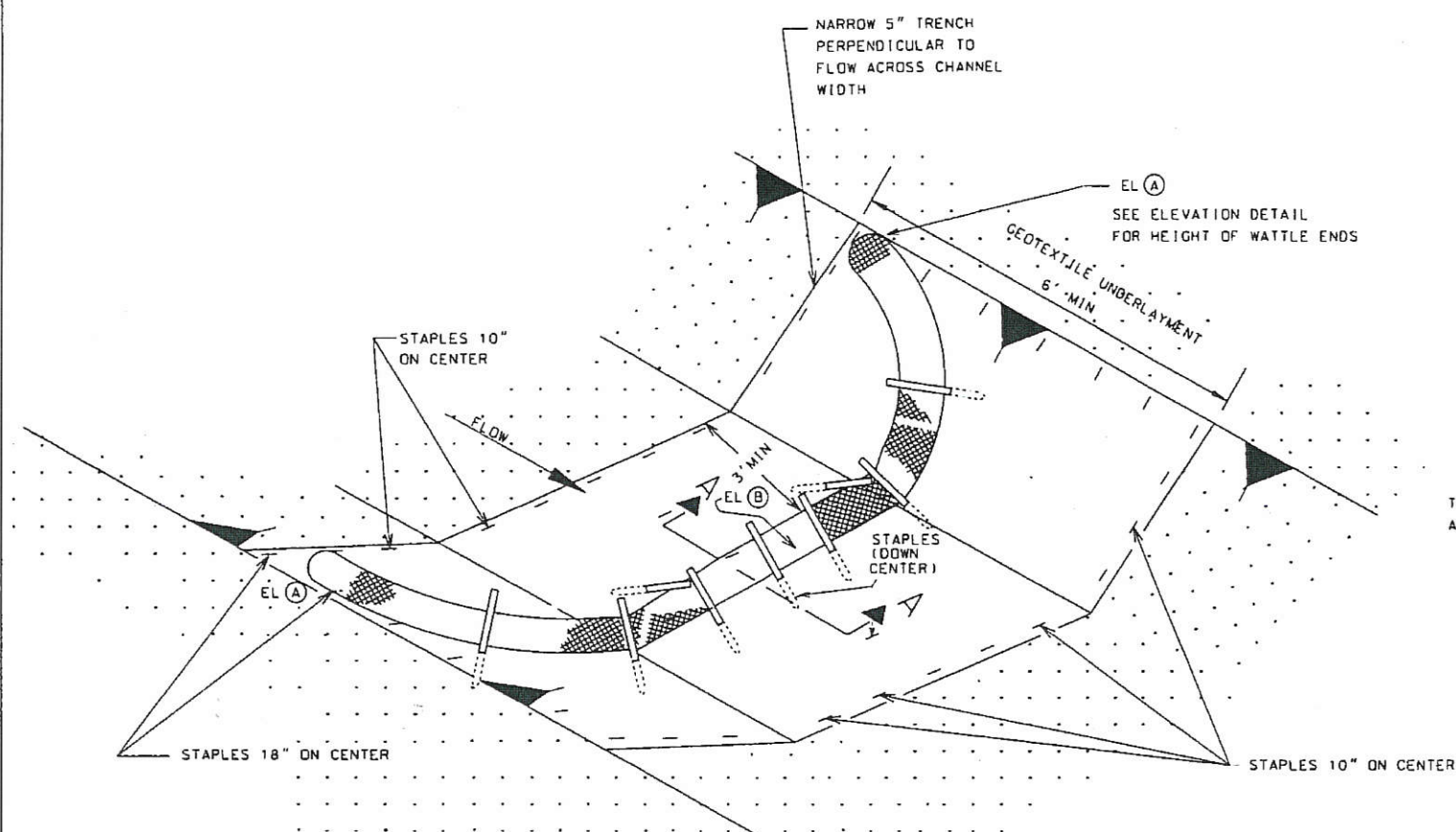
US-90/US-98

Caution!
HIGH VOLTAGE
JOINT USE
RIVIERA UTILITIES
301-15KV to GROUND
AERIAL & BURIED
CALL
251-626-5000

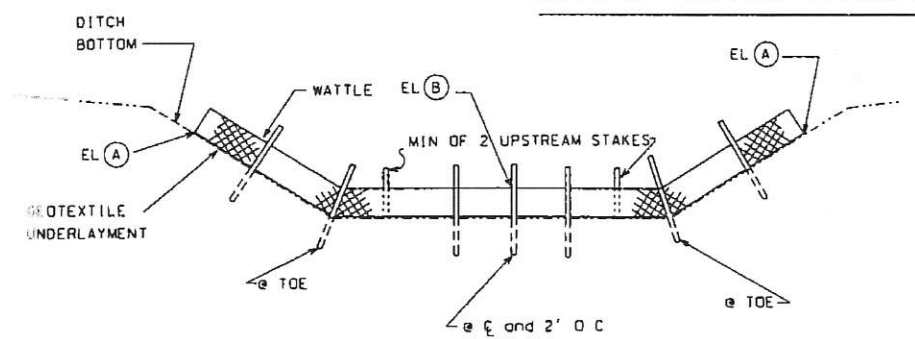
ALABAMA ONE-CALL
1-800-292-8525

Exchange: 251626
Designer: Mitchell, Wade
Phone: 251-471-8361
Authorization: 81N01306N
Dwg. 5 of 5

| REFERENCE PROJECT NO. | FISCAL YEAR | SHEET NO. |
|--------------------------|----------------|--------------|
| | | |



DETAIL (DITCH CHECK)



ELEVATION DETAIL

NOTE: END POINTS (A) MUST BE HIGHER THAN FLOWLINE POINT (B)

- NOTES:
1. MINIMUM RECOMMENDED PLACEMENT INTERVAL BETWEEN WATTLE DITCH CHECK IS 100 FEET UNLESS SHOWN OTHERWISE ON THE PLANS OR APPROVED BY THE ENGINEER. SEE SPACING GUIDANCE ON SHT 1 OF 8.
 2. ANCHORING STAKES SHALL BE SIZED, SPACED, DRIVEN, AND BE OF A MATERIAL THAT EFFECTIVELY SECURES THE CHECK. STAKE SPACING SHALL BE A MAXIMUM OF TWO FEET.
 3. WATTLES SHOULD NOT BE USED IN HARD BOTTOM CHANNELS.
 4. STAPLES SPACED 18 INCHES APART, ALONG THE CHANNEL EDGES AND DOWN THE CENTER OF THE CHANNEL. STAPLES SPACED 10 INCHES APART, ACROSS THE UPSTREAM AND DOWNSTREAM EDGES.

WATTLE DITCH CHECK SELECTION GUIDELINES

WATTLE DITCH CHECKS ARE APPROPRIATE FOR VELOCITY REDUCTION AND CONTROL OF SEDIMENT TRANSPORT UNDER LOW TO MEDIUM FLOW CONDITIONS NOT EXCEEDING 1.0 CU FT/SEC.

--SPECIFICATIONS--
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REVISED:
1. Added to SECTION 4-11 REQUIRED TRENCHING and drainage hole 1/2\"/>

ALABAMA DEPARTMENT OF TRANSPORTATION
1409 COLISEUM BOULEVARD
MONTGOMERY, AL 36103 3050

DESIGN BUREAU SPECIAL DRAWING
DETAILS OF EROSION CONTROL
WATTLE DITCH CHECK

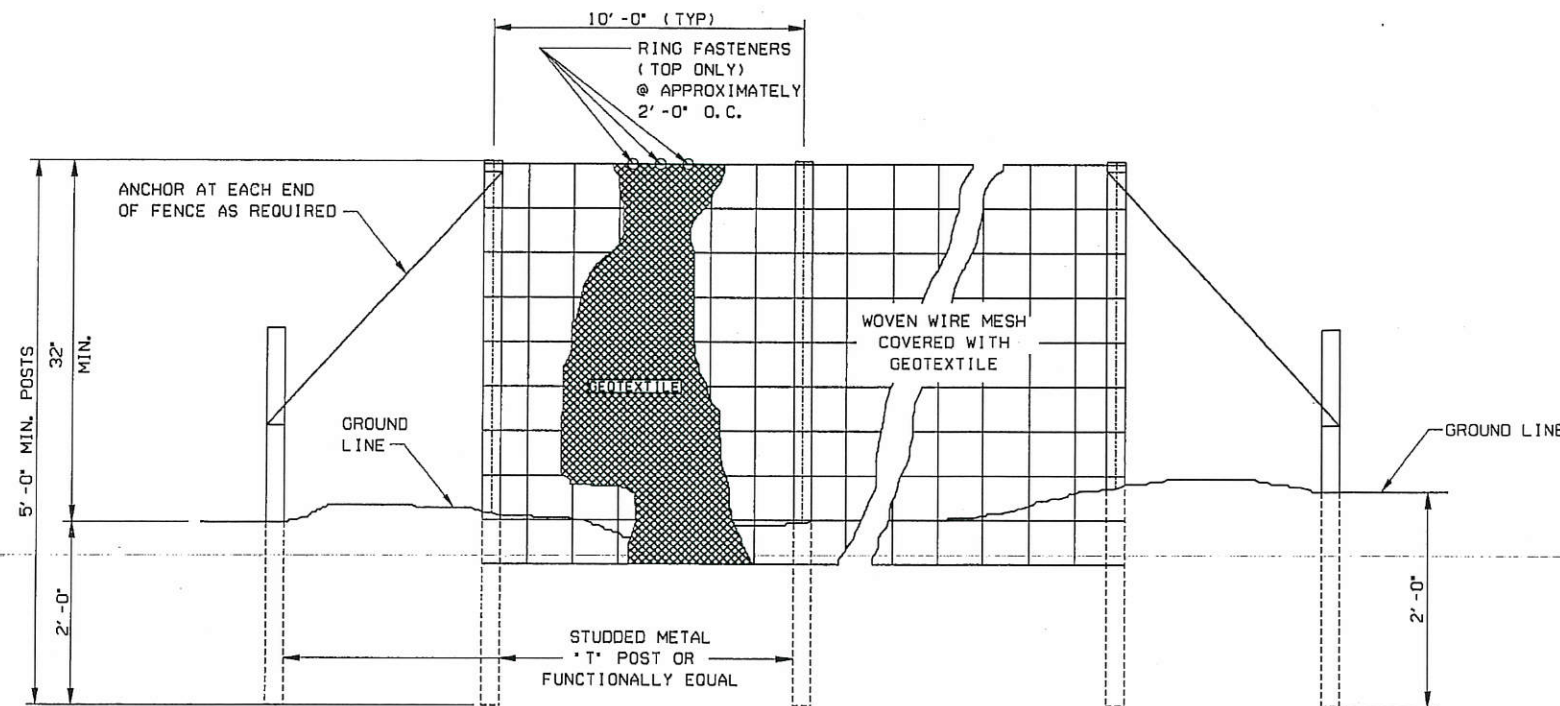
SPECIAL DRAWING NO
ESC-300 (SHEET 4 OF 8)

INDEX NO
1162-C

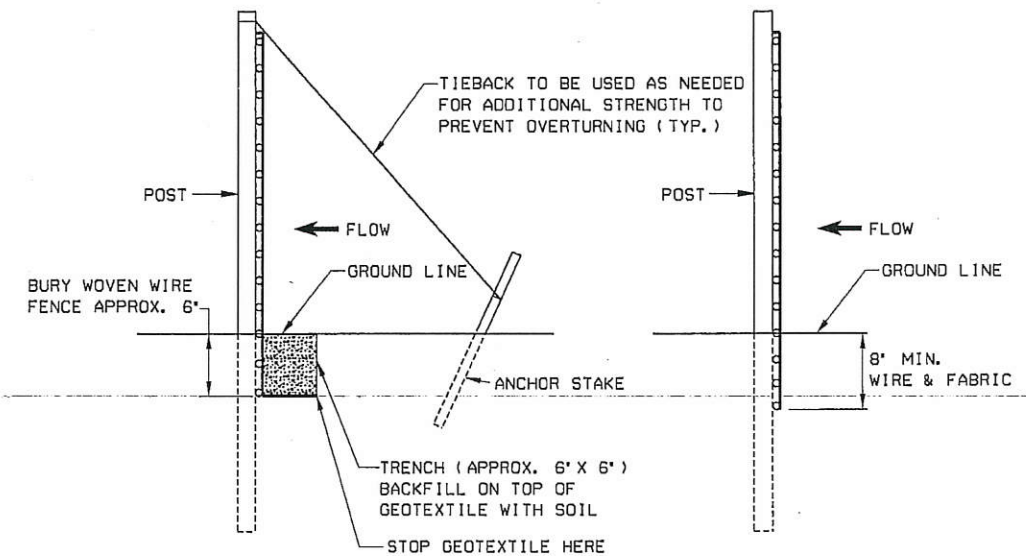
Drawn by: DATE DRAWN: 2005

NOT TO SCALE

| REFERENCE PROJECT NO | FISCAL YEAR | SHEET NO |
|-------------------------|----------------|-------------|
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ELEVATION VIEW

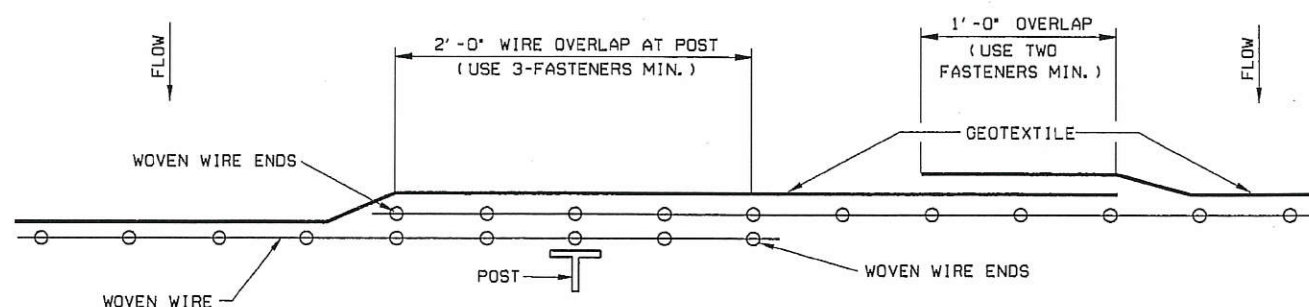


METHOD I

METHOD II
MECHANICAL INSTALLATION

SIDE VIEW

- NOTES:
1. METHOD II FENCE INSTALLATION ALSO TO INCLUDE ANCHORS AND TIEBACKS AS REQUIRED.
 2. SILT FENCE SHALL BE USED IN AREAS WHERE FLOW IS LOW TO MODERATE OR AS DIRECTED BY THE ENGINEER.
 3. SILT FENCES ARE TEMPORARY SEDIMENT CONTROL ITEMS THAT SHALL BE ERECTED DOWN GRADE OF ERODIBLE AREAS SUCH AS NEWLY GRADED FILL SLOPES AND ADJACENT TO STREAMS AND CHANNELS.
 4. SILT FENCE SHOULD BE PLACED WELL INSIDE RIGHT-OF-WAY AND ALONG EDGE OF CLEARING LIMITS. THIS WILL ALLOW ROOM FOR ADDITIONAL BEST MANAGEMENT PRACTICES SUCH AS VEGETATED BUFFERS.
 5. WHEREVER POSSIBLE SILT FENCES SHALL BE CONSTRUCTED ACROSS A LEVEL AREA IN THE SHAPE OF A SMILE. THIS AIDS IN PONDING OF RUNOFF AND FACILITATES SEDIMENTATION.
 6. THE CONTRACTOR MAY ELECT TO USE EITHER INSTALLATION METHOD I OR METHOD II.
 7. METHOD II INSTALLATION SHALL BE ACCOMPLISHED USING AN IMPLEMENT THAT IS MANUFACTURED FOR THE APPLICATION AND PROVIDES A CONFIGURATION MEETING THE REQUIREMENTS OF THE DETAIL.
 8. SEE ADOOT LIST II-3 FOR APPROVED SILT FENCE GEOTEXTILES.



PLAN VIEW
REQUIRED LAPPING

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REVISIONS
1. Revised Fence height and deleted (Type A) from the Silt Fence description on 07-12-07 by W.W.A.
2. Revised Notes 2, 3, 4, 5 and added No. 8 on 09-02-11 by J.F.T.



ALABAMA DEPARTMENT
OF TRANSPORTATION
1409 COLISEUM BOULEVARD
MONTGOMERY, AL 36130-3050

DESIGN BUREAU SPECIAL DRAWING
DETAILS OF SILT FENCE INSTALLATION

DRAWN BY: _____
DATE DRAWN: 2006

SPECIAL DRAWING NO
ESC-200 (SHEET 4 OF 4) INDEX NO
1161-C

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