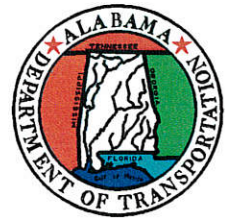




KAY IVEY  
GOVERNOR

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

December 26, 2017

Baldwin County Sewer Service, LLC  
14747 Underwood Rd.  
Summerdale, AL 36580

Dear Sir:

**RE: Permit Number:** 9-2-10818  
**Baldwin County**

**Permit Expiration Date:** December 26, 2018


Attached please find an approval for tapping the existing 6" HDPE SFM on the North side of US-90 and installing 64 LF of 1.5" HDPE/Municipex at address 4035 Battleship Pkwy.

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 TYPE FACILITIES ON PUBLIC RIGHT-OF-WAY

County	<u>Baldwin</u>	<div style="border: 1px solid black; padding: 5px;"><i>FOR OFFICIAL USE ONLY</i> DATE RECEIVED FROM APPLICANT: <u>12/07/17</u> PERMIT NUMBER: <u>9-2-10818</u> AMOUNT DUE ANNUALLY: _____</div>
Route Number	<u>US-90</u>	
Milepost	<u>40.80</u>	
Bonding Agency	<u>Western Surety Company</u>	
Bond Number	<u>42939060</u>	
Length of Facility		<u>64LF</u>
Associated Permits and/or Documents <u>NA</u>		

THIS AGREEMENT is entered into this the 29th day of November, 20 17, by and between the Alabama Department of Transportation acting by and through its Transportation Director hereinafter referred to as ALDOT and BCSS, 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, on the maintenance section being designated as US-90 MP 40.80, and consisting approximately of the following: Tapping the existing 6" HDPE SFM on the North side of US-90 and installing 64LF of 1.5" HDPE/Municipex at address 4035 Battleship Pkwy  
\_\_\_\_\_; 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 APPLICANT as approved by ALDOT so as not to interfere with the maintenance of the highway, which plans are made a part of this permit by reference. Any variation from the approved plans will require approval from ALDOT.

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 stormwater 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 \$ 25,000 (Bond Number: 42939060) 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 their official 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 the 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. If at any time it is determined by ALDOT that any or all of the APPLICANT'S facilities covered by this Agreement need to be relocated, repaired or removed within or from ALDOT right-of-way, the APPLICANT will accomplish such relocation, repair or removal, within one hundred eighty days from the date of written notice therefor from ALDOT. Relocation, repair or removal will be at the sole expense of the APPLICANT, and the APPLICANT hereby waives any claim to any payment for cost and expense incurred therefor.

19. In the event the APPLICANT fails to commence the relocation, repair or removal of its facilities within or from ALDOT right-of-way within thirty (30) days from the date of written notice from ALDOT to the APPLICANT seeking any such relocation, repair, or removal or in the event it is determined by ALDOT that the APPLICANT will not accomplish the relocation, repair or removal within the time period of one hundred eighty days from commencement, ALDOT may in the discretion of the Transportation Director, on the happening of either event above stated, cause the relocation, repair or removal to be accomplished in a manner acceptable to ALDOT and the APPLICANT will promptly reimburse ALDOT for any and all sums actually expended for and in any way connected with such relocation, repair or removal by ALDOT. The APPLICANT does hereby release ALDOT, its officers, officials, employees, and agents from any and all loss, claims, and liability arising or resulting to the APPLICANT from the acts by ALDOT above stated. Notwithstanding the foregoing, any repair deemed to be an emergency by ALDOT must be addressed immediately upon notification or said repair may be done at the APPLICANT's expense and the applicant agrees to pay ALDOT all such costs as a result.

20. The APPLICANT will pay ALDOT the sum of \$ NA annually, for each mile of NA placed on the ALDOT right-of-way. The first payment will be made at the time of execution of this Agreement and subsequent payments will be made annually on the anniversary date of the Agreement. The APPLICANT will pay an additional ten percent (10%) of the amount due for each month that the scheduled payment is delinquent. Should the payment be delinquent by more than twelve months the facilities will be considered abandoned by the APPLICANT and the APPLICANT does hereby on the happening of such event relinquish all rights to the facilities, including ownership, and ALDOT will have and is hereby granted the authority and right to dispose of the facilities as deemed appropriate by ALDOT.

21. The APPLICANT stipulates that the specific use of these facilities located upon public right-of-way is to transport sanitary sewer to a nearby WWTP

\_\_\_\_\_. 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 29th day of November, 2017.

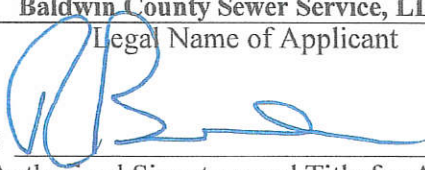
WITNESS:



Baldwin County Sewer Service, LLC.

Legal Name of Applicant

By:

  
Authorized Signature and Title for Applicant

Richie Barnett

Typed or Printed Name of Signee

14747 Underwood Rd.

Address Line 1

Summerdale, AL 36580

Address Line 2

251-971-3022

Telephone Number

**FOR OFFICIAL USE ONLY**

**RECOMMENDED FOR APPROVAL:**

DISTRICT: \_\_\_\_\_  
Printed Name

  
Signature

12-26-17  
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: \_\_\_\_\_  
Printed Name

  
Signature

12-26-17  
Date



# Western Surety Company

## CONTINUATION CERTIFICATE

Western Surety Company hereby continues in force Bond No. 42939060 briefly described as RIGHT OF WAY  
\_\_\_\_\_  
for BALDWIN COUNTY SEWER SERVICE, LLC  
\_\_\_\_\_, as Principal,  
in the sum of \$ TWENTY-FIVE THOUSAND AND NO/100 Dollars, for the term beginning October 15, 2017, and ending October 15, 2018, subject to all the covenants and conditions of the original bond referred to above.

This continuation is issued upon the express condition that the liability of Western Surety Company under said Bond and this and all continuations thereof shall not be cumulative and shall in no event exceed the total sum above written.

Dated this 25 day of September, 2017.



WESTERN SURETY COMPANY

By Paul T. Bruhat  
Paul T. Bruhat, Vice President

**THIS "Continuation Certificate" MUST BE FILED WITH THE ABOVE BOND.**



Revised May 1994

COPY

BOND  
FOR PERFORMANCE OF THE WORK

STATE OF ALABAMA  
Baldwin COUNTY

Bond No.: 42939060

KNOWN ALL MEN BY THESE PRESENTS: That we Baldwin County Sewer Service, LLC  
\_\_\_\_\_, as Principal, and Western Surety Company  
\_\_\_\_\_, as Surety, are held and firmly bound unto the  
**COPY**  
ALABAMA DEPARTMENT OF TRANSPORTATION, in the penal sum of Twenty-Five Thousand  
and no/100----- for the payment of which well and truly to be made, we hereby bind ourselves,  
our heirs, executors, administrators, successors and assigns.

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals, this  
15th day of October, 2002.

PROVIDED, HOWEVER, that the condition of this obligation is such that whereas the above-  
bound principal hereon, Namely, Baldwin County Sewer Service, LLC this day entered  
into a permit Contract as applicant with the ALABAMA DEPARTMENT OF TRANSPORTATION for  
work on highway right of way, work maintenance and, highway work area restoration and  
maintenance required by the Department as provided for in the permit contract, to be performed  
in Blanket Bond for Baldwin County, Alabama, Highway Number  
All Highways, a copy of which permit Contract is hereto attached.

NOW, THEREFORE, in the event the said Baldwin County Sewer Service, LLC  
as such applicant shall faithfully and promptly perform the permit contract and all the conditions and  
requirements thereof, then this obligation shall be null and void and of no effect, otherwise to remain  
and be in full force and effect.

PROVIDED, further, that upon the failure of the said Baldwin County Sewer Service, LLC, as such applicant, to promptly and efficiently prosecute said permit contract work, work maintenance and highway work area restoration and maintenance, in any respect, in accordance with the permit contract, the above bound Western Surety Company as Surety, shall take charge of said work, work maintenance and highway work area restoration and maintenance, and complete the permit contract at their own expense, pursuant to its terms. Said Surety may, if they so elect, by written direction given to the State Transportation Director authorize the Director to complete or cause to be completed the said permit contract work, work maintenance and highway work area restoration and maintenance at the expense of said Surety, and such Surety hereby agrees and binds Surety to pay the cost and expense of the completion of such permit contract work, work maintenance and highway work area restoration and maintenance.

**P** in the event said Principal shall fail or delay the prosecution and completion of said permit contract work, work maintenance and highway work area restoration and maintenance and said **I** Surety shall also fail to act promptly as hereinbefore provided, then said Transportation Director may cause ten days notice of such failure to be given, either to said Principal or Surety, and at the expiration of said ten days, if said Principal or Surety do not proceed promptly to complete the permit contract, including all work provided therein, the ALABAMA DEPARTMENT OF TRANSPORTATION shall have the authority to cause said permit contract work, work maintenance and highway work area restoration and maintenance to be done and accomplished and when the same is completed and the cost thereof determined, the said Principal and Surety shall and hereby agree to pay any and all cost of said permit contract work, work maintenance and highway work area restoration and maintenance.

The said Principal and Surety further agree as part of this obligation to pay all such damages of any kind to person or property that may result from a failure in any respect to perform and complete said permit Contract including all work therein provided.



The decision of the Director of the Alabama Department of Transportation upon any question connected with the execution of the permit Contract, or any failure or delay in the prosecution of the permit contract work, work maintenance and highway work area restoration and maintenance by said Principal or Surety, shall be final and conclusive.

WITNESS our hands and seals, this 17th day of October, 2002.

ATTEST:

COPY  
(Name and Title)

\_\_\_\_\_  
(Signature of Applicant Official)

\_\_\_\_\_  
(Title of Officer Signing)

(Affix)  
(Seal) Western Surety Company  
Name of Surety

Baldwin County Sewer Service, LLC  
Legal Name of Applicant (Company) as Principal  
14747 Underwood Road  
Summerdale, AL 36580  
Address

By: Marsa R. McNeil  
Attorney in Fact - for Surety

NOTICE TO ALABAMA RESIDENT AGENT

Countersigned by Alabama  
Resident Agent for Surety:

Please print or write legibly  
your name and complete  
address below:

Marsa R. McNeil  
Name  
Willis of Alabama, Inc.  
51 St. Joseph St., Mobile, AL 36602  
Address

Marsa R. McNeil

(A copy of the Power of Attorney properly executed by the Company authorizing the Agent signing above to bind the Company as Surety on this Bond must be attached hereto. Said Power of Attorney must be dated so as to correspond with the execution date of the bond.)





# NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

PERMITTEE: Baldwin County Sewer Service, LLC  
Post Office Box 1628  
Foley, Alabama 36536

FACILITY LOCATION: Spanish Fort Sewer WWTP (0.25 MGD)  
12840 Highway 90 (1.0 MGD)  
Loxley, Alabama  
Baldwin County

PERMIT NUMBER: AL0042234

RECEIVING WATERS: Bay Branch, Fish River (Stormwater)

*In accordance with and subject to the provisions of the Federal Water Pollution Control Act, as amended, 33 U.S.C. §§1251-1378 (the "FWPCA"), the Alabama Water Pollution Control Act, as amended, Code of Alabama 1975, §§ 22-22-1 to 22-22-14 (the "AWPCA"), the Alabama Environmental Management Act, as amended, Code of Alabama 1975, §§22-22A-1 to 22-22A-15, and rules and regulations adopted thereunder, and subject further to the terms and conditions set forth in this permit, the Permittee is hereby authorized to discharge into the above-named receiving waters.*

ISSUANCE DATE: DECEMBER 30, 2011

EFFECTIVE DATE: MARCH 1, 2012

EXPIRATION DATE: FEBRUARY 28, 2017

Currently operating on this permit. ADEM has issued an extension while water monitoring is being conducted.

*Glenn A. Dean*  
Alabama Department of Environmental Management



BCSS  
14747 Underwood Rd.  
Summerdale, AL 36580

ALDOT  
Permit Department  
47450 Rabun Rd.  
Bay Minette, AL 36507

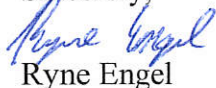
RE: Vermeer D20 X 22 Directional Boring Machine

To Whom It May Concern,

The Vermeer D20 X 22 has a drilling fluid pump that is capable of a maximum flow rate of 50 GPM at 1000 PSI. The normal boring flow rate can vary, but for most soil conditions is 6-10 GPM. The pressure can vary also, but the bore pressure at 10 GPM should be 300 PSI. The machine's weight is 10,850 pounds. It also has a spindle torque of 2,250 ft-lb and a thrust/pullback of 19,950 pounds. The type of fluid to be used is a mixture of water and bentonite produced by Max-Gel. The size of the drill head is 6", and 6" reamer will be used on this specific job. Dimensions of the boring machine are as follows: Length = 204", Width = 47.5", Height = 74".

Please feel free to contact me at 251-284-2122 with any additional questions.

Sincerely,



Ryne Engel

BCSS  
Engineer of Record

# UTILITY PERMIT CHECKLIST

REV. April 2017

SW Region-Mobile Area

Applicant BCSS Route US-90 Milepost 40.80

- ❖ 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.html](http://www.dot.state.al.us/maweb/permits__operations.html)
- ❖ 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



☒ 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.   X   All meters are to be installed off of ALDOT right-of way.
  2.   X   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 See Plan View
  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: <0.1 acre(s). (On & Off ROW combined)
18. X Water lines will conform to the currently applicable standards of the *American Water Works Association*.
19. X 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 RE
  - b. 811 Locate Request # 173313003
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. X 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) 40.80 to 40.80 Speed Limit 55 MPH Stopping Site Distance 1000'
31. X Is drainage/ runoff from this site directed onto state ROW? (circle) YES ☒ or ☐ NO Engineer Initials RE
32. X Are utility conflicts present or is utility relocation required for this project to meet specifications? (circle) YES ☐ or ☒ NO Engineer Initials RE
33. X Shall minimum cover over utilities be maintained upon completion of work (circle) YES ☒ or ☐ NO Engineer Initials RE
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: \_\_\_\_\_  
\_\_\_\_\_

	BCSS	
	14747 Underwood Rd.	
BCSS	Summerdale, AL 36580	12-4-2017
Applicant	Applicant's Mailing Address	Date

251-971-3022	@baldwincountysewer.com
Applicant's Phone Number	Applicant's E-mail address

Ryne Engel
Engineer of Record

251-284-2122	Rengel@baldwincountysewer.com
Engineer's Phone Number	Engineer' E-mail address

Same as above  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Mailing Address for Approved Permit



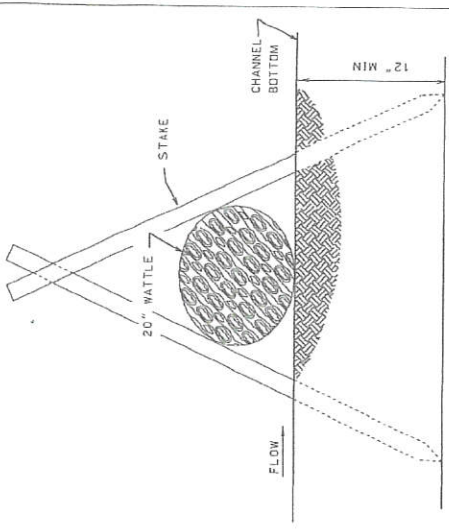


# US-98 MP 40.80 Vicinity Map

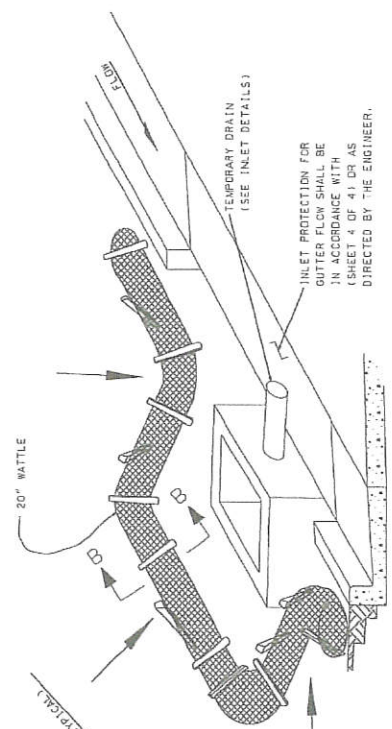




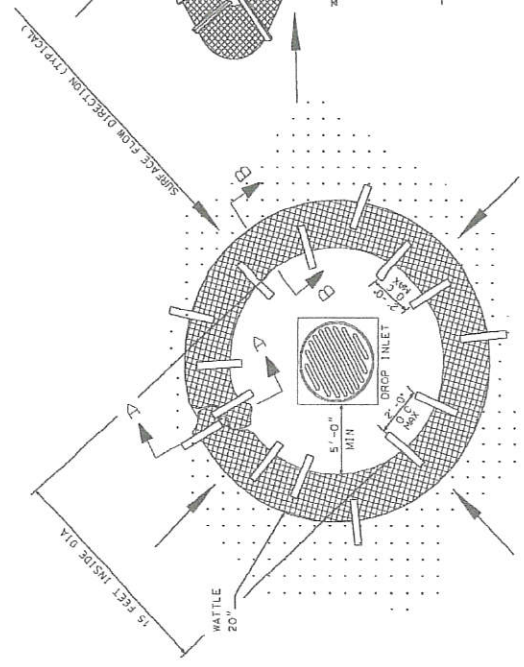
REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.



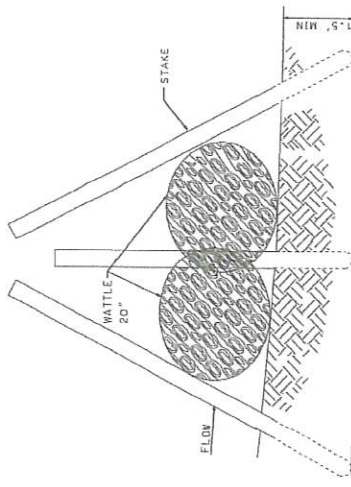
SECTION B-B



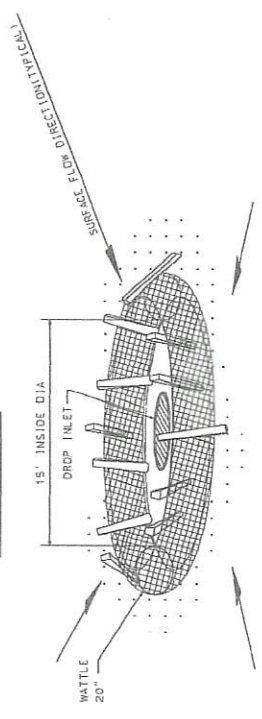
CURB INLET PROTECTION (STAGE 2)  
SINGLE OR DOUBLE WING INLET



PLAN VIEW



SECTION A-A



DROP INLET PROTECTION

- NOTES:
1. ANCHORING STAKES SHALL BE SIZED, SPACED, AND BE OF A MATERIAL THAT EFFECTIVELY SECURES THE WATTLE. STAKE SPACING SHALL BE A MAXIMUM OF TWO FEET.
  2. OVERLAP ENDS OF WATTLES PER MANUFACTURERS RECOMMENDATIONS 11" MIN. 3" MAX.
  3. SEE ALDOT LIST 11-24 FOR APPROVED WATTLES.
  4. SILT FENCE OR SAND BAGS MAY ALSO BE USED FOR THIS APPLICATION. HAY BALES NOT ACCEPTABLE DURING THIS STAGE.

---SPECIFICATIONS---

THIS DRAWING REPRESENTS MINIMUM STANDARDS FOR USE BY THE ALABAMA DEPARTMENT OF TRANSPORTATION AND IS NOT TO BE CONSIDERED AN ALTERNATE OR A SUBSTITUTE FOR THE STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, ALABAMA EDITION, 2008. ANY DEVIATION FROM THESE STANDARDS SHALL BE THE RESPONSIBILITY OF THE USER. THIS DRAWING IS THE PROPERTY OF THE ALABAMA DEPARTMENT OF TRANSPORTATION AND SHALL BE RETURNED TO THE ALABAMA DEPARTMENT OF TRANSPORTATION UPON REQUEST.

ALABAMA DEPARTMENT OF TRANSPORTATION  
DESIGN DIVISION  
DESIGN DIVISION SPECIAL DRAWING

INLET PROTECTION DETAILS  
OF WATTLES

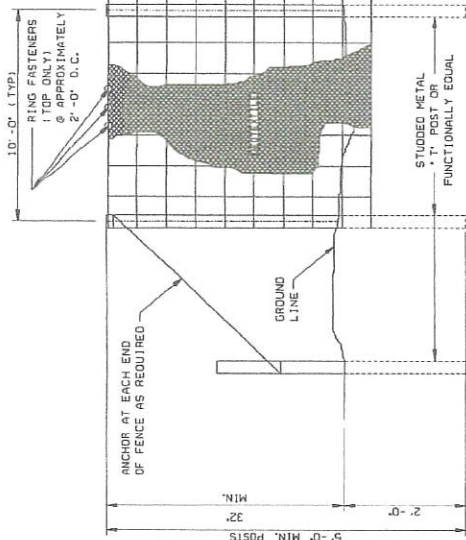
ESC-400 (SHEET 3 OF 4) 1163-B

DATE: 11/11/2008

NOT TO SCALE



REFERENCE PROJECT NO.	FISCAL YEAR	SHEET NO.



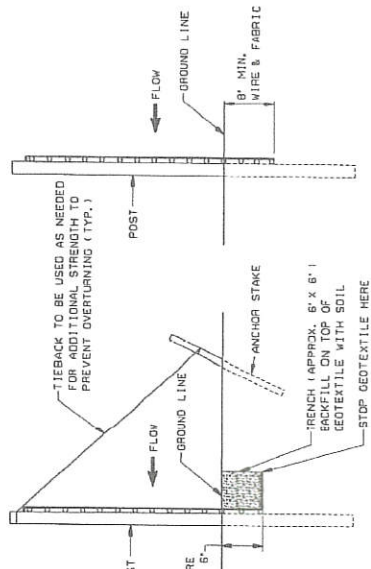
ELEVATION VIEW

NOTES:

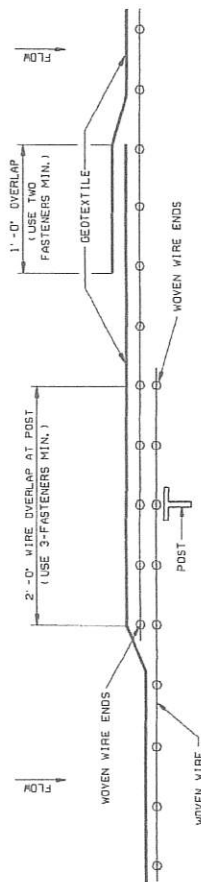
1. METHOD 11 FENCE INSTALLATION ALSO TO INCLUDE ANCHORS AND TIEBACKS AS REQUIRED.
2. SILT FENCE SHALL BE USED IN AREAS WHERE FLOW IS LOW TO MODERATE OR AS DIRECTED BY THE ENGINEER.
3. SILT FENCES ARE TEMPORARY SEDIMENT CONTROL ITEMS THAT SHALL BE ERECTED DOWN GRADE OF ERODIBLE AREAS SUCH AS NEWLY GRADED 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 SEDIMENTATION.
6. THE CONTRACTOR MAY ELECT TO USE EITHER INSTALLATION METHOD 1 OR METHOD 11.
7. METHOD 11 FENCE INSTALLATION SHALL BE ACCOMPLISHED USING AN IMPLEMENT THAT IS CAPABLE OF TIGHTENING AND PROVIDES A CONFIGURATION MEETING THE REQUIREMENTS OF THE DETAIL.
8. SEE ALDOT LIST 11-3 FOR APPROVED SILT FENCE GEOTEXTILES.

METHOD 1

METHOD 11  
MECHANICAL INSTALLATION



SIDE VIEW



PLAN VIEW

REQUIRED LAPPING

--SPECIFICATIONS--

CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION  
THIS DRAWING REPRESENTS STANDARD PRACTICE FOR THE ALABAMA DEPARTMENT OF TRANSPORTATION AND IS NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF THE ALABAMA DEPARTMENT OF TRANSPORTATION. ANY CHANGES TO THIS DRAWING MUST BE APPROVED BY THE ALABAMA DEPARTMENT OF TRANSPORTATION. ANY CHANGES TO THIS DRAWING MUST BE APPROVED BY THE ALABAMA DEPARTMENT OF TRANSPORTATION.

ALABAMA DEPARTMENT OF TRANSPORTATION  
STATE CAPITAL BUILDING  
MONTGOMERY, ALABAMA 36103  
DATE: 11/17/07

DETAILS OF SILT FENCE INSTALLATION

ESC-200 (SHEET 4 OF 4)

NOT TO SCALE

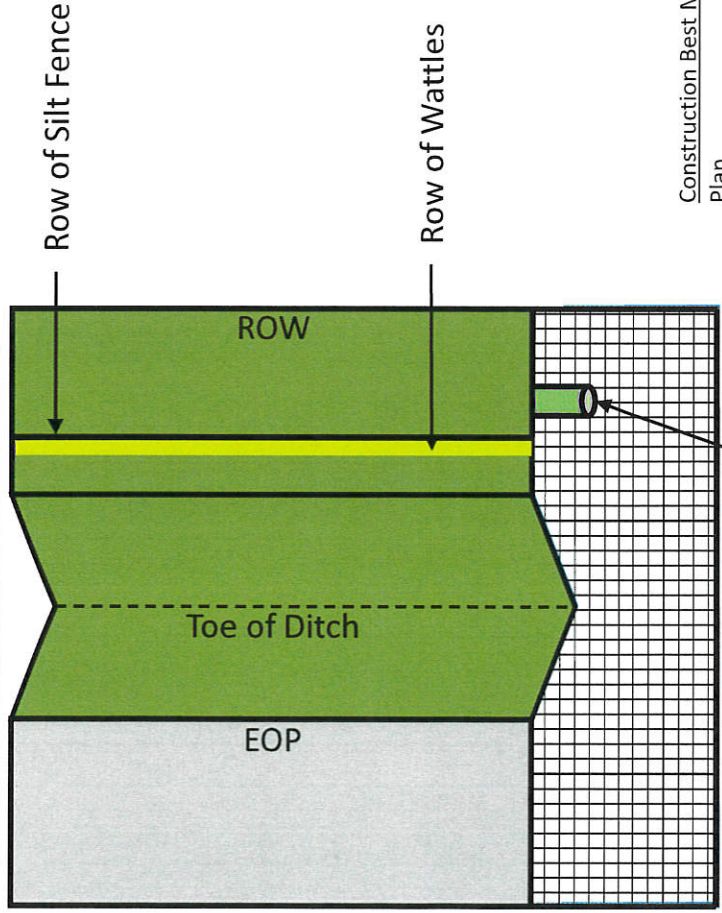
**Permit General Notes**

- All meters are to be installed off of ALDOT right-of way.
- All manholes, valve boxes, and hand holes should be flush with existing ground.
- Contact District Manager 48 hours prior to beginning work on ALDOT right-of-way. The District Engineer for area 9 Baldwin County is: (92) Baldwin County – Samuel Palmer, (251) 937-2086
- 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.
- If applicable, the bond associated with the permit will be good for one full year after the work is accepted by the Department.
- 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.)
- Onsite representatives: **Campbell Noonan/251-424-3202 Ryne Engel/251-284-2122**
- Onsite representatives will have on hand, at all times:
  - (1) Approved permit and plans stamped by the Division Engineer
  - (2) Traffic Control Plans
  - (3) Erosion Control Plans
- All disturbed areas will be sodded or seeded as directed by the Department of Transportation's District Administrator.
- All work on the ROW will be in conformance with the latest edition of ALDOT Standard Specifications.
- Electric power and communication facilities will conform with the current applicable *National Electrical Safety Code*
- 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, hay bales, and any other erosion control items needed shall be used to prevent erosion. (NO HAYBALES ARE ALLOWED IN ROW)
- All trees over 4" shall not be cut/removed without written permission from ALDOT.
- 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.)
- Upon completion & any time thereafter, ALDOT retains the right to request an As-Built profile on any buried utilities in said department's ROW.
- 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.
- The total area to be disturbed during construction of this permit: <0.1 \_\_\_\_\_ acre(s). (On & Off ROW combined)
- Water lines will conform with the currently applicable standards of the *American Water Works Association*
- Pressure pipe lines will conform with the currently applicable sections of *American National Standards Institute (ANSI)*
- As required by Alabama Act 94-487: Call two working days before excavation 1-800-292-8525, Alabama Line Location Center, Inc.
- 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 **RE**
  - b. 811 Locate Request # **173313003**
- 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.
- 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.
- 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).
- 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.
- 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.
- 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
- 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.
- 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.
- Milepost(s) **40.80** Speed Limit **55 MPH** Stopping Site Distance **1000'**
- Is drainage/ runoff from this site directed onto state ROW? (circle) **YES** or **NO** Engineer Initials **RE**
- Are utility conflicts present or is utility relocation required for this project to meet specifications? (circle) **YES** or **NO** Engineer Initials **RE**
- Shall minimum cover over utilities be maintained upon completion of work? (circle) **YES** or **NO** Engineer Initials **RE**
- The legal permit applicant is held responsible and liable for all damages, actions, or responsibilities of their appointed contractors and appointees.



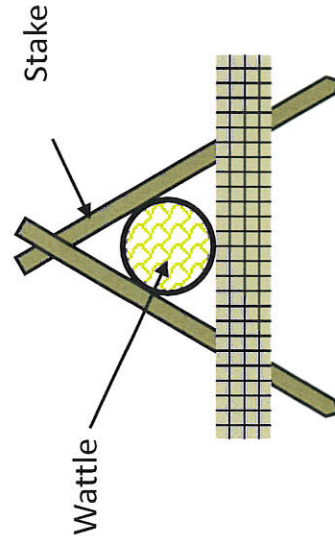
# Erosion Control Plan

## Typical Roadway Trench Detail



Sewer Line

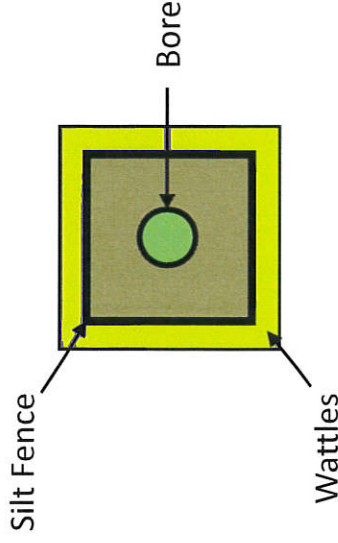
## Staked Wattle Detail



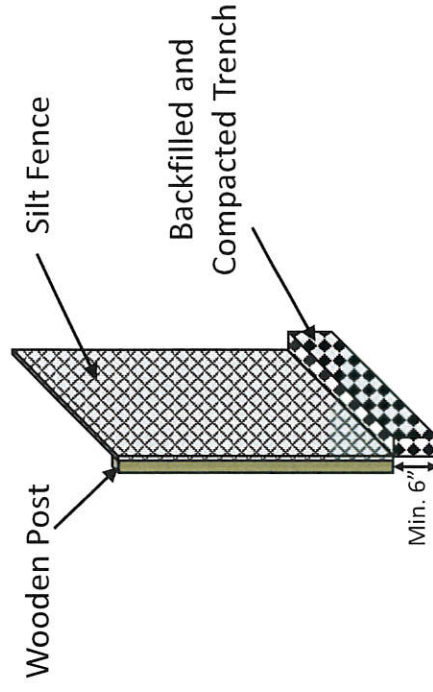
Notes:

- Not to Scale
- All wattles to be staked
- Silt fence to be ALDOT approved
- Site to be sodded after completion

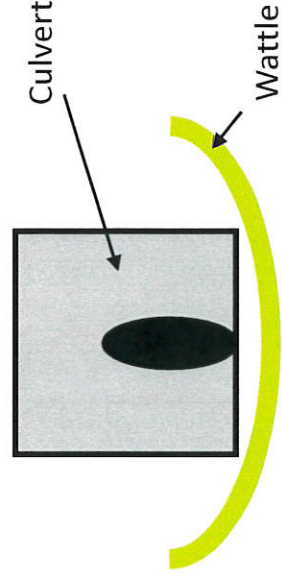
## Typical Bore Pit Location



## Silt Fence Detail



## Typical Culvert Detail



## Construction Best Management Practices Plan

- Disturb only the areas necessary to perform work indicated. Maintain existing vegetation wherever possible.
- Bring disturbed area to pre-construction grade.
- Install seed and mulch to all disturbed areas, using seasonally appropriate seed. Sod may also be used.
- Install wattle supported silt fence with backfill.
- Where necessary, designate vehicle access area. Install 6" min. depth of limestone in vehicle access area.

## Typical Maintenance

- Silt Fence – Repair or replace damaged areas immediately.
- Remove sediment that leaves disturbed areas to prevent/reduce offsite impacts.
- Install additional seed/sod/mulch as needed until vegetation is well established.
- Maintain 6" min. depth of rock in vehicle access area.

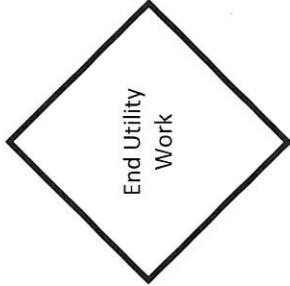
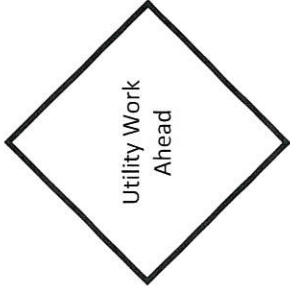
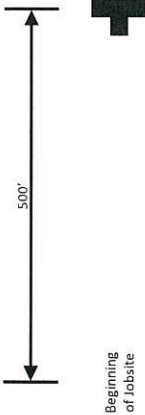
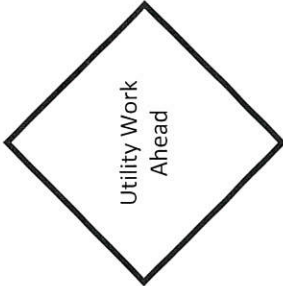
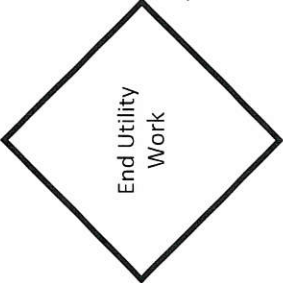
## Upon Completion of Utility Installation

- Remove all temporary erosion control devices.
- Bring disturbed areas to pre-construction grade.
- Install seed/sod/mulch to all disturbed areas still needing vegetation.

Typical Traffic Control Plan for Utility Work

Traffic Control Notes:

- 1. Must have traffic control devices in place prior to beginning work
- 2. Must maintain driveways to provide residences, businesses and side streets to allow access during working hours.
- 3. In the event that a driveway or business entrance cannot be maintained, must notify residence or business owners 48 hours prior to outage.
- 4. At the end of each working day, must cover all temporary traffic control signs and remove traffic cones. Work area is to be left each day in a condition that allows traffic to travel safely through the area.
- 5. All equipment that will remain on site over night shall be staged a minimum of 30' from edge of nearest travel lane. Equipment should be staged in such a way that it will not roll.
- 6. All traffic control shall be in accordance with part 6 of the manual on uniform traffic control devices (MUTCD) latest edition.



Legend



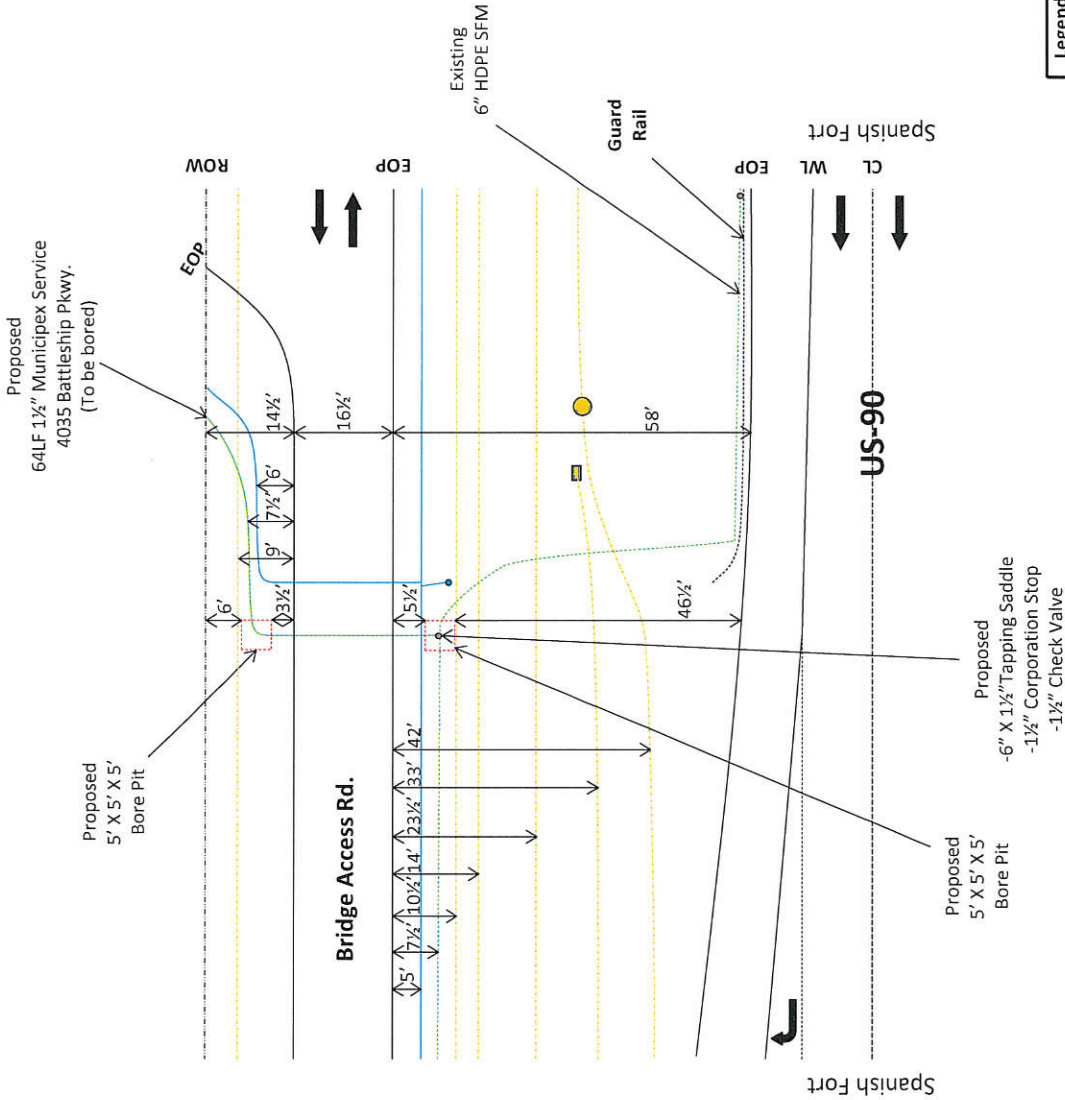
Warning Sign



55  
MPH

# Plan View

**Pipe Information**  
 Type Bury: Directional Bore  
 Line Size: 1½" CTS  
 Line Length on State ROW: 64LF  
 Line Type: Municipex DR-9  
 Line Color: Green  
 Line Depth: Min. 36" From Top of Pipe  
 Design Pressure: 200 PSI  
 Working Pressure: 20 PSI



<b>Legend</b> Existing Sewer Gas Water Communications Power Edge of Pavement Right of Way Center Line						

**Notes:**  
 -Power is located overhead  
 -No defined ditch (Wetlands)  
 -Site to be sodded after completion  
 -Distances given are from where tap is to be performed

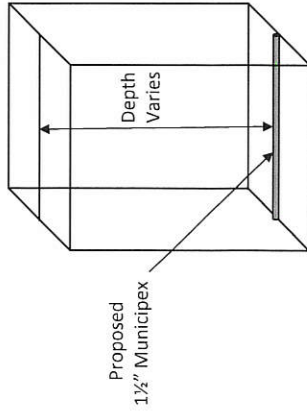
Scale

30' =



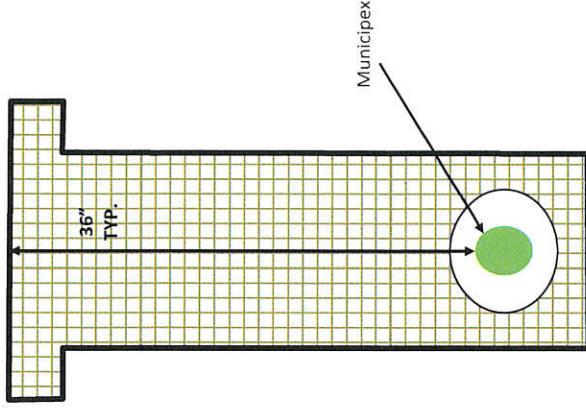
# Profiles

**Profile of Bore Pit**



**End View of Bore**

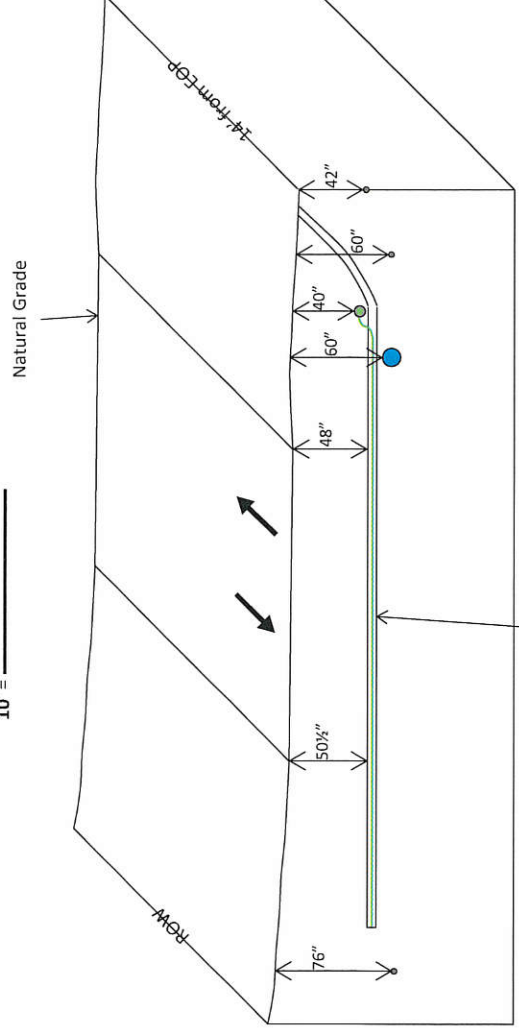
Not to Scale



**Profile of Roadway Bore**

Scale

10' = \_\_\_\_\_



**Note**

-Only shows utilities crossed