



Robert Bentley
Governor

ALABAMA DEPARTMENT OF TRANSPORTATION

NINTH DIVISION
OFFICE OF DIVISION 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

March 7, 2017

Mobile Gas Service Corporation
Attn: Mike Jarrett
2828 Dauphin Street
Mobile, AL 36606

Dear Sir:

RE: Permit Number: 9-1-10244
Mobile County

Permit Expiration Date: March 3, 2018

Attached, please find an approval to install approximately 586 linear feet of 6 inch plastic gas main and 586 linear feet of 10 inch steel encasement along I-10 at mile post 26.556.

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 stamped 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. Frankie Smith, District I Manager, will administer the inspection for the Alabama Department of Transportation. It is required you contact him at least 48 hours prior to beginning work, and notify him in writing upon completion of the work to request a final inspection. His address is 1701 I-65 West Service Road North, Mobile, Alabama 36618. His telephone number is (251) 470-8322.

Sincerely,

VINCENT E. CALAMETTI, P.E., REGION ENGINEER

By: Jason Shaw
Jason Shaw, P.E.
Maintenance Engineer Southwest Region – Mobile

JS/mmt

Attachment

c: Mr. Stacey N. Glass, P.E.
Mr. Frankie Smith
File



ALDOT
SOUTHWEST REGION-DISTRICT 1

ALABAMA DEPARTMENT OF TRANSPORTATION
Permit Agreement for the Accommodation of Utility
Facilities on Public Right-of-Way

Project Number 2016-235 Bond Number 8891406
Permit Number 9-1-10244 Bonding Agency Fidelity
Route Number I-10 P.E. _____
R.O.W. _____ Construction _____
Location of Accommodation: Milepost 26.556 to 26.556 Utilities Natural Gas

THIS AGREEMENT is entered into this the 14th day of July, 2016, by and between the Alabama Department of Transportation acting by and through its Transportation Director hereinafter referred to as ALDOT and Mobile Gas Service Corporation 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 Mobile County, Alabama consisting approximately of the following:
The Installation of approximately 586 L.F. of 6" Plastic Gas Main and 586 L.F. of 10" Steel Encasement
within the Alabama Department of Transportation maintained R/W,
_____ ; 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 hereof 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 a part hereof by reference.
3. The national Manual on Uniform Traffic Control Devices, ALDOT approved edition, is hereby made a part hereof 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 hereof 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 hereof 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 \$ 50,000.00 (Bond Number: 8891406) 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.

 X

_____ 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 to provide natural gas to existing and new customers

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 14th day of July, 2016.

WITNESS:

Mark Smith

Mobile Gas Service Corp

Legal Name of Applicant

By: Michael Jarrett VP Operations
Signature and Title

Mike Jarrett - Vice President of Operations

Typed or Printed Name

2828 Dauphin Street

Address Line 1

Mobile, Alabama 36606

Address Line 2

251-450-4708

Telephone Number

RECOMMENDED FOR APPROVAL:

Frankie L. Smith
District Manager

9/20/2016
Date

Area Operations Engineer

Vincent E. Calanetti
Region Engineer

Date

9/21/2016
Date

APPROVED:

ALABAMA DEPARTMENT OF TRANSPORTATION
ACTING BY AND THROUGH ITS TRANSPORTATION
DIRECTOR

By: Harry L. Smith
Maintenance / Region / Area Operations Engineer or District Manager

Date: 3-3-2017

UTILITY PERMIT CHECKLIST

Use with Permit Applications MB-01, MB-02, MB-03

Applicant Mobile Gas Service Corporation **Route** I-10 **Milepost** 26.556

❖ **All submittals & questions should be directed to the District Office unless otherwise noted.**

District 1

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

District 2

Mr. Kevin C. Jones, District Manager
47450 Rabun Road
Bay Minette, Alabama 36507
(251) 937-2086

District 3

Mr. Brent Maddox, District Manager
10610 Highway 31 South
Evergreen, Alabama, 36401
(251) 578-7540

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.

****Preliminary Discussions should be held with ALDOT for large scale Utility Projects or those that require extensive excavation/trenching or major traffic disruption.**

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 (Enter date for final submittal only)
- ☒ Applicant's Legal Name, signature, mailing address and phone number
- ☒ Include Amount of Bond, Bond Number, and Expiration Date (Enter on final submittal)
- ☒ Witness' Signature

Online References Available: ALDOT Permit Manual, ALDOT Utility Manual

UTILITY PERMIT CHECKLIST

Use with Permit Applications MB-01, MB-02, MB-03

General Permit Plan Requirements: (specific permit requirements follow)

- ☒ Vicinity Map (State & US routes labeled clearly)
- ☒ North arrow
- ☒ Posted Speed limits within boundaries of permit
- ☒ Scale or note stating "Not to Scale"
- ☒ Mile Post (nearest 0.01 mile)
- ☒ Detailed Legend
- ☒ Route Number (SR-xx, US-xx, I-xx)
- ☒ Denote centerline, right of way, 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
- ☒ Include all "ALDOT standard and special drawings" applicable 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)
- ☐ Sequence of Construction - (order that work will be done)
- ☒ Permit notes

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 & Profile required
 - Type to be used (Ex. - Dry Bore)
 - Show milepost for each bore
 - Show encasements if required, any other utilities or drainage structures, etc.
 - Crossing should be as perpendicular to the road as possible
- ☒ Location of all existing & proposed utilities, appurtenances, drainage structures & accessories
- ☒ Typical section of all bores or crossings (show all depths, lengths, distances, and type bore)
- ☒ Show abandoned utility lines
 - Abandoned lines 4" or greater will be filled with grout or removed.
- ☐ If a patch is to be made it shall be according to ALDOT's patch detail requirements
- ☒ Type of Bury - Trenching, Plow, Directional Bore, Jack and Bore, etc...
 - plowing or trenching will not be allowed within the road prism area
- ☒ Depth of Bury
 - 36" minimum under ROW, 48" minimum under pavement, but additional depth may be required
 - 8' to 12' burial depth required for stream or river crossings
- ☒ Boring Method
 - Type of Bore with procedure and specifications, borehead and reamer size
 - 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, width, depth)
 - Bore pits must be located outside D/A fence,

UTILITY PERMIT CHECKLIST

Use with Permit Applications MB-01, MB-02, MB-03

- Side roads must be bored & encased if ADT > 500
- X Profile of proposed Bore Crossings
- N/A Profile if manholes are permitted (Manholes must be flush with existing ground line)
- N/A All meters must be installed off ALDOT rights-of-way
- N/A Horizontal distance from bridge footings or drainage structures is 25 foot minimum
- N/A Type marking to be placed with power lines (Metal strip, flagging, etc.)

Encasements

- X Water, Sewer and Gas mains larger than 2" will be encased in coated steel
- N/A Communication lines may use HDPE
- X Minimum depth measurement is measured from the base of pavement to top of encasement
- X Encasement size, length (minimum-back of ditch to back of ditch), type of material and coating
- X Encasements beneath Interstates should extend beyond the denied access on both sides
- N/A 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.
- N/A 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

Aerial Utilities:

- N/A Profile of Roadway Crossing, showing pole height, vertical clearances over centerline of travel ways, arm length if street light
 - Minimum of 25' of clearance over Interstate (for bridges, that measurement is from top of bridge rails), Minimum of 18' of clearance over travel ways
 - Clearance shown should be height of cable over travel lanes and sag point in line
- N/A Direction of guys can only be parallel with roadway
 - Guys with anchors 30 foot beyond the edge-of-pavement will be allowed when not perpendicular with roadway
- N/A Poles shall be placed outside clear zone or and outside denied access fence on Interstate routes.
- N/A Proposed poles to be replaced/installed to an existing line shall be "In-Line"
- N/A New poles installation requires the location of existing underground utilities with ties and any drainage structures to be shown in plans.

Interstate Crossing: (In addition to utility plan requirements)

- N/A 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)

UTILITY PERMIT CHECKLIST

Use with Permit Applications MB-01, MB-02, MB-03

Permit General Notes: *All notes must be listed on plan sets or permit will not be processed*

1. All meters are to be installed off of ALDOT right-of way.
2. All manholes, valve boxes, and hand holes should be flush with existing ground.
3. Contact District Manager 48 hours prior to beginning work on ALDOT right-of-way. The District Managers for the Region are as follows:
Area- 9
(91) Mobile County – Frankie Smith, (251) 470-8322
(92) Baldwin County – Kevin Jones, (251) 937-2086
(93) Escambia and Conecuh Counties – Brent Maddox, (251) 578-7540
4. The permit applicant shall write a letter requesting to meet with the District Manager 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 is 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 KEN DAVIS - (251) 379-9037
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 Manager.
10. All work will meet or exceed ALDOT specifications.
11. All work on the ROW will be in conformance with the latest edition of ALDOT Standard Specifications.
12. Electric power and communication facilities will conform with the current applicable *National Electrical Safety Code*
13. 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 R/W)
14. All trees over 4" shall not be cut/removed without written permission from ALDOT.
15. All installations that require bore pits must state/depict bore pit dimensions (L x W x D).
16. 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)
17. Upon completion & any time thereafter, ALDOT retains the right to request an As-Built profile on any buried utilities in said department's ROW.
18. 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.
19. The amount of area to be disturbed during construction of this permit is .01 acre(s). (Total project area)
20. Water lines will conform with the currently applicable standards of the *American Water Works Association*
21. Pressure pipe lines will conform with the currently applicable sections of *American National Standards Institute (ANSI)*
22. As required by Alabama Act 94-487: Call two working days before excavation 1-800-292-8525, Alabama Line Location Center, Inc.
23. It shall be the contractor's responsibility to contact the various utility owners and determine the exact location of all existing utilities on this project, whether shown on the plans or not, before commencing work. The contractor shall be fully responsible for any damages which might be occasioned by his failure to exactly locate and preserve any and all utilities.

UTILITY PERMIT CHECKLIST

Use with Permit Applications MB-01, MB-02, MB-03

24. The contractor shall be responsible for any ornamental vegetative landscaping (shrubs, flowers, ornamental grass, etc.) disturbed during construction and shall be replaced, transplanted or resodded as directed by the Alabama Department of Transportation district manager.
25. All fill material or onsite debris deposited in the right-of-way shall be removed prior to issuance of certificate of occupancy.
26. The contractor 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).
27. 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.
28. Clean up streets immediately after concrete or other delivery trucks leave the site. Mud and debris are to be kept off streets, inlets, ditched, etc.
29. 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
30. The contractor or permit applicant shall promptly notify the engineer and ALDOT of any perceived conflicts, ambiguous items or deficiencies in the plans, specifications, general notes or related contract documents.
31. 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.

UTILITY PERMIT CHECKLIST

Use with Permit Applications MB-01, MB-02, MB-03

Online References Available: ALDOT Permit Manual, & ALDOT Utility Manual

Notes: (1) Please check all items that apply, if item is not applicable to permit write N/A on line provided.

(2) **This list may not be all inclusive; ALDOT reserves the right to request additional information that may be needed for a particular project.**

(3) **As-Built Certification** - After completion of work a signed certification letter will be submitted by the Engineer of Record for the permit application stating the project was constructed in accordance with plans approved by the State and with specifications, supplemental specifications and special provisions at the time of approval.

COMMENTS: _____

	Mobile Gas Service Corp	
	2828 Dauphin Street	
Mobile Gas Service Corp	Mobile, AL 36606	7/14/2016
Applicant	Applicant's Mailing Address	Date

251-450-4624	jhuffstutler@Mobile-Gas.com
Applicant's Phone Number	Applicant's E-mail address

Stephen Delahunty, PE
Engineer of Record

251-544-7900	sdelahunty@sawgrassllc.com
Engineer's Phone Number	Engineer's E-mail address

Mobile Gas Service Corp
2828 Dauphin Street
Mobile, AL 36606

Mailing Address for Approved Permit



Fidelity and Deposit Company of Maryland

Home Office: P.O. Box 1227, Baltimore, MD 21203-1227

CONTINUATION CERTIFICATE

Bond No. 8891406

Mobile Gas Service Corporation

as Principal, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, as Surety, in a certain Bond No. 8891406

dated the 17th day of February, 2009

in the penalty of Fifty Thousand and No/100ths Dollars (\$50,000.00),

in favor of Alabama Department of Transportation

do hereby continue said bond in force for the further

term of one year beginning on the 17th day of February, 2015

Provided, however, that said bond, as continued hereby, shall be subject to all its terms and conditions, except as herein modified, and that the liability of the said FIDELITY AND DEPOSIT COMPANY OF MARYLAND under said bond and any and all continuations thereof shall in no event exceed in the aggregate the above named penalty, and that this certificate shall not be valid unless signed by said Principal.

Signed, sealed and dated this 12th day of January, 2015

Witness:

Martha C. Loper

Mobile Gas Service Corporation

Mike Jan (SEAL)
Principal

(SEAL)

Principal

(SEAL)

Principal

FIDELITY AND DEPOSIT COMPANY OF MARYLAND

Antaloele

By.

Tara Bacon
Tara Bacon, Attorney-In-Fact

LPM90001ZZ1100F

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Maryland, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Maryland (herein collectively called the "Companies"), by JAMES M. CARROLL, Vice President, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint Bradley R. ORR, Dale G. HARSHAW, Tara BACON and Kyle KING, all of Fullerton, California, EACH its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: any and all bonds and undertakings, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York, the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland, and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland, in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 5th day of February, A.D. 2014.

ATTEST:

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND**



By: Gerald F. Haley
Assistant Secretary
Gerald F. Haley

James M. Carroll
Vice President
James M. Carroll

State of Maryland
City of Baltimore

On this 5th day of February, A.D. 2014, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, JAMES M. CARROLL, Vice President, and GERALD F. HALEY, Assistant Secretary, of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, depose and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

Maria D. Adamski

Maria D. Adamski, Notary Public
My Commission Expires: July 8, 2015





BB&T Insurance Services of California, Inc.

BB&T - John Burnham Insurance Services
750 B Street, Suite 2400
San Diego, CA 92101
(619) 231-1010 Fax (619) 238-9134
CA License # 0619252

February 24, 2014

Martha Loper
Mobile Gas Service Corporation
2828 Dauphin Street
Mobile, AL 36606

Re: Bond Number: 8891406
Principal: Mobile Gas Service Corporation
Bond Type: Permit Performance Bond for work on highway right of way, work
maintenance and highway work area restoration and maintenance for work
on various highways in Mobile and Baldwin County, Alabama
Bond Amount: \$50,000.00
Obligee: Alabama Department of Transportation
Renewal Term: 02/17/14 - 02/17/15

Dear Martha:

Enclosed, please find the corrected continuation certificate for the renewal term of the above referenced bond. Sorry for any inconvenience this may have caused!

We appreciate the continued opportunity to be of service to you. Should you have any questions, please let us know.

Sincerely,


Minna Huovila
Account Manager
Phone: 619-525-2885
Fax: 888-770-6295
Email: MHuovila@BBandT.com

enclosure

cc: Ellene Kim, Semptra Energy



2828 Dauphin Street
Mobile, AL 36606

Mobile Pipe & Welding
375 Snow Road
Mobile, AL 36608

Date: February 14, 2017

Mr. Vince Calametti
Division Engineer
Alabama Department of Transportation
1701 I-65 West Service Rd, North
Mobile, Alabama 36618

Re: Ditch Witch Directional Boring Machine
Location: AL – I-10 (INTERSTATE 10) MP: 26.556

The JT3020 has a drilling fluid pump that is capable of a maximum flow rate of 47 GPM at 1500 PSI. Without prior notification given to Alabama Department of Transportation, at no time will 15 GPM at 350 PSI be used. The type of boring fluid being used is boring gel. The size drill head used will be 5 1/2". No PVC is ever used for a roadway crossing by Mobile Gas contractors. The normal boring flow rate may vary but for most soil conditions is 4-10 GPM. The pressure can vary also but the bore pressure at 10 GPM should be 200PSI.

Peter Keegan

A handwritten signature in black ink, appearing to read "Peter Keegan", written over a horizontal line.

Director of Engineering
Mobile Gas Service Corp

MAXIMUM ALLOWABLE PRESSURE = 350 PSI
MAXIMUM ALLOWABLE FLOWRATE = 15 GPM

ROYAL-PALMETTO ALDOT UTILITY PERMIT GAS LINE INSTALLATION PLANS MOBILE GAS SERVICE CORP.

PERMIT ADDRESS: 400 PALMETTO STREET, MOBILE, AL 36603
JULY, 2016



INDEX OF SHEETS

DESCRIPTION	SHEET
COVER SHEET	1
CONSTRUCTION NOTES	2
TRAFFIC CONTROL	3-3B
PLAN VIEW	4
PROFILE	5

BEGINNING MILEPOST: 26.556
ENDING MILEPOST: 26.556



VICINITY MAP
N.T.S.



ADMINISTRATIVE APPROVAL

AUTHORIZED SIGNATURE

DATE



11143 Old Highway 31 Spanish Fort, AL 36527 Phone (251) 544-7900
816 N McKenzie Street Foley, AL 36535 Phone (251) 570-7900

NOTES:

1. ALL METERS ARE TO BE INSTALLED OFF OF ALDOT RIGHT-OF-WAY.
2. ALL MANHOLES, VALVE BOXES, AND HAND HOLES SHOULD BE FLUSH WITH EXISTING GROUND.
3. CONTACT THE DISTRICT MANAGER 48 HOURS PRIOR TO BEGINNING WORK ON ALDOT RIGHT-OF-WAY. THE DISTRICT MANAGERS FOR THE REGION ARE AS FOLLOWS: AREA-9 (91) FRANKIE SMITH (251) 470-8322
4. THE PERMIT APPLICANT SHALL WRITE A LETTER REQUESTING TO MEET WITH THE DISTRICT MANAGER 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 IS 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:
STAN FERRELL: 251-463-8474
8. ONSITE REPRESENTATIVES WILL HAVE ON HAND, AT ALL TIMES:
A. APPROVED PERMIT AND PLANS STAMPED BY THE REGION ENGINEER
B. TRAFFIC CONTROL PLANS
C. EROSION CONTROL PLANS
9. ALL DISTURBED AREAS SHALL BE RESODDED OR SEEDED AS DIRECTED BY THE DEPARTMENT OF TRANSPORTATION'S DISTRICT MANAGER.
10. ALL WORK WILL MEET OR EXCEED ALDOT SPECIFICATIONS.
11. ALL WORK ON THE ROW WILL BE IN CONFORMANCE WITH THE LATEST EDITION OF ALDOT STANDARD SPECIFICATIONS.
12. ELECTRIC POWER AND COMMUNICATION FACILITIES WILL CONFORM WITH THE CURRENT APPLICABLE NATIONAL ELECTRICAL SAFETY CODE.
13. 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 R/W).
14. ALL TREES OVER 4" SHALL NOT BE CUT/REMOVED WITHOUT WRITTEN PERMISSION FROM ALDOT.
15. ALL INSTALLATIONS THAT REQUIRE BORE PITS MUST STATE/DEPICT BORE PIT DIMENSIONS.
16. ABSOLUTELY NO BORE PITS SHALL BE ALLOWED TO BE UNFILLED AND/OR UNCOVERED OVERNIGHT UNLESS PROTECTED. (BORE PITS HAVE A MINIMUM OF 72 HOURS TO BE OPEN BEFORE FILLED)
17. UPON COMPLETION & ANY TIME THEREAFTER, ALDOT RETAINS THE RIGHT TO REQUEST AN AS-BUILT PROFILE ON ANY BURIED UTILITIES IN SAID DEPARTMENT'S ROW.
18. 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.
19. THE AMOUNT OF AREA TO BE DISTURBED DURING CONSTRUCTION OF THIS PERMIT IS 0.01 ACRE(s). (TOTAL PROJECT AREA)
20. WATER LINES WILL CONFORM WITH THE CURRENTLY APPLICABLE STANDARDS OF THE AMERICAN WATER WORKS ASSOCIATION.
21. PRESSURE PIPE LINES WILL CONFORM WITH THE CURRENTLY APPLICABLE SECTIONS OF AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)
22. AS REQUIRED BY ALABAMA ACT 94-487: CALL TWO WORKING DAYS BEFORE EXCAVATION 1-800-292-8525, ALABAMA LINE LOCATION CENTER, INC.
23. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY OWNERS AND DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES ON THIS PROJECT, WHETHER SHOWN ON THE PLANS OR NOT, BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.
24. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ORNAMENTAL VEGETATIVE LANDSCAPING (SHRUBS, FLOWERS, ORNAMENTAL GRASS, ETC.) DISTURBED DURING CONSTRUCTION AND SHALL BE REPLACED, TRANSPLANTED OR RESODDED AS DIRECTED BY THE ALABAMA DEPARTMENT OF TRANSPORTATION DISTRICT MANAGER.
25. ALL FILL MATERIAL OR ONSITE DEBRIS DEPOSITED IN THE RIGHT-OF-WAY SHALL BE REMOVED PRIOR TO ISSUANCE OF CERTIFICATE OF OCCUPANCY.
26. THE CONTRACTOR 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).
27. 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.
28. CLEAN UP STREETS IMMEDIATELY AFTER CONCRETE OR OTHER DELIVERY TRUCKS LEAVE THE SITE. MUD AND DEBRIS ARE TO BE KEPT OFF STREETS, INLETS, DITCHED, ETC.
29. 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.
30. THE CONTRACTOR OR PERMIT APPLICANT SHALL PROMPTLY NOTIFY THE ENGINEER AND ALDOT OF ANY PERCEIVED CONFLICTS, AMBIGUOUS ITEMS OR DEFICIENCIES IN THE PLANS, SPECIFICATIONS, GENERAL NOTES OR RELATED CONTRACT DOCUMENTS.
31. 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.

TRAFFIC CONTROL NOTES:

1. ALL TRAFFIC CONTROL SHALL BE IN ACCORANCE WITH PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.), 2009 EDITION.
2. THE CONTRACTOR SHALL CONTACT THE CITY OF MOBILE TRAFFIC ENGINEER AT LEAST 48 HRS. PRIOR TO CONSTRUCTION IF TRAFFIC WILL BE AFFECTED; SEE CONTACT LIST.

MISC. NOTES:

1. ALL BORE PITS, PROPOSED MAINS, AND SERVICE LINES SHALL MAINTAIN A MINIMUM OF 36" HORIZONTAL AND/OR VERTICAL CLEARANCE FROM ALL STORM SEWER STRUCTURES.
2. ROBOTIC VIDEO WILL BE USED FOR POST-CONSTRUCTION INSPECTION OF STORM DRAINS WITH LESS THAN 36" OF CLEARANCE BETWEEN DRAINAGE STRUCTURES AND NEWLY INSTALLED GAS LINES.
3. EVERY EFFORT SHALL BE MADE TO PRESERVE THE INTEGRITY OF ALL DRIVEWAYS. DURING INSTALLATION, SHOULD IT BE DEEMED NECESSARY TO DISTURB ANY DRIVEWAYS, THE CONTRACTOR SHALL REFER TO THE DRIVEWAY STANDARDS DRAWING (ATTACHED).
4. EVERY EFFORT SHALL BE MADE TO PRESERVE THE INTEGRITY OF ALL SIDEWALKS. DURING INSTALLATION, SHOULD IT BE DEEMED NECESSARY TO DISTURB ANY SIDEWALK, THE CONTRACTOR SHALL REFER TO THE SIDEWALK STANDARDS DRAWING 12 (ATTACHED). SHOULD THE DISTURBANCE BE LOCATED AT AN INTERSECTION, THEN HANDICAP RAMPS MUST BE INSTALLED. THE CONTRACTOR SHALL REFER TO SIDEWALK STANDARDS DRAWING 7 (ATTACHED).
5. NO UPDATED RIGHT-OF-WAY FILE WAS PROVIDED WHEN CREATING PERMITS. CONTRACTORS DETERMINE RIGHT-OF-WAY IN THE FIELD FOR GAS MAIN INSTALLATION.
6. ALL WORK WITHIN THE CITY OF MOBILE RIGHT-OF-WAY MUST COMPLY WITH THE "MOBILE RIGHT-OF-WAY CONSTRUCTION AND ADMINISTRATION ORDINANCE". A COPY OF THE ORDINANCE MAY BE FOUND AT [HTTP://CITYOFMOBILE.ORG](http://CITYOFMOBILE.ORG), ON-LINE SERVICES, FORMS AND APPLICATIONS, ENGINEERING, RIGHT-OF-WAY CONSTRUCTION AND ADMINISTRATION ORDINANCE.

URBAN FORESTRY NOTES:

1. ALL WORK BEING DONE BEHIND THE CURB AND UNDER THE DRIP LINE OF THE TREE SHALL BE HAND DUG TO A DEPTH OF 24 INCHES BEFORE THE MECHANICAL EQUIPMENT CAN BE USED.
2. BORE PITS FOR GAS MAINS WILL BE OUTSIDE THE CRITICAL ROOT ZONES OF ALL TREES.
3. ALL ROOTS ON TREES IN THE PROJECT AREA THAT REQUIRE CUTTING SHALL BE CLEAN CUT WITH A SHARP CUTTING TOOL.
4. NO TREE ROOT 6 INCHES IN DIAMETER OR LARGER WILL BE CUT WITHOUT PRIOR APPROVAL.
5. AT LOCATIONS WHERE TREES ARE ON THE CITY-RIGHT-OF-WAY, NO VEHICLES, HEAVY EQUIPMENT, OR CONSTRUCTION MATERIALS SHALL BE STORED OR PARKED NEXT TO OR BENEATH THE TREES.
6. WORK INSIDE THE CRITICAL ROOT ZONE WILL BE HAND DUG AND ROOTS WILL BE AVOIDED FOR SERVICE CONNECTIONS.
7. BORE PITS AND SPLICE PITS SHALL BE LOCATED OUTSIDE OF THE DRIP LINE OF EXISTING TREES WHEN POSSIBLE. IF IT IS NOT POSSIBLE TO LOCATE BORE PITS AND SPLICE PITS OUTSIDE OF THE DRIP LINE THEN BORE PITS AND SPLICE PITS SHALL BE LOCATED OUTSIDE THE CRITICAL ROOT ZONE OF EXISTING TREES ON R/W. THE CRITICAL ROOT ZONE IS THE DIAMETER OF THE TREE MEASURED IN INCHES AT 4 1/2 FEET ABOVE THE GROUND. THE MEASUREMENT IS CHANGED INTO FEET, DIVIDED IN HALF AND MEASURED FROM THE TRUNK OF THE TREE IN ALL DIRECTIONS. (EXAMPLE 24 INCH TREE HAS A CRZ OF 12 FEET MEASURED FROM THE TRUNK IN ALL DIRECTIONS) NOTE: THE CRZ DOES NOT EXTEND INTO THE ROAD. PLEASE CALL DAVID DAUGHENBAUGH AT 208-7091 WITH ANY QUESTIONS REGARDING THE CRITICAL ROOT ZONE.

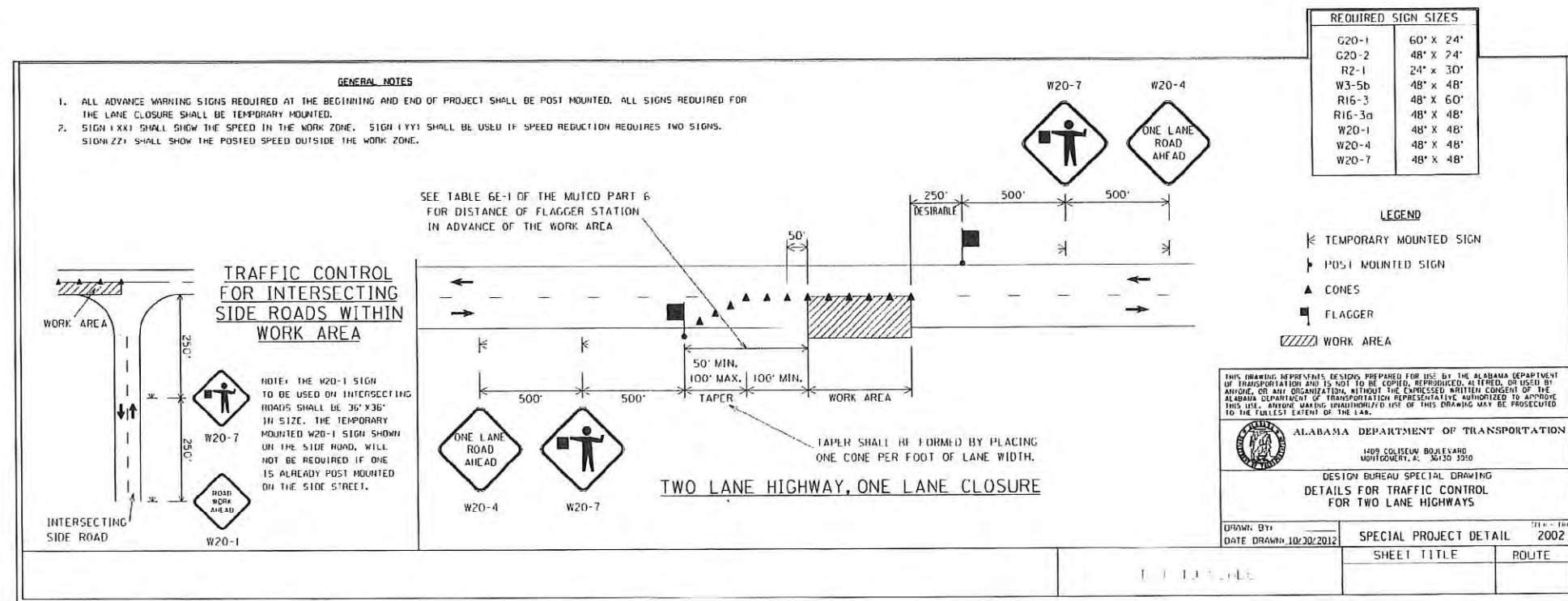
NUMBER:	REVISION:	DATE:	 ENGINEERING - SURVEYING - CONSTRUCTION MANAGEMENT 11143 Old Highway 31, Spanish Fort, AL 36527 Phone (251) 544-7800 516 N. McKenzie Street Foley, AL 36535 Phone (251) 970-7990	CONSTRUCTION NOTES	SCALE: 1"=60'
				ROYAL-PALMETTO	DATE: JUNE 2016
				MOBILE GAS	DRAWN BY: CB
					CHECKED BY: SJD
					SHEET: 2 OF 6

— OPTIONAL TRAFFIC CONTROL PLAN —
ONE LANE CLOSURE WITH FLAGGER
MUTCD 2009

NOTE:

TRAFFIC ON I-10 WILL NOT BE DISTURBED.

IF THE TRAFFIC ON THE SERVICE ROADS ARE DISTURBED, IMPLEMENT THE ONE LANE CLOSURE W/FLAGGER SCHEME.



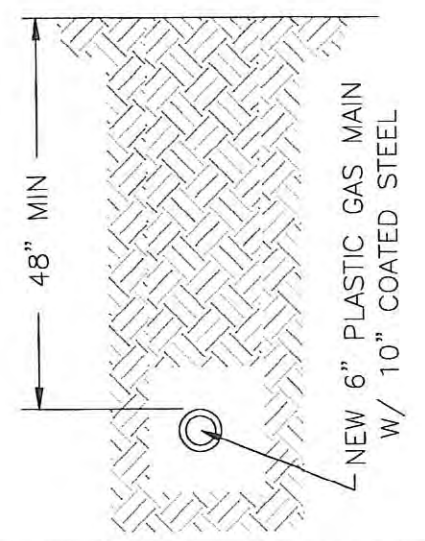
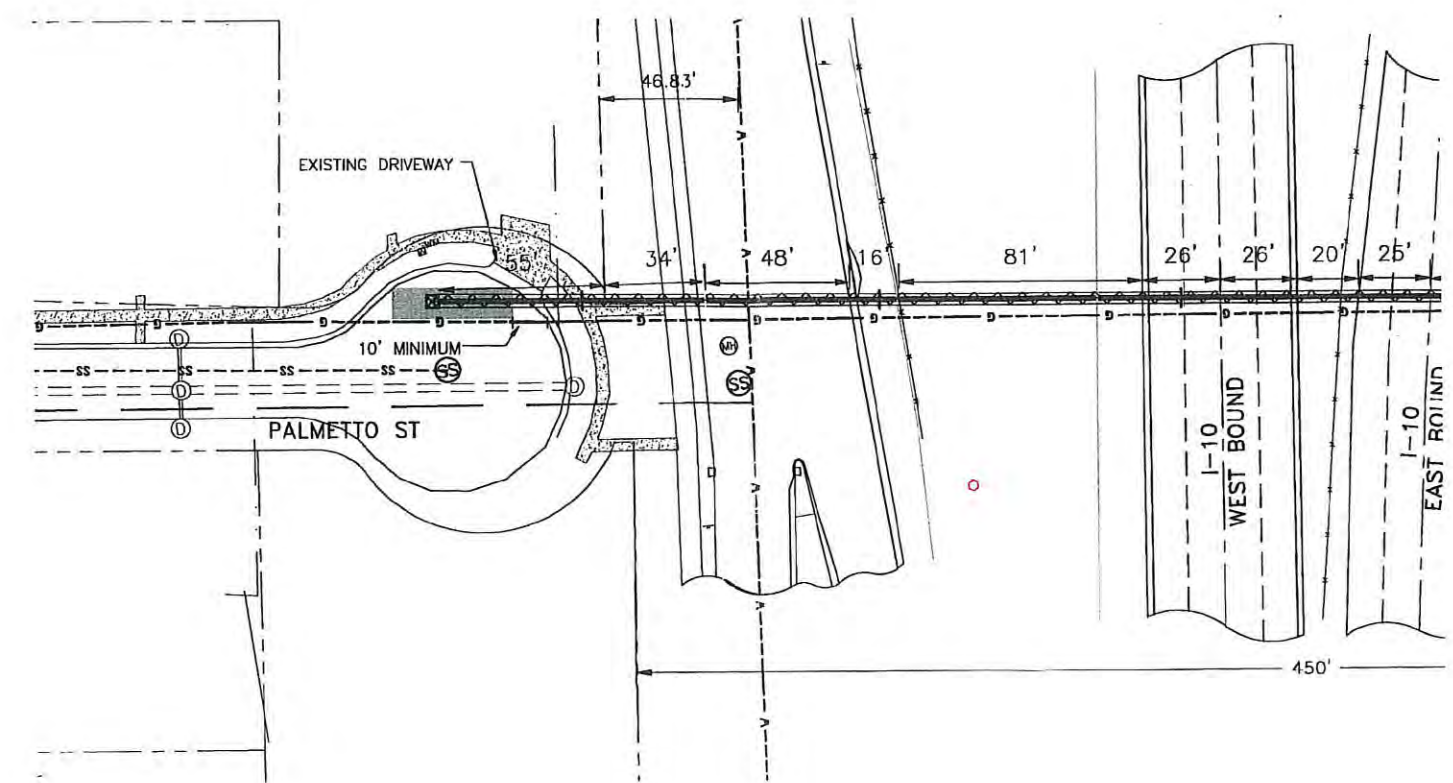
NUMBER:	REVISION:	DATE:	 <p>ENGINEERING - SURVEYING - CONSTRUCTION MANAGEMENT</p> <p>11143 Old Highway 31 Spanish Fort, AL 36527 Phone: (251) 544-7900 818 H McKenzie Street Foley, AL 36535 Phone: (251) 970-7900</p>	TRAFFIC CONTROL PLAN		SCALE: 1"=60'
				ROYAL-PALMETTO		DATE: JUNE 2016
				MOBILE GAS		DRAWN BY: CB
						CHECKED BY: SJD
						SHEET: 3 OF 5



NOTE:

TRAFFIC WILL NOT BE AFFECTED ON THIS SEGMENT OF PALMETTO STREET.

THERE IS ONE DRIVEWAY (LABELED) NEAR THE BORE, BUT A MINIMUM DISTANCE OF 10' WILL BE ALLOTTED FOR CLEARANCE.



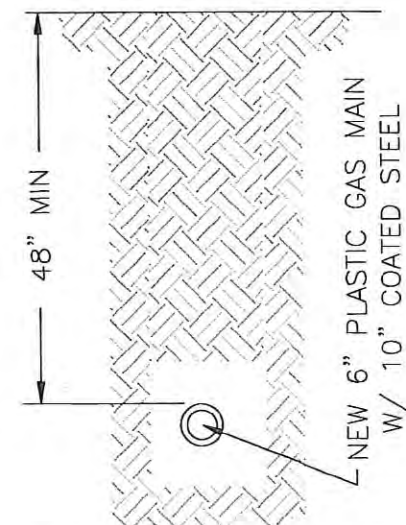
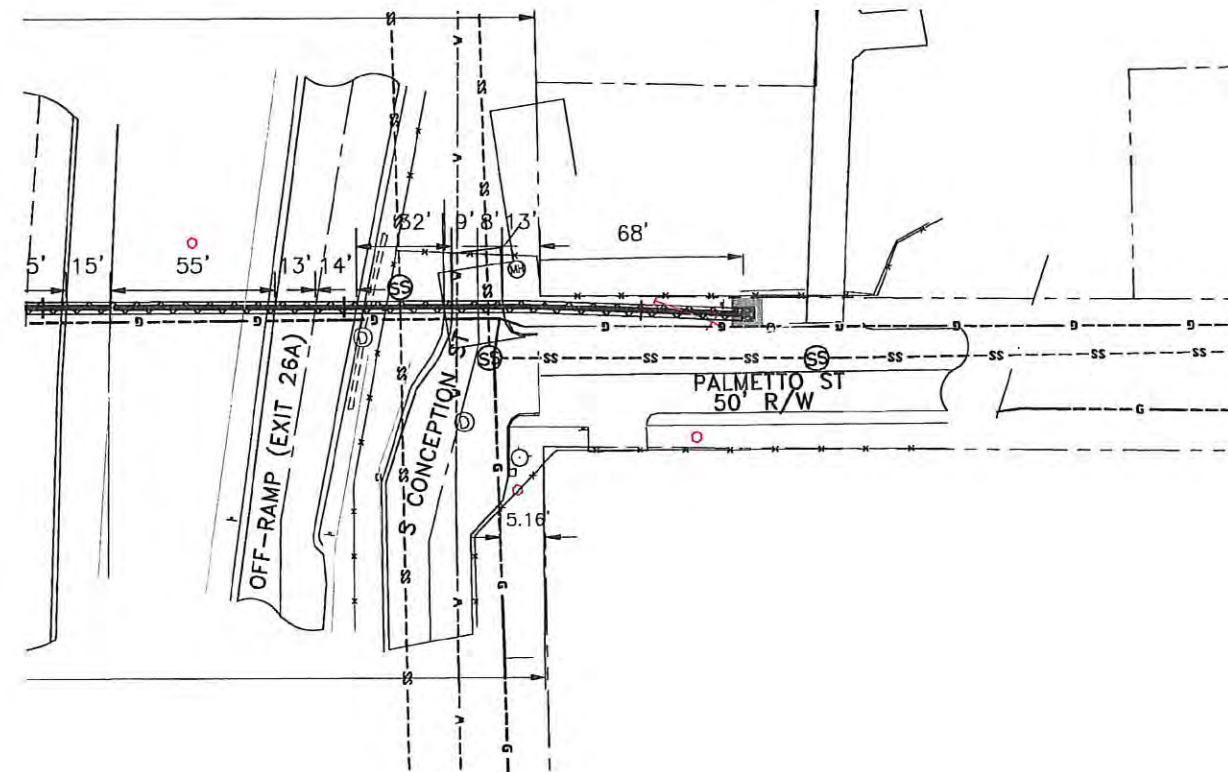
END VIEW OF DIRECTIONAL BORE
SCALE: N.T.S.

LEGEND			
————	EXIST. GAS MAIN	⊗	4'x4' PIT
————	PROPOSED GAS MAIN	⊗ ^{GV}	GAS VALVE
————	EXIST. GAS SERVICE LINE	⊗ ^{WV}	SANITARY SEWER VALVE
————	NEW GAS SERVICE LINE	⊗ ^{CO}	SANITARY SEWER CLEANOUT
————	SANITARY SEWER MAIN	⊗ ^{MH}	SANITARY SEWER MANHOLE
————	WATER MAIN	⊗ ^{TP}	TELEPHONE PEDESTAL
○ C.R.F.	CAPPED REBAR FOUND	○ ^{WM}	FIRE HYDRANT
○ C.T.I.F.	CRIMPED TOP IRON FOUND	⊗ ^{WM}	WATER METER
○ O.T.I.F.	OPEN TOP IRON FOUND	⊗ ^{WV}	WATER VALVE
○ R.B.F.	REBAR FOUND	—○—	POWER POLE
○ R.B.F.	REBAR IRON FOUND	⊗	DRAINAGE INLET
■ C.M.F.	CONCRETE MONUMENT FOUND	Ⓣ	GUY WIRE

NUMBER:	REVISION:	DATE:	UNDERGROUND UTILITY NOTE: UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE AND ARE BASED ON INFORMATION PROVIDED. THE UTILITIES SHOWN MAY NOT BE A COMPLETE REPRESENTATION OF ALL UTILITY LINES IN THE PROJECT AREA. CONTRACTOR IS REQUIRED TO CONTACT ALABAMA ONE CALL PRIOR TO DIGGING (1-800-292-8525) (WWW.A1CALL.COM). OTHER UTILITIES (INCLUDING PRIVATE UTILITIES OUTSIDE A PUBLIC RIGHT-OF-WAY) THAT DO NOT PARTICIPATE IN THE ALABAMA ONE CALL LOCATION SERVICE NEED TO BE CONTACTED INDIVIDUALLY AND/OR PHYSICALLY LOCATED BY THE CONTRACTOR.	 ENGINEERING - SURVEYING - CONSTRUCTION MANAGEMENT 11143 Old Highway 31 Spanish Fort, AL 36527 818 N. McKenzie Street Foley, AL 36535 Phone (251) 544-7500 Phone (251) 970-7500	GRAPHIC SCALE (IN FEET) 1 inch = 60 ft	I-10 CROSSING ROYAL-PALMETTO MOBILE GAS	SCALE: 1"=60' DATE: JUNE 2016 DRAWN BY: CB CHECKED BY: SJD SHEET: 3A OF 5
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NOTE:

TRAFFIC WILL NOT BE AFFECTED ON THIS SEGMENT OF PALMETTO STREET. THE 10'x10' RECOVERY PIT SHALL BE OUTSIDE OF THE ROADWAY/SHOULDER.



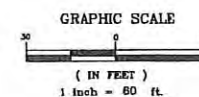
END VIEW OF DIRECTIONAL BORE
SCALE: N.T.S.

LEGEND	
— EXIST. GAS MAIN	⊗ ^{GV} 4'x4' PIT
— PROPOSED GAS MAIN	⊗ ^{WV} GAS VALVE
— EXIST. GAS SERVICE LINE	⊗ ^{CO} SANITARY SEWER VALVE
— NEW GAS SERVICE LINE	⊗ ^{MH} SANITARY SEWER CLEANOUT
— SANITARY SEWER MAIN	⊗ ^{TP} SANITARY SEWER MANHOLE
— WATER MAIN	⊗ ^{WM} TELEPHONE PEDESTAL
○ C.R.F. CAPPED REBAR FOUND	⊗ ^{WM} FIRE HYDRANT
○ C.T.I.F. CRIMPED TOP IRON FOUND	⊗ ^{WM} WATER METER
○ O.T.I.F. OPEN TOP IRON FOUND	⊗ ^{WV} WATER VALVE
○ R.B.F. REBAR FOUND	— POWER POLE
○ R.B.F. REBAR IRON FOUND	⊗ DRAINAGE INLET
■ C.M.F. CONCRETE MONUMENT FOUND	— GUY WIRE

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Sawgrass
CONSULTING, LLC
ENGINEERING - SURVEYING - CONSTRUCTION MANAGEMENT

11143 Old Highway 31 Spanish Fort, AL 36527 Phone (251) 544-7900
616 H McKenzie Street Foley, AL 36535 Phone (251) 970-7900



I-10 CROSSING	SCALE: 1"=60'
ROYAL-PALMETTO	DATE: JUNE 2016
MOBILE GAS	DRAWN BY: CB
	CHECKED BY: SJD
	SHEET: 3B OF 5

PROPOSED 6" PLASTIC GAS MAIN
48" DEEP MINIMUM
PLACE IN 10" COATED STEEL

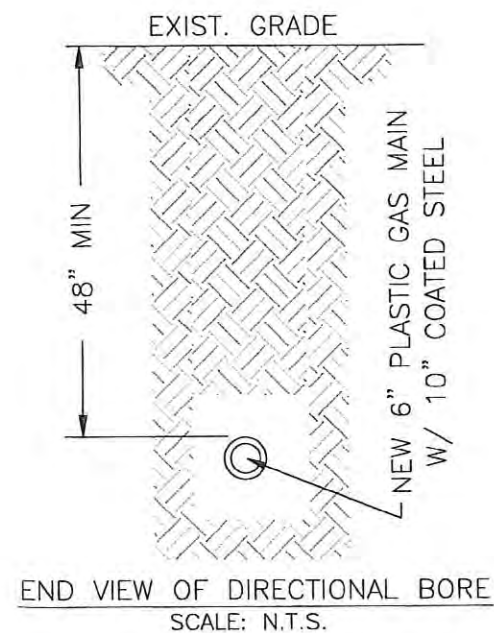
PROPOSED 40'x10'
BORE PIT

PROPOSED 10'x10'
RECOVERY BORE PIT

EXISTING 6" CAST IRON GAS MAIN:
TO BE ABANDONED & FILLED WITH
FLOWABLE FILL

NOTE:

PROPOSED GAS MAIN
ENCASEMENT WILL BE
INSTALLED BY DIRECTIONAL
DRILLING
(BOREHEAD DIAMETER 5.5")
(REAMER SIZE 14")

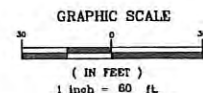


LEGEND	
— EXIST. GAS MAIN	4"x4' PIT
— PROPOSED GAS MAIN	GV GAS VALVE
— EXIST. GAS SERVICE LINE	WV SANITARY SEWER VALVE
— NEW GAS SERVICE LINE	CO SANITARY SEWER CLEANOUT
— SANITARY SEWER MAIN	MH SANITARY SEWER MANHOLE
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o O.T.I.F. OPEN TOP IRON FOUND	WV WATER VALVE
o R.B.F. REBAR FOUND	PO POWER POLE
o R.B.F. REBAR IRON FOUND	DI DRAINAGE INLET
■ C.M.F. CONCRETE MONUMENT FOUND	GW GUY WIRE

NUMBER:	REVISION:	DATE:

UNDERGROUND UTILITY NOTE:
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(INCLUDING PRIVATE UTILITIES OUTSIDE A PUBLIC RIGHT-OF-WAY) THAT
DO NOT PARTICIPATE IN THE ALABAMA ONE CALL LINE LOCATION
SERVICE NEED TO BE CONTACTED INDIVIDUALLY AND/OR PHYSICALLY
LOCATED BY THE CONTRACTOR.

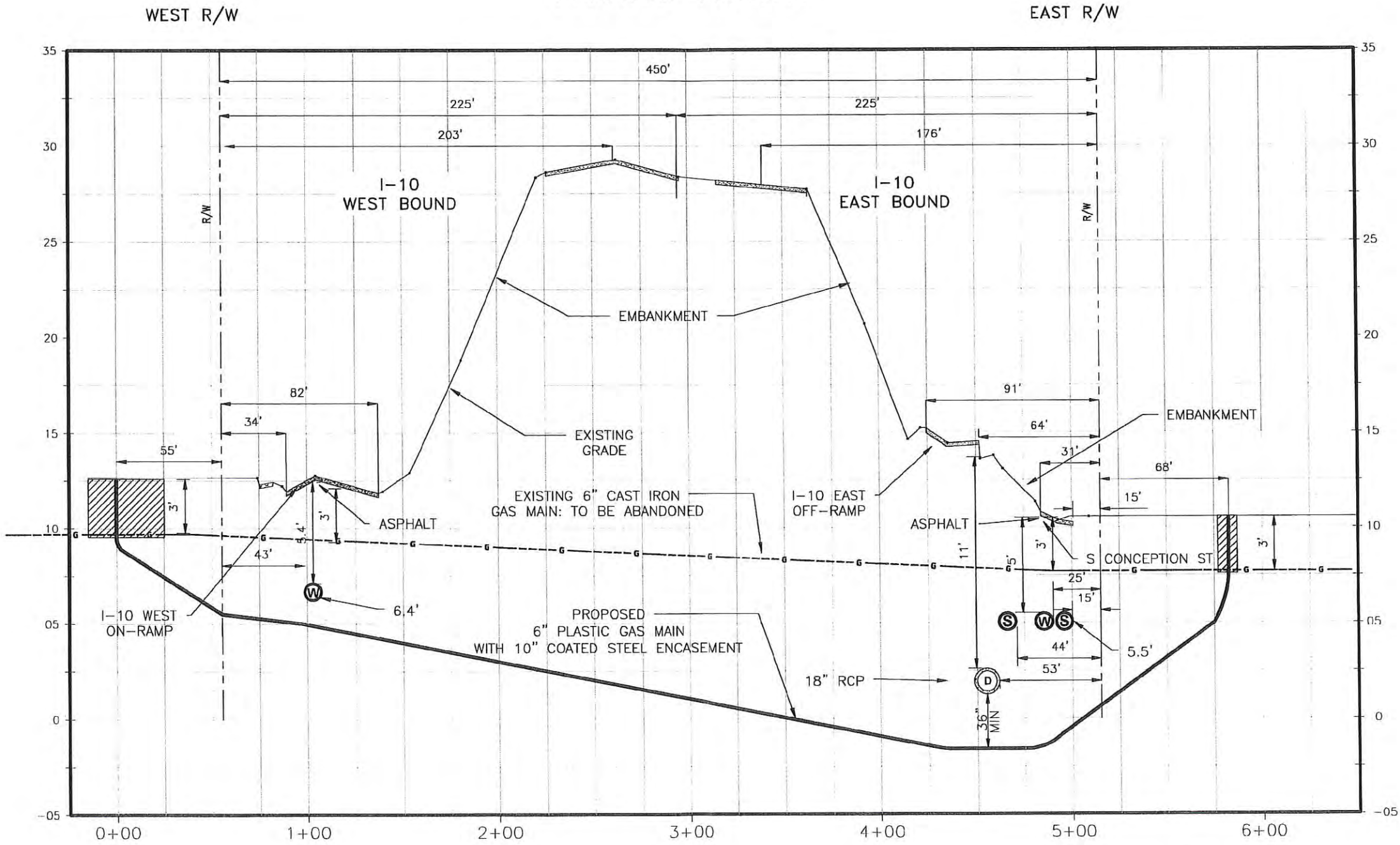
Sawgrass
CONSULTING, LLC
ENGINEERING - SURVEYING - CONSTRUCTION MANAGEMENT
11143 Old Highway 31 Spanish Fort, AL 36527 Phone: (251) 544-7900
818 N. McCarrie Street Foley, AL 36535 Phone: (251) 970-7900



I-10 CROSSING
ROYAL-PALMETTO
MOBILE GAS

SCALE:	1"=60'
DATE:	JUNE 2016
DRAWN BY:	CB
CHECKED BY:	SJD
SHEET:	4 OF 5

PROFILE: I-10 CROSSING FACING NORTH



VERTICAL SCALE HORIZONTAL SCALE
1"=10' 1"=100'

NOTE:
PROPOSED GAS MAIN ENCASEMENT WILL BE
INSTALLED BY DIRECTIONAL DRILLING
(BOREHEAD DIAMETER 5.5") (REAMER SIZE 14")

NUMBER:	REVISION:	DATE:

Sawgrass
CONSULTING, LLC
ENGINEERING - SURVEYING - CONSTRUCTION MANAGEMENT
11143 Old Highway 31, Spanish Fort, AL 36527 Phone: (251) 544-7930
810 N McKenzie Street Foley, AL 36535 Phone: (251) 970-7900

I-10 CROSSING (PROFILE)
ROYAL-PALMETTO
MOBILE GAS

SCALE:	AS SHOWN
DATE:	JUNE 2016
DRAWN BY:	CB
CHECKED BY:	SJD
SHEET:	5 OF 5