



Robert Bentley
GOVERNOR

ALABAMA DEPARTMENT OF TRANSPORTATION

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



John R. Cooper
TRANSPORTATION DIRECTOR

March 29, 2016

Board of Water and Sewer Commissioners of Mobile
Attn: Douglas L. Cote
4725 Moffett Road
Mobile, AL 36618

Dear Sir:

RE: Permit Number: 9-1-10136
Mobile County

Permit Expiration Date: March 29, 2017

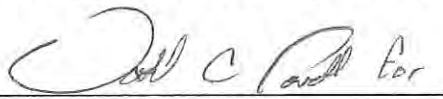
Attached, please find an approval for the utility work more particularly described in the permit strictly in the ALDOT right of way of I-10 between MP 26.44 and MP 26.74.

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

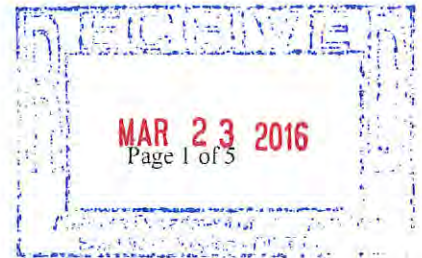
By: 

Jason Shaw, P.E.
Maintenance Engineer Southwest Region - Mobile

JS/cbp

Attachment

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



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

Project Number _____	Bond Number <u>69308794</u>
Permit Number <u>9-1-10136</u>	Bonding Agency <u>Western Surety Company</u>
Route Number <u>I-10</u>	P.E. <u>William Kleckley</u>
R.O.W. _____	Construction _____
Location of Accommodation: Milepost <u>26.44</u> to <u>26.74</u>	Utilities <u>Sanitary Sewer</u>

THIS AGREEMENT is entered into this the 22nd day of March, 2016, by and between the Alabama Department of Transportation acting by and through its Transportation Director hereinafter referred to as ALDOT and Board of Water and Sewer Commissioners of Mobile 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:
Bypass pumping operations consisting of temporary above ground pumps and piping within the right of way; Cure in Place Pipe (CIPP) rehabilitation of existing sanitary sewer and rehabilitation of manholes using cementitious spray liner within ROW.

_____ ; 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 **\$ 100,000.00** (Bond Number: **69308794**) 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

 X

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 or its contract with the APPLICANT, to include ALDOT as an additional insured in any insurance policy providing coverage for the work to be performed pursuant to and under this Agreement and to provide the APPLICANT a copy of the insurance policy declaration sheet confirming the addition of ALDOT thereto.

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

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

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

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

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

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

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

19. The APPLICANT stipulates that the specific use of these facilities located upon public right-of-way is sanitary sewer

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 22ND day of

MARCH, 20 16.

**Board of Water and Sewer Commissioners
of Mobile**

WITNESS:

[Signature]

Legal Name of Applicant

By:

[Signature]
Signature and Title

Douglas L. Cote, Assistant Director-Operations

Typed or Printed Name

4725 Moffett Road

Address Line 1

Mobile, Alabama 36618-0249

Address Line 2

(251) 694-3187

Telephone Number

RECOMMENDED FOR APPROVAL:

[Signature]
District Manager

03/25/2016
Date

Area Operations Engineer

Date

Region Engineer

Date

APPROVED:

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

By:

Vincent E. Calamelli DCP
Maintenance / Region / Area Operations Engineer or District Manager

Date:

3/28/16

UTILITY PERMIT CHECKLIST

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

Applicant Board of Water & Sewer Commissioners of Mobile

Route I-10

Milepost 26.44 - 26.74

❖ **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)

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

- x Name of County
- x Mile Post to the nearest 0.01 mile
- x Route Number (SR-xx, US-xx, I-xx)
- x Date (Enter date for final submittal only)
- x Applicant's Legal Name, signature, mailing address and phone number
- x Include Amount of Bond, Bond Number, and Expiration Date (Enter on final submittal)
- x 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

- N/A Underground utilities installed across Interstate ROW must be bored not open cut
- N/A 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
- N/A Location of all existing & proposed utilities, appurtenances, drainage structures & accessories
- N/A Typical section of all bores or crossings (show all depths, lengths, distances, and type bore)
- N/A Show abandoned utility lines
 - Abandoned lines 4" or greater will be filled with grout or removed.
- N/A If a patch is to be made it shall be according to ALDOT's patch detail requirements
- N/A Type of Bury – Trenching, Plow, Directional Bore, Jack and Bore, etc...
 - plowing or trenching will not be allowed within the road prism area
- N/A 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
- N/A 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)
- N/A 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

N/A 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

X 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

N/A Water, Sewer and Gas mains larger than 2" will be encased in coated steel

N/A Communication lines may use HDPE

N/A Minimum depth measurement is measured from the base of pavement to top of encasement

N/A Encasement size, length (minimum-back of ditch to back of ditch), type of material and coating

N/A 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 Paul Kleinschrodt - 251-895-0656
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 0.2 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: _____

Board of Water & Sewer Commissioners of Mobile

P.O. Box 180249

Mobile, AL 36618

2/15/16

Applicant

Applicant's Mailing Address

Date

251-694-3196

dcote@mawss.com

Applicant's Phone Number

Applicant's E-mail address

William Kleckley, P.E.

Engineer of Record

251-479-0808

bkleckley@tcgeng.com

Engineer's Phone Number

Engineer's E-mail address

60-B Springdale Blvd

Mobile, AL 36606

Mailing Address for Approved Permit

This bond is in replacement of and not in addition to the previous bond #69308794, issued on March 15, 2002.

Form BM-174
Revised December 2005
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Page 1 of 3

COPY

BOND

Bond No. 69308794

FOR PERFORMANCE OF THE WORK

Effective Date March 15, 2014

STATE OF ALABAMA
MONTGOMERY COUNTY

KNOWN ALL MEN BY THESE PRESENTS: That we The Board of Water & Sewer
Commissioners of The City of Mobile, as Principal, and
WESTERN SURETY COMPANY, as Surety, are held and firmly bound unto the ALABAMA
DEPARTMENT OF TRANSPORTATION, in the penal sum of \$100,000.00
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 the 20th
day of March, 2014.

PROVIDED, HOWEVER, that the condition of this obligation is such that whereas the above bound
principal hereon, Namely, The Board of Water & Sewer
Commissioners of The City of Mobile 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 Mobile
County, Alabama, Highway Number _____, a copy of which permit Contract is hereto attached.

The Board of Water & Sewer Commissioners of
NOW, THEREFORE, In the event the said The City of Mobile
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.

COPY

COPY

PROVIDED, further, that upon the failure of the said The Board of Water & Sewer Commissioners of The City of Mobile, 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.

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 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.

COPY

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 20th day of March, 2014.

ATTEST:

(Name and Title)

(Signature of Applicant Official)

(Title of Officer Signing)

(Affix
Seal)

WESTERN SURETY COMPANY
Name of Surety

The Board of Water & Sewer
Commissioners of The City of Mobile
Legal Name of Applicant (Company) as Principal

P. O. Box 2368, Mobile, AL 36652
Address

Contact Number

By: H. Dahlstrom

Attorney in Fact - for Surety H. Dahlstrom, Asst. Sec.

NOTICE TO ALABAMA RESIDENT AGENT

Countersigned by Alabama
Resident Agent for Surety:

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

Not Needed

Name

P. O. BOX 81569

Address

MOBILE AL 36689-1569

(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.)

COPY

STATE OF SOUTH DAKOTA
County of Minnehaha

} SS

ACKNOWLEDGMENT OF SURETY
(Corporate Officer)

On this 20th day of March, 2014, before me, a Notary Public in

and for said County, personally appeared H. Dahistrom, Ass't Sec.
personally known to me, who being by me duly sworn, did say that he is the aforesaid officer of WESTERN SURETY
COMPANY, a corporation duly organized and existing under the laws of the State of South Dakota, that the seal affixed to the
foregoing instrument is the corporate seal of said corporation, that the said instrument was signed, sealed and executed on
behalf of said corporation by authority of its Board of Directors, and further acknowledge that the said instrument and the
execution thereof to be the voluntary act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal the day and year last above
written.

My commission expires
H. STVERAK
My Commission Expires 4-10-2017

COPY *Stverak*

Notary Public

Western Surety Company

CONTINUATION CERTIFICATE

Western Surety Company hereby continues in force Bond No. 69308794 briefly described as RIGHT OF WAY ALL ROUTES IN MOBILE COUNTY
THE BOARD OF WATER & SEWER COMMISSIONERS OF THE CITY OF MOBILE, as Principal, in the sum of \$ ONE HUNDRED THOUSAND AND NO/100 Dollars, for the term beginning March 15, 2016, and ending March 15, 2017, 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 19 day of February, 2016.



WESTERN SURETY COMPANY

By

Paul T. Bruhat, Vice President

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

CONCEPTION STREET 48" AND 54" GRAVITY SEWER CIPP AND MANHOLE LINING PROJECT



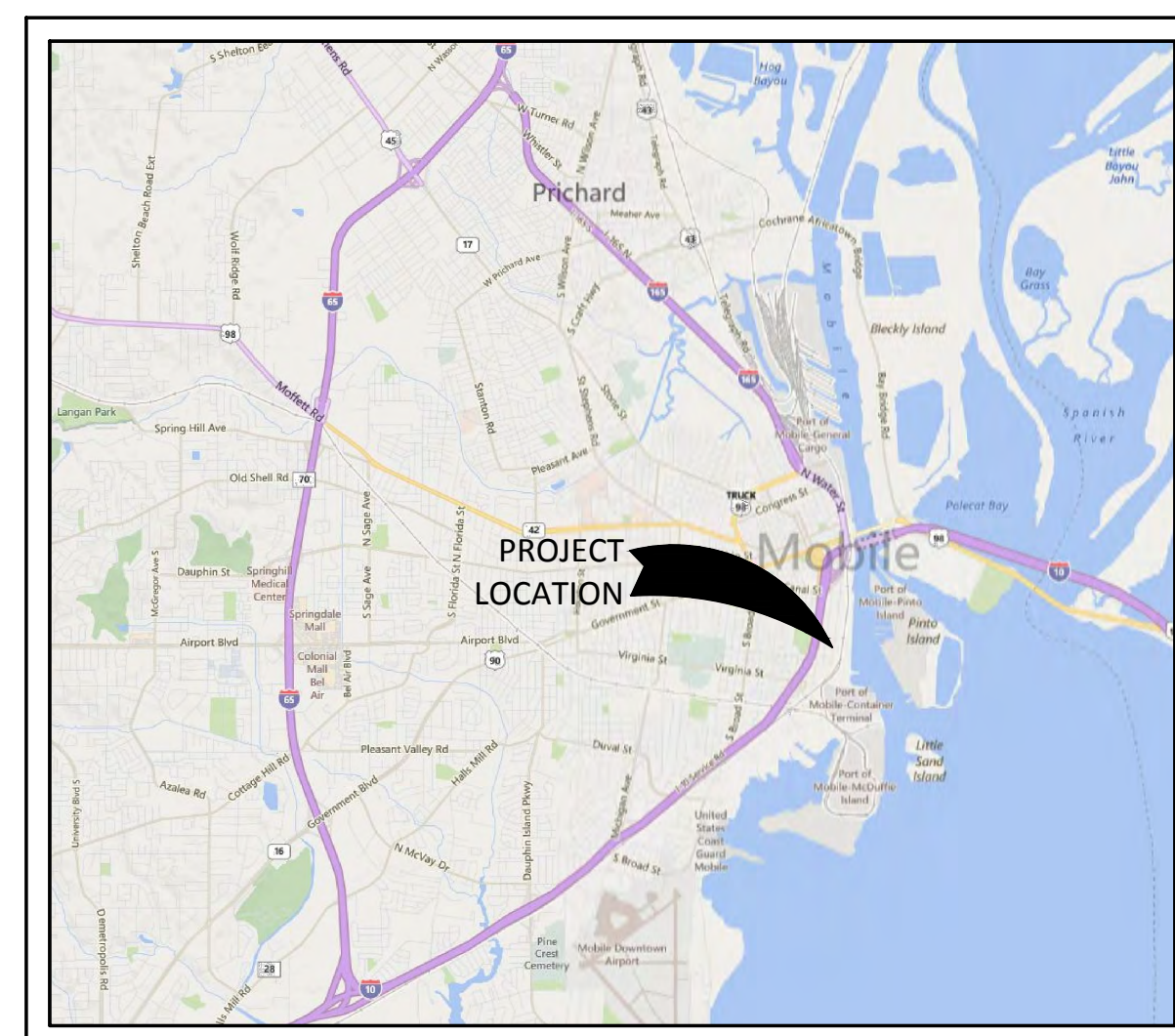
PREPARED FOR



4725 MOFFETT RD.
MAWSS PARK FOREST PLAZA
MOBILE, AL. 36618
PH. 251-694-3100

BOARD COMMISSIONERS

SHERI WEBER	CHAIR
JAMES W. BELL	SECRETARY-TREASURER
MAYNARD V. GDOM	COMMISSIONER
JAMES LAIER	COMMISSIONER
BARBARA DRUMMOND	COMMISSIONER
SAMUAL JONES	COMMISSIONER
PAT TYRELL	COMMISSIONER
CHARLES HYLAND	DIRECTOR



PROJECT LOCATION
NOT TO SCALE

PREPARED BY:

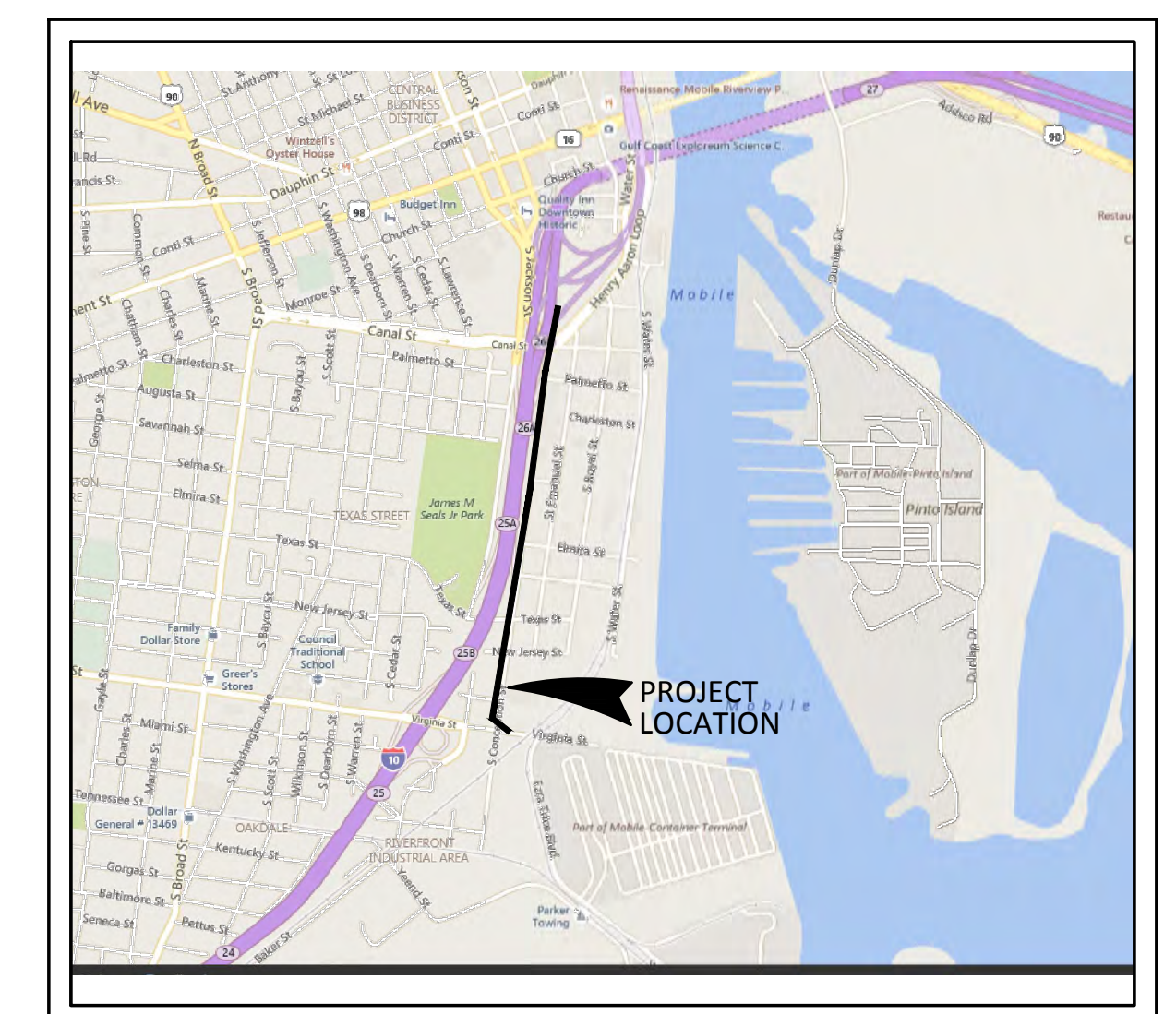


60-B SPRINGDALE BLVD.
MOBILE, AL 36606
PH. 251-479-0808

PROJECT NO.: 100316.21

DATE PREPARED:

March 2016



VICINITY MAP
NOT TO SCALE

Z:\PROJECT FILES\100316.21 MAWSS CONCEPTION.SET 48" AND 54" INCH CIPP SEWER LINING\300 DESIGN\355 PRELIMINARY DRAWINGS\CONCEPTION COVER SHEET-NOTES-INDEX.DWG. 3/23/2016 10:08 AM
REUSE OF DOCUMENTS: THIS DOCUMENT AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF CONSTANTINE ENGINEERING. HOWEVER, THIS SHALL NOT PROHIBIT THE REUSE OF THIS DOCUMENT BY THE CLIENT AS PROVIDED FOR BY THE CONTRACT.

GENERAL NOTES

- THE ENGINEER WILL REVIEW THE EXISTING UTILITIES, STRUCTURES AND SPECIFIC LOCATION OF PIPING IN THE FIELD WITH THE CONTRACTOR BEFORE CONSTRUCTION BEGINS. THESE DRAWINGS DO NOT PURPORT TO SHOW IN COMPLETE DETAIL ALL EXISTING STRUCTURES, UTILITIES OR PIPING. THE CONTRACTOR SHALL EXAMINE ALL AVAILABLE RECORDS AND MAKE ALL EXCAVATIONS AND EXPLORATIONS AS REQUIRED TO DETERMINE THE LOCATION OF EXISTING STRUCTURES, UTILITIES AND PIPES WHENEVER NECESSARY.
 - THE CONTRACTOR SHALL SCHEDULE HIS WORK SO THAT THE WORK PROCEEDS IN AN EFFICIENT AND ORDERLY MANNER WITHOUT DISRUPTION OF SANITARY SEWER SERVICE TO THE OWNER. THE CONTRACTOR SHALL BE AWARE THAT THE WORK TO BE ACCOMPLISHED IS PART OF AN EXISTING AND OPERATING SANITARY SEWER COLLECTION SYSTEM. ALL CONSTRUCTION SHALL BE COORDINATED WITH THE OWNER IN ORDER TO MINIMIZE OPERATIONAL PROBLEMS.
 - CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE DONE BY HIS EQUIPMENT TO EXISTING UTILITIES, CROSS-RAIN PIPES, BOX CULVERTS AND HEADWALLS.
 - ALL PROPERTY LINE MARKERS (IRON PINS, CONCRETE MONUMENTS, ETC.) DESTROYED DURING CONSTRUCTION SHALL BE REPLACED IN KIND BY THE CONTRACTOR, AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL EMPLOY A LAND SURVEYOR REGISTERED IN THE STATE OF ALABAMA TO RESET PROPERTY MARKERS.
 - ALL ROADWAY SHOULDERS DISTURBED DURING CONSTRUCTION SHALL BE GRASSED AND MULCHED IN ACCORDANCE WITH THE SPECIFICATIONS IMMEDIATELY AFTER EXCAVATION IS COMPLETE OR PIPE IS IN PLACE.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING FLOWS THROUGH EXISTING PIPING, CHANNELS AND STRUCTURES AND DIVERSION OF FLOWS AS NECESSARY DURING CONSTRUCTION UNDER THIS CONTRACT.
 - THE CONTRACTOR SHALL PROVIDE, AT NO ADDITIONAL COST TO THE OWNER, ALL NECESSARY LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS AS REQUIRED TO ACCOMPLISH THE INTENT OF WORK SHOWN ON THE DRAWINGS AND AS SPECIFIED.
 - CONCRETE & ASPHALT DRIVEWAYS CUT DURING CONSTRUCTION SHALL BE REPAIRED IN ACCORDANCE WITH CONTRACT SPECIFICATIONS AND THESE DRAWINGS.
 - THE JOB SITE SHALL BE KEPT CLEAN AT ALL TIMES. LOOSE DIRT SHALL NOT BE ALLOWED TO CLOG DITCHES OR COVER SIDEWALKS. SOFT CLAY OR OTHER UNDESIRABLE MATERIAL REMOVED FROM TRENCHES SHALL BE REMOVED FROM STREETS, SIDEWALKS OR DITCHES. THE OWNER RESERVES THE RIGHT TO DEMAND THAT THE CONTRACTOR'S FORCES BE DIVERTED TO THIS CLEAN-UP AT ANY TIME THAT CONDITION OF STREETS, DRIVEWAYS, SIDEWALKS OR PRIVATE PROPERTY WARRANTS SUCH DIVERSION. SUCH DIVERSION OF CONTRACTOR'S FORCES WILL NOT ENTITLE THE CONTRACTOR TO ANY EXTENSION OF TIME OR ADDITIONAL COMPENSATION.
 - THE CONTRACTOR SHALL TAKE ALL NECESSARY STEPS BOTH TO PREVENT SILT AND/OR ERODED MATERIALS EXCAVATED ON THIS PROJECT FROM BEING DEPOSITED ON PRIVATE PROPERTIES ADJACENT TO THE PROJECT AND TO PREVENT EXCAVATED SOIL ON THE PROJECT FROM WASHING INTO ALL CREEKS, BRANCHES OR STREAMS. THE CONTRACTOR SHALL USE SILT CURTAINS OR OTHER MEANS AND SHALL SUBMIT EROSION AND SEDIMENT CONTROL PLANS FOR ENGINEER APPROVAL. ALL EROSION AND SEDIMENTATION WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE "BEST MANAGEMENT PRACTICES" AS PREPARED BY ADEM AND EPA AND WITH THE CONTRACT SPECIFICATIONS.
 - ALL SEWER CONSTRUCTION WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE INDUSTRY CODES OR STANDARDS. THESE CODES AND STANDARDS INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING: AMERICAN WATER WORKS ASSOCIATION (AWWA), AMERICAN NATIONAL STANDARD INSTITUTE (ANSI), AMERICAN RAILWAY ENGINEERING ASSOCIATION (AREA), AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM), OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO), DUCTILE IRON PIPE RESEARCH ASSOCIATION (DIPRA), STATE OF ALABAMA HIGHWAY DEPARTMENT (ALDOT) AND ENVIRONMENTAL PROTECTION AGENCY (EPA).
 - IN THE CITY OF MOBILE RIGHT-OF-WAY, THE CONTRACTOR SHALL BE IN ADHERENCE TO THE MOBILE RIGHTS OF WAY CONSTRUCTION AND ADMINISTRATION ORDINANCE. THE CONTRACTOR SHALL ALSO PERFORM ALL WORK IN CONFORMANCE TO THE PROVISIONS OF THE FOLLOWING: CITY OF MOBILE STANDARD SPECIFICATIONS AND THE ALABAMA DEPARTMENT OF TRANSPORTATION UTILITY MANUAL, LATEST EDITION; STATE OF ALABAMA HIGHWAY DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 2012 EDITION; AND MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), PART VI, LATEST EDITION.
 - AGGREGATE SURFACING SHALL BE USED FOR MAINTAINING UNPAVED TURNOUTS DURING CONSTRUCTION. THIS MATERIAL SHALL BE VISUALLY INSPECTED BY THE ENGINEER. CONTRACTOR TO MAINTAIN THE CONDITION OF THE AGGREGATE SURFACING AND MINIMIZE TRACKING.
 - ALL COMPACTION REPORTS ARE TO BE SUBMITTED VIA E-MAIL TO TONI MURPHY (MURPHY@CITYOFMOBILE.ORG) AND JESSE YAWN (JESSE.YAWN@CITYOFMOBILE.ORG)
 - TURNOUTS SHALL BE MAINTAINED FOR LOCAL TRAFFIC AT ALL TIMES. AT LEAST ONE ACCESS TO BUSINESS & RESIDENCES SHALL BE MAINTAINED DURING CONSTRUCTION.
 - EXISTING CONCRETE GUTTER SHOULD BE CLEANED AND MATERIAL REMOVED OR PLACED NEATLY ON THE SHOULDERS PRIOR TO PAVING. JOINTS IN THE CURB & GUTTER SHOULD BE TREATED WITH A HERBICIDE. INLETS SHOULD BE CLEANED OF DEBRIS.
 - ALL VEHICLES, EQUIPMENT AND PERSONNEL & THEIR ACTIVITIES ARE RESTRICTED AT ALL TIMES TO ONE SIDE OF THE PAVEMENT UNLESS AUTHORIZED BY THE ENGINEER.
 - THE CONTRACTOR WILL INSURE THAT POSITIVE AND ADEQUATE DRAINAGE IS MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS. THIS MAY INCLUDE, BUT NOT BE LIMITED TO, REPLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED OR REGRADING AS REQUIRED BY THE ENGINEER, EXCEPT FOR THOSE DRAINAGE ITEMS SHOWN AT SPECIFIC LOCATIONS IN AND HAVING SPECIFIC PAY ITEMS IN THE DETAILED ESTIMATE. NO SEPARATE PAYMENT WILL BE MADE AT ANY COSTS INCURRED TO COMPLY WITH THIS REQUIREMENT.
- SITE CONSTRUCTION NOTES
- ALL CONCRETE SHALL BE CLASS A, 3,000 PSI AT 28 DAYS COMPRESSIVE STRENGTH WITH A MAXIMUM SLUMP OF 4" UNLESS NOTED OTHERWISE. CITY OF MOBILE REQUIRES A BROOM FINISH ON ALL SIDEWALKS.
 - ALL MATERIALS SHALL BE NEW UNLESS USED OR SALVAGED MATERIAL ARE AUTHORIZED BY THE ENGINEER.
 - ALL DIMENSIONS ARE FACE OF CURB AND FACE OF BUILDING OR AS NOTED.
 - NECESSARY BARRICADES, SUFFICIENT LIGHTS, SIGNS AND OTHER TRAFFIC CONTROL METHODS AS MAY BE NECESSARY PER MANUAL PROTECTION AND ON UNIFORM TRAFFIC CONTROL DEVICES, PART VI, SHALL BE PROVIDED AND MAINTAINED THROUGHOUT CONSTRUCTION.
 - HIGH INTENSITY LIGHTING FACILITIES SHALL BE SO ARRANGED THAT THE SOURCE OF ANY LIGHT IS CONCEALED FROM PUBLIC VIEW AND FROM ADJACENT RESIDENTIAL PROPERTY AND DOES NOT INTERFERE WITH TRAFFIC.
 - THE CONTRACTOR SHALL MAINTAIN ACCESS FOR EMERGENCY VEHICLES AROUND AND TO ALL BUILDINGS NEAR CONSTRUCTION; I.E. IN TIMES OF RAIN OR MUD, ROADS SHALL BE ABLE TO CARRY A FIRE TRUCK BY BEING PAVED OR HAVING A CRUSHED STONE BASE, ETC. WITH A MINIMUM WIDTH OF 20 FEET. THIS ACCESS TO BUILDINGS THAT HAVE SPRINKLER OR STANDPIPE SYSTEMS SHALL BE TO WITHIN 40 FEET OF THE FIRE DEPARTMENT CONNECTOR (NFPA 1141 3-1)

- ALL SIDEWALK & DRIVEWAY CONSTRUCTION SHOWN IN THESE PLANS SHALL BE IN ACCORDANCE WITH THE CITY OF MOBILE STANDARDS. CONTRACTOR SHALL MATCH DRIVEWAYS IN-KIND. WHEN STANDARD DRIVEWAYS IS NOT APPLICABLE, CONTACT CITY OF MOBILE ROW INSPECTOR FOR THIS PROJECT 24 HOURS IN ADVANCE OF TIME TO COORDINATE ANY NON STANDARD ITEMS OR IF ADDITIONAL INFORMATION IS REQUIRED.
- AT ALL LOCATIONS WHERE NEW SIDEWALK, EDGE OF PAVEMENT OR CURB IS REQUIRED TO BE PLACED ADJACENT TO EXISTING ASPHALT OR CONCRETE PAVEMENT, ANY NECESSARY EXISTING PAVEMENT REMOVAL IS TO BE ACCOMPLISHED ALONG NEAT, FULL DEPT SAW CUT LINES. THE COST OF THIS WORK SHALL BE A SUBSIDIARY OBLIGATION OF ITEM PA-6.
- CONTRACTOR TO CONTACT CITY OF MOBILE RIGHT OF WAY INSPECTOR, TONI MURPHY (251) 509-7419, 24 HOURS BEFORE STARTING WORK, FOR PRE-POUR INSPECTION BEFORE SIDEWALK AND/OR DRIVEWAY IS POURED. ALL INSPECTIONS TO BE SCHEDULED 24 HOURS IN ADVANCE. IF TONI MURPHY CANNOT BE REACHED, CONTACT JESSE YAWN (251) 208-7145.
- PRIOR TO CONSTRUCTION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PREPARE, FOR APPROVAL BY THE PROJECT ENGINEER, A DETAILED AND COMPREHENSIVE EROSION AND SILTATION CONTROL PLAN THAT COVER ALL PHASES OF CONSTRUCTION. CONTRACTOR SHALL SUBMIT TO THE CITY OF MOBILE ROW DEPT. PRIOR TO ISSUANCE OF PERMIT.
- ALL PERMITS REQUIRED FOR COMPLETION OF CONSTRUCTION SHALL BE FURNISHED AND OBTAINED BY THE CONTRACTOR PRIOR TO BEGINNING WORK.
- EXISTING STREET AND ROAD NAMES SIGNS IN THE PROJECT AREA SHALL BE KEPT VISIBLE AT ALL TIMES FOR THE FACILITATION OF ACCESS BY EMERGENCY VEHICLE TRAFFIC.
- THE CONTRACTOR WILL BE REQUIRED TO COORDINATE CONSTRUCTION EFFORTS WITH OTHER CONTRACTORS THAT HAVE BEEN AWARDED MAWSS CONTRACTS WITH IN THE LIMITS OF THE PROJECT. IN ADDITION, THE CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATION OF ALL CONSTRUCTION SCHEDULES. ALL COSTS INCURRED BY THE CONTRACTOR FOR THE COORDINATION EFFORTS WILL BE INCIDENTAL TO EXISTING PAY ITEMS.
- CONTRACTOR SHALL MAKE A REQUEST FOR PERMANENT PAVING TO CITY OF MOBILE ROW INSPECTOR, TONI MURPHY AT (MURPHY@CITYOFMOBILE.ORG). IF TONI MURPHY IS NOT AVAILABLE, CONTACT JESSE YAWN (JESSE.YAWN@CITYOFMOBILE.ORG)
- CONTRACTOR SHALL NOTIFY THE CITY 2 DAYS PRIOR TO BEGINNING CONSTRUCTION.
- CONTRACTOR SHALL CONTACT CITY OF MOBILE TRAFFIC DEPARTMENT 2 BUSINESS DAYS PRIOR TO BEGINNING CONSTRUCTION.
- REFER TO PATCH AND PAVING PLAN FOR ADDITIONAL NOTES.
- REFER TO SECTION 12 OF MAWSS STANDARD SPECIFICATIONS FOR SANITARY SEWER DETAILS.

ALDOT GENERAL NOTES

- ALL METERS ARE TO BE INSTALLED OFF ALDOT RIGHTS-OF-WAY.
- ALL MANHOLES, VALVE BOXES AND HAND HOLES SHOULD BE MOUNTED FLUSH WITH EXISTING GROUND.
- CONTACT DISTRICT ENGINEER 48 HOURS PRIOR TO BEGINNING WORK ON ALDOT RIGHT-OF-WAY. THE DISTRICT ENGINEER FOR THE NINTH DIVISION IS (MOBILE COUNTY) FRANKIE SMITH AT 470-8322.
- THE CONTRACTOR SHALL WRITE A LETTER REQUESTING TO MEET WITH THE DISTRICT MANAGER UPON COMPLETION OF PERMITTED WORK TO EVALUATE 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;
MAWSS: JASON DOBBS - 251-680-2689
CONSTANTINE ENGINEERING: PAUL KLEINSCHRODT - 251-895-0656
- ON SITE REPRESENTATIVE WILL HAVE ON HAND, AT ALL TIMES;
-APPROVED PERMIT AND PLANS STAMPED BY THE DIVISION ENGINEER
-TRAFFIC CONTROL PLAN
-EROSION CONTROL PLAN.
- ALL DISTURBED AREAS SHALL BE RE-SODDED OR SEEDED AS DIRECTED BY THE DEPARTMENT OF TRANSPORTATION'S DISTRICT MANAGER.
- ALL WORK WILL MEET OR EXCEED ALDOT SPECIFICATIONS.
- ALL WORK ON 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 R/W)
- ALL TREES OVER 4" SHALL NOT BE CUT/REMOVED WITHOUT WRITTEN PERMISSION FROM ALDOT.
- ALL INSTALLATIONS THAT REQUIRE BORE PITS MUST STATE/DEPICT BORE PIT DIMENSIONS (L X W X D).
- 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.)
- UPON COMPLETION AND 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 AMOUNT OF AREA TO BE DISTURBED DURING CONSTRUCTION OF THIS PERMIT IS 0.2 ACRE(S).
- 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 AT 1-800-292-8525, ALABAMA LINE LOCATION CENTER, INC.
- 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.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ORNAMENTAL VEGETATIVE LANDSCAPING (SHRUBS, FLOWERS ORNAMENTAL GRASS, ETC.) DISTURBED DURING CONSTRUCTION AND SHALL BE REPLACED, TRANSPLANTED OR RE-SODDED AS DIRECTED BY THE ALABAMA DEPARTMENT OF TRANSPORTATION DISTRICT MANAGER.
 - ALL FILL MATERIAL OR ONSITE DEBRIS DEPOSITED IN THE RIGHT-OF-WAY SHALL BE REMOVED PRIOR TO ISSUANCE OF CERTIFICATE OF OCCUPANCY.
 - 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).
 - 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 CONTRACTOR SHALL CLEAN UP STREETS IMMEDIATELY AFTER CONCRETE OR OTHER DELIVERY TRUCKS LEAVE THE SITE. MUD AND DEBRIS ARE TO BE KEPT OFF STREETS, INLETS, DITCHES, ETC.
 - FUEL TANKS SHALL NOT BE STORED ON THE RIGHT-OF-WAY OVERNIGHT. VEHICLES TRANSPORTING FUEL, CHEMICALS, FERTILIZERS, ETC., ON TO RIGHT-OF-WAY SHALL NOT BE LEFT UNATTENDED.
 - 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.
 - 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 UNLESS PERMITTED.



TRAFFIC CONTROL NOTES - MAWSS/CONTRACTOR

- MAWSS/CONTRACTOR SHALL BE RESPONSIBLE FOR STRICT COMPLIANCE WITH PART VI OF THE FEDERAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION AND SHALL HOLD HARMLESS THE ENGINEER, MOBILE COUNTY AND OWNER AGAINST ALL LIABILITY, CLAIM OF LIABILITY, LOSS, COST OR DAMAGE, INCLUDING DEATH, AND LOSS OF SERVICES, ON ACCOUNT OF ANY INJURY TO PERSONS OR PROPERTY, OCCURRING FROM ANY CAUSE WHATSOEVER AS A RESULT OF CONSTRUCTION ACTIVITY INVOLVED IN THIS PROJECT, AND WILL, AT HIS EXPENSE, DEFEND ON BEHALF OF THE ENGINEER, CITY OF MOBILE, MOBILE COUNTY AND OWNER, THEIR OFFICERS AND EMPLOYEES, EITHER OR ALL, ANY SUIT BROUGHT AGAINST THEM OR ANY OF THEM ARISING FROM ANY SUCH CAUSE.
- MAWSS/CONTRACTOR SHALL HAVE AVAILABLE ADEQUATE PERSONNEL AND EQUIPMENT FOR TRAFFIC CONTROL AND SHALL NOT PERFORM ANY WORK WITHIN THE STATE/COUNTY/CITY RIGHT-OF-WAY WHEN ADEQUATE PERSONNEL AND EQUIPMENT ARE NOT AVAILABLE AT THE JOB SITE.
- ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED AT THE COMPLETION OF THE WORK WHEN THE WORK AREA IS OPENED TO TRAFFIC.
- ANY OBSTACLES OR HAZARDS WITHIN THE WORK AREA SHALL BE MARKED IN ACCORDANCE WITH MUTCD, PART VI (CURRENT EDITION).

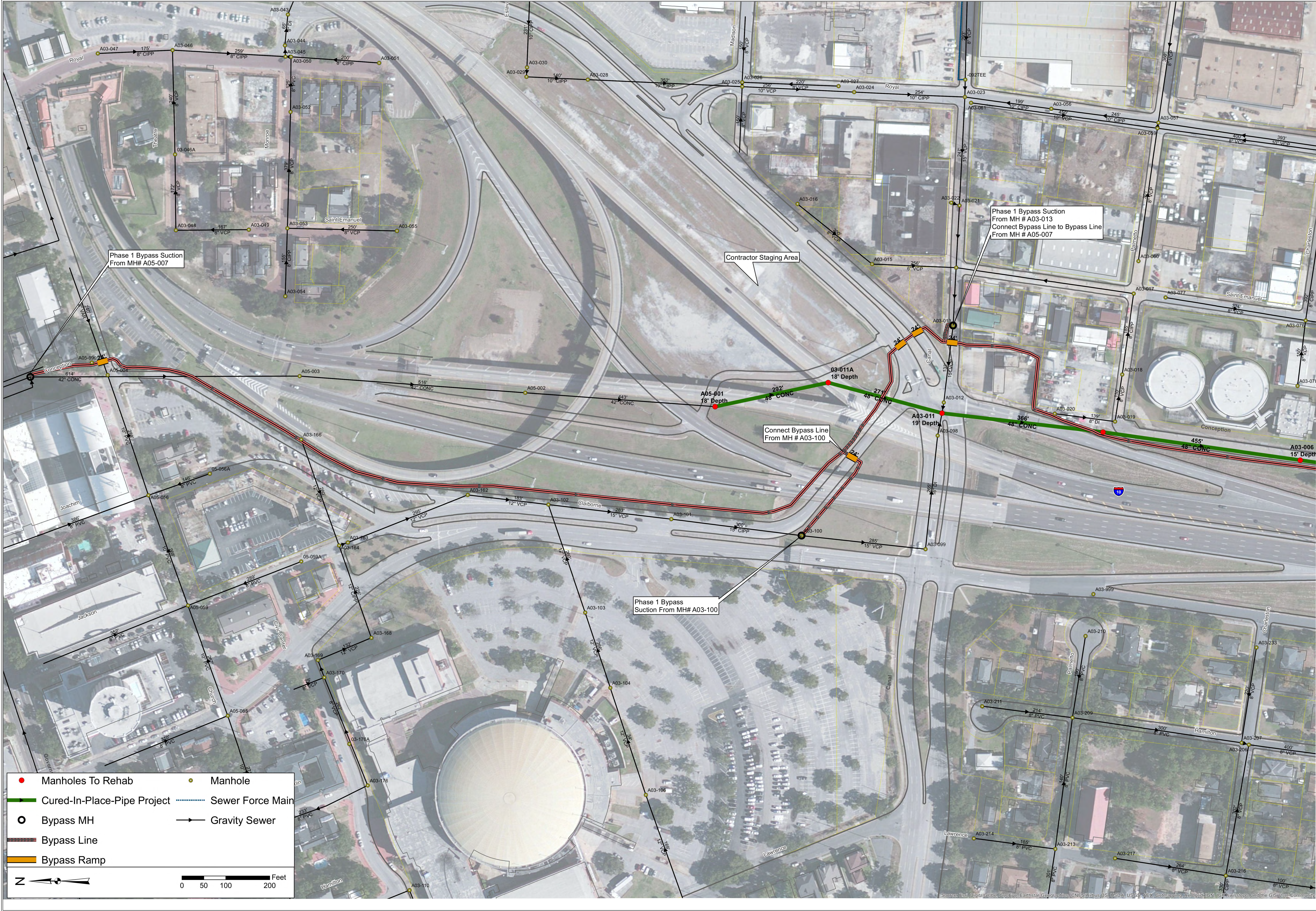
SEQUENCE OF CONSTRUCTION

- INSTALL EROSION CONTROL AND TRAFFIC CONTROL DEVICES.
- INSTALL BYPASS SYSTEMS.
- INSTALL CURE IN PLACE PIPE.
- REMOVE BYPASS SYSTEMS.
- SEED AND MULCH ALL DISTURBED AREAS.
- REMOVE EROSION CONTROL AND TRAFFIC CONTROL DEVICES.



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TC-1	STANDARD DETAILS FOR TRAFFIC CONTROL PLAN
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TC-9	TRAFFIC CONTROL PLAN
TC-10	TRAFFIC CONTROL PLAN

								BY: AFD	APPROVED BY: JS
								CHECKED BY: PK	
								REVISION: RAM	
								DRAWN BY: TCG	
								NO. DATE DESIGNED BY: TCG	
INDEX TO DRAWINGS & GENERAL NOTES									
CONCEPTION STREET 48" AND 54" GRAVITY SEWER CIPP AND MANHOLE LINING PROJECT									
									
 <div>60-B SPRINGDALE BLVD. MOBILE, AL 36606 Ph. 251-479-0808</div>									
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DATE	March 2016								
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DWG.	G-1								

Z:\PROJECT FILES\100316.21 MAWSS CONCEPTION ST. 48" AND 54" INCH CIPP SEWER LINING\300 DESIGN\355 PRELIMINARY DRAWINGS\AERIAL SHEETS.DWG
3/23/2016 10:08 AM
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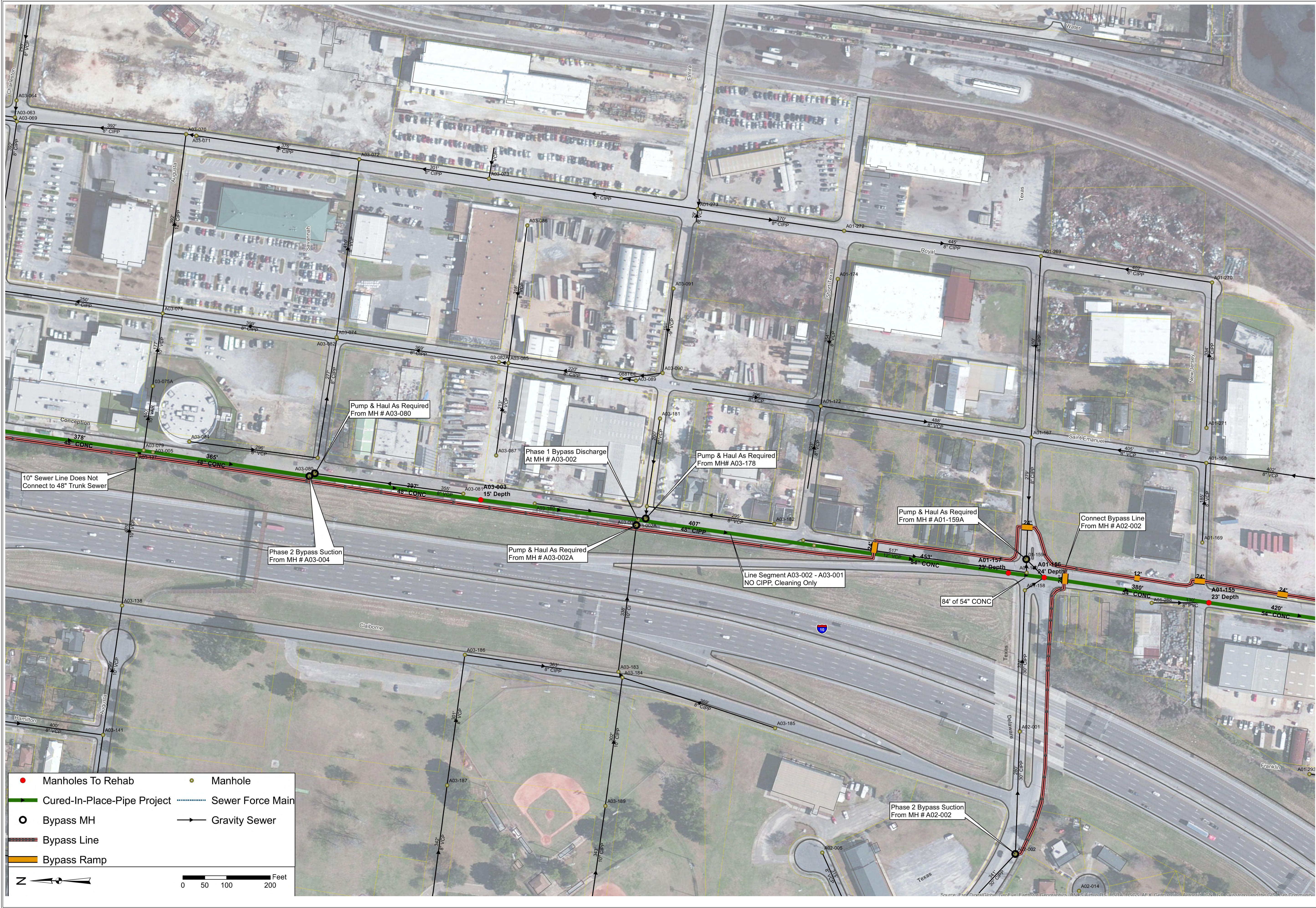
PLAN VIEW A			
CONCEPTION STREET 48" AND 54" GRAVITY SEWER CIPP AND MANHOLE LINING PROJECT			
NO.	DATE	REVISION	BY
1	3/23/2016	1	TCG
DESIGNED BY:		CHECKED BY:	APPROVED BY:
TCG		RAM	JS



60-B SPRINGDALE BLVD.
MOBILE, AL 36606
PH. 251-479-0808

FILE	SEE LEFT
VERIFY SCALE	BAR IS ONE INCH ON ORIGINAL DRAWING
DATE	March 2016
PROJ.	100316.21
DWG.	C-1

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PLAN VIEW B

CONCEPTION STREET 48" AND 54" GRAVITY
SEWER CIPP AND MANHOLE LINING PROJECT

FILE
SEE LEFT

VERIFY SCALE
BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"

DATE
March 2016

PROJ.
100316.21

DWG.
C-2

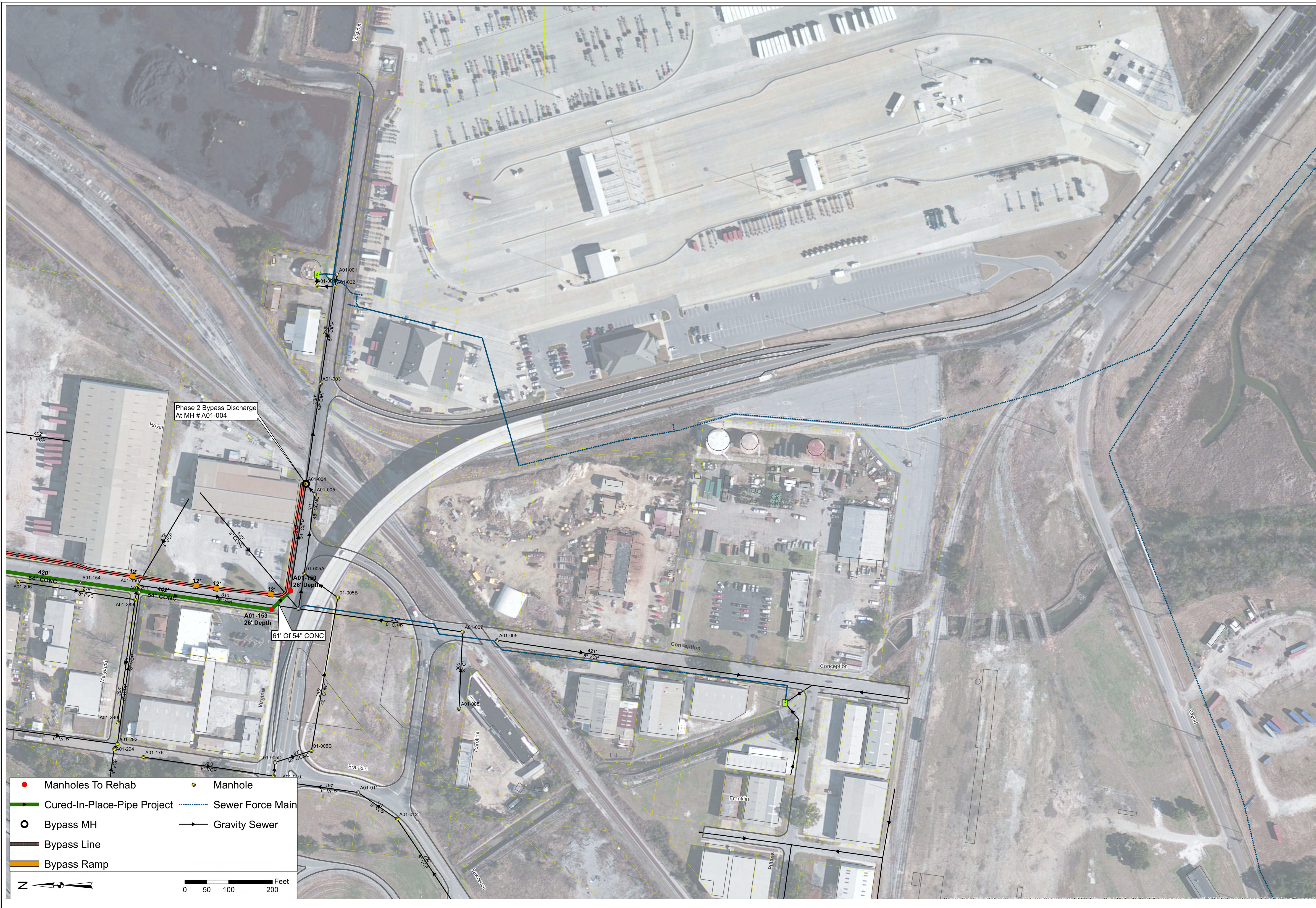
NO. DATE
DESIGNED BY: TCG

REVISION
DRAWN BY: RAM

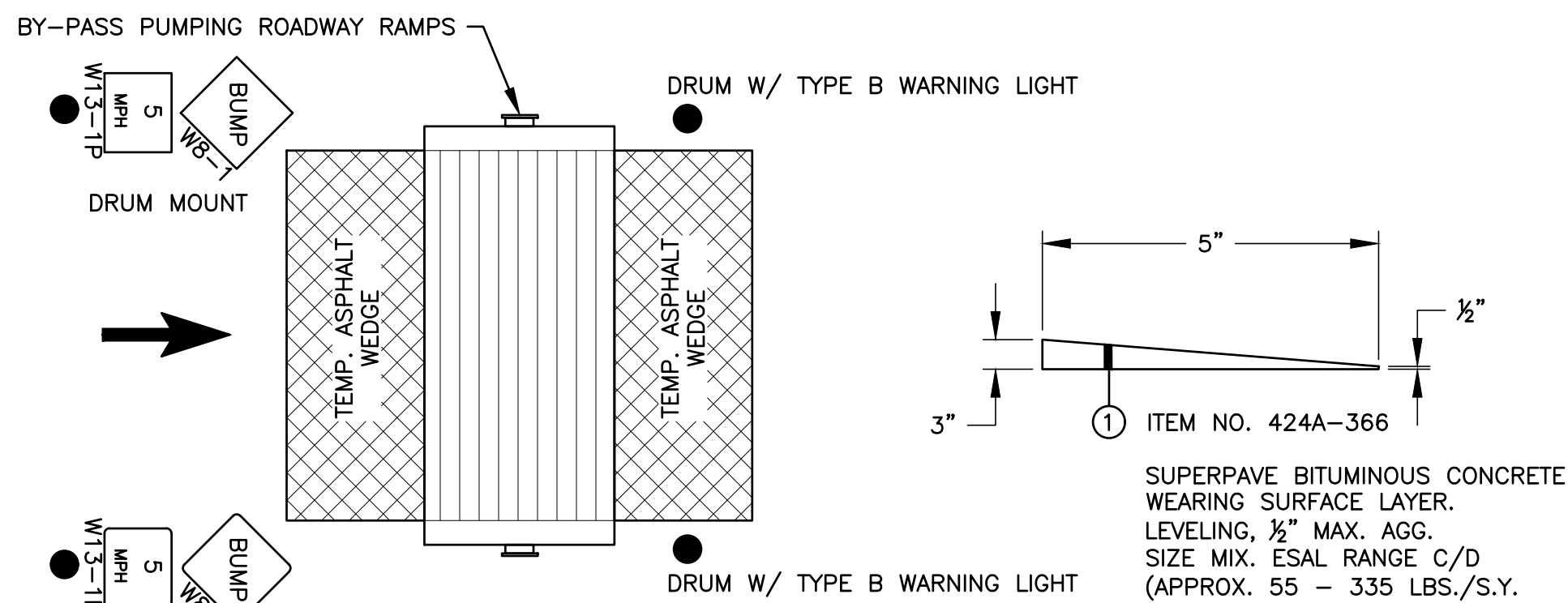
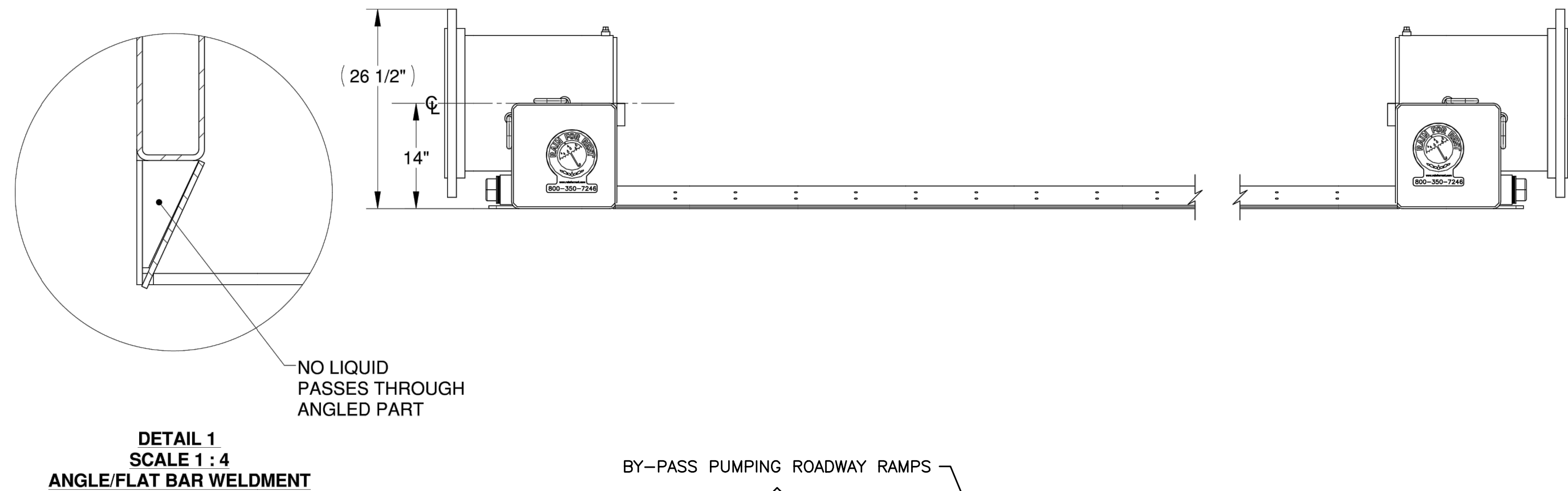
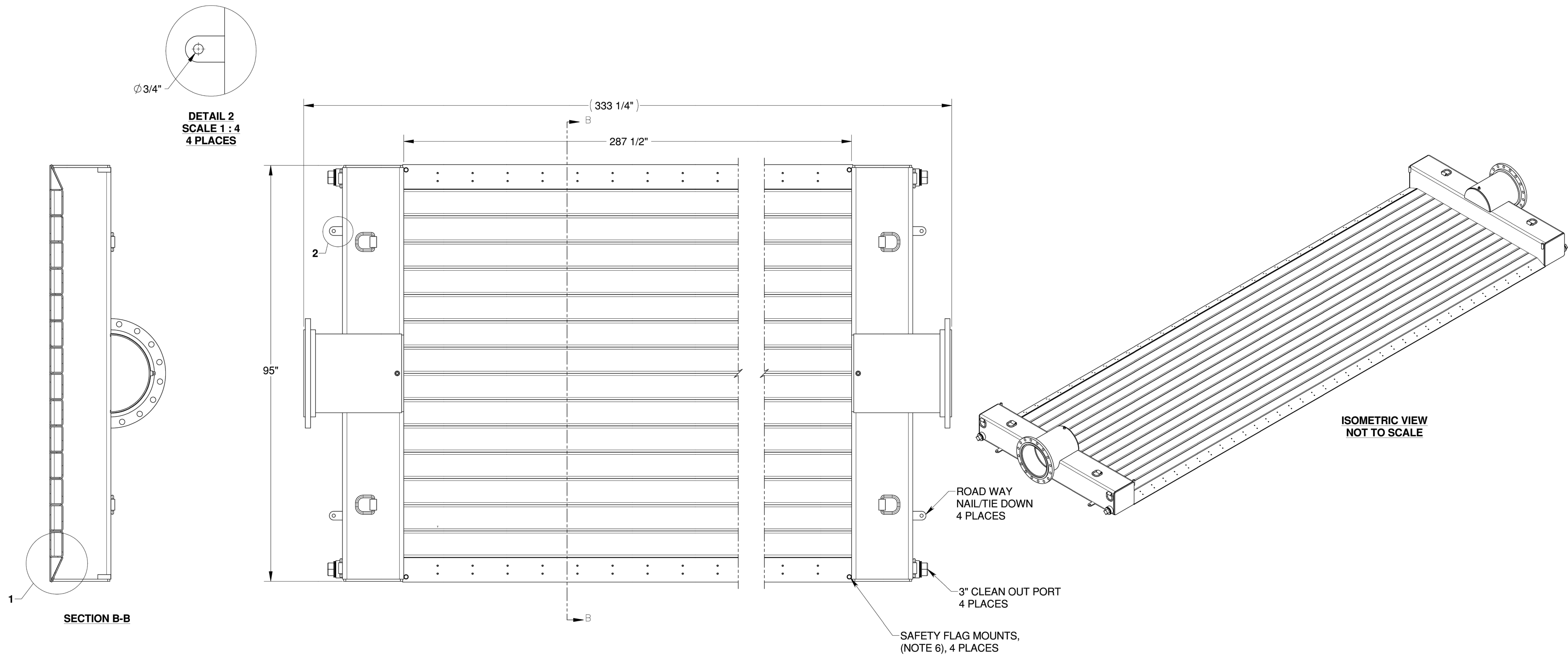
CHECKED BY: PK

APPROVED BY: JS

60-B SPRINGDALE BLVD.
MOBILE, AL 36606
PH. 251-479-0808

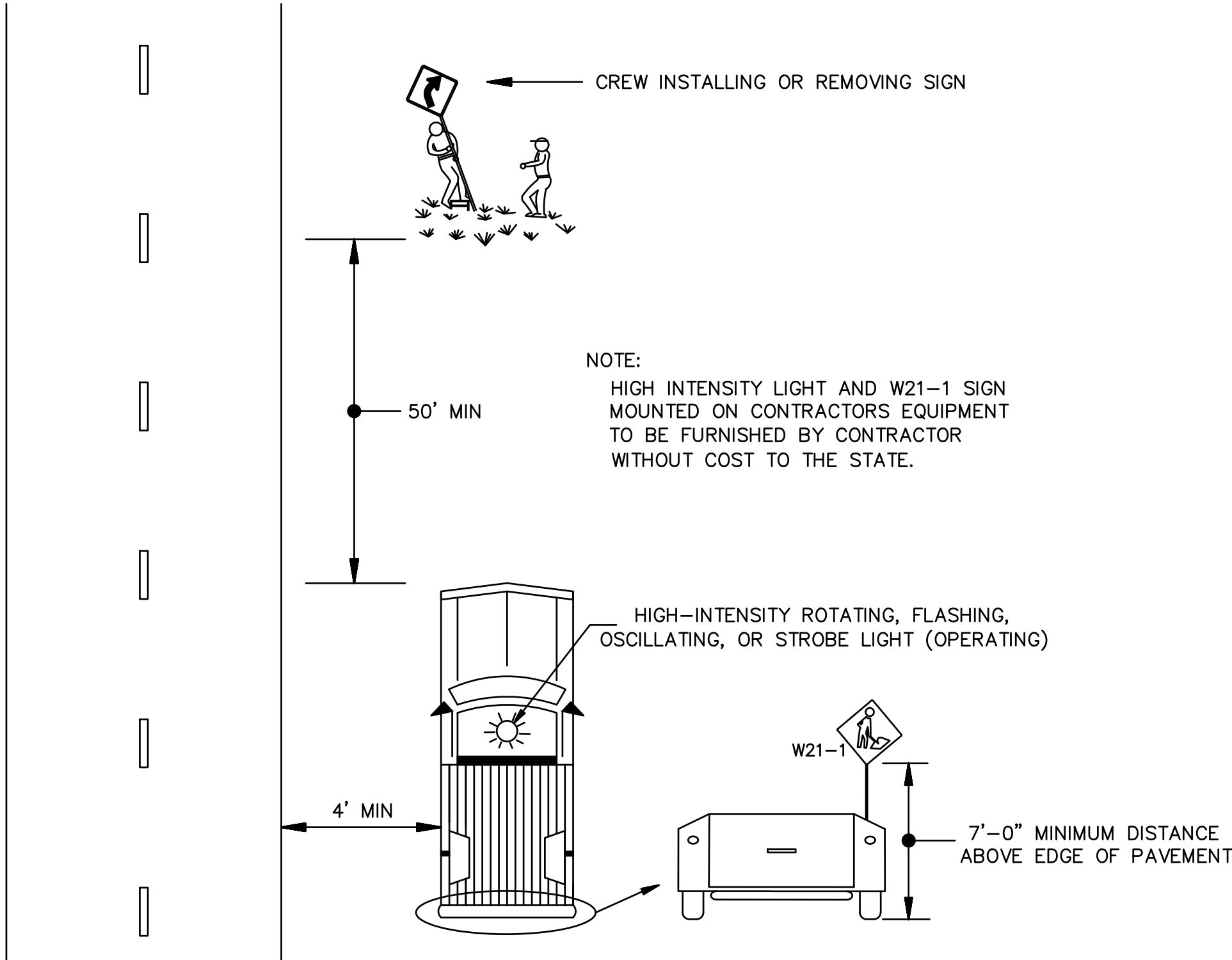
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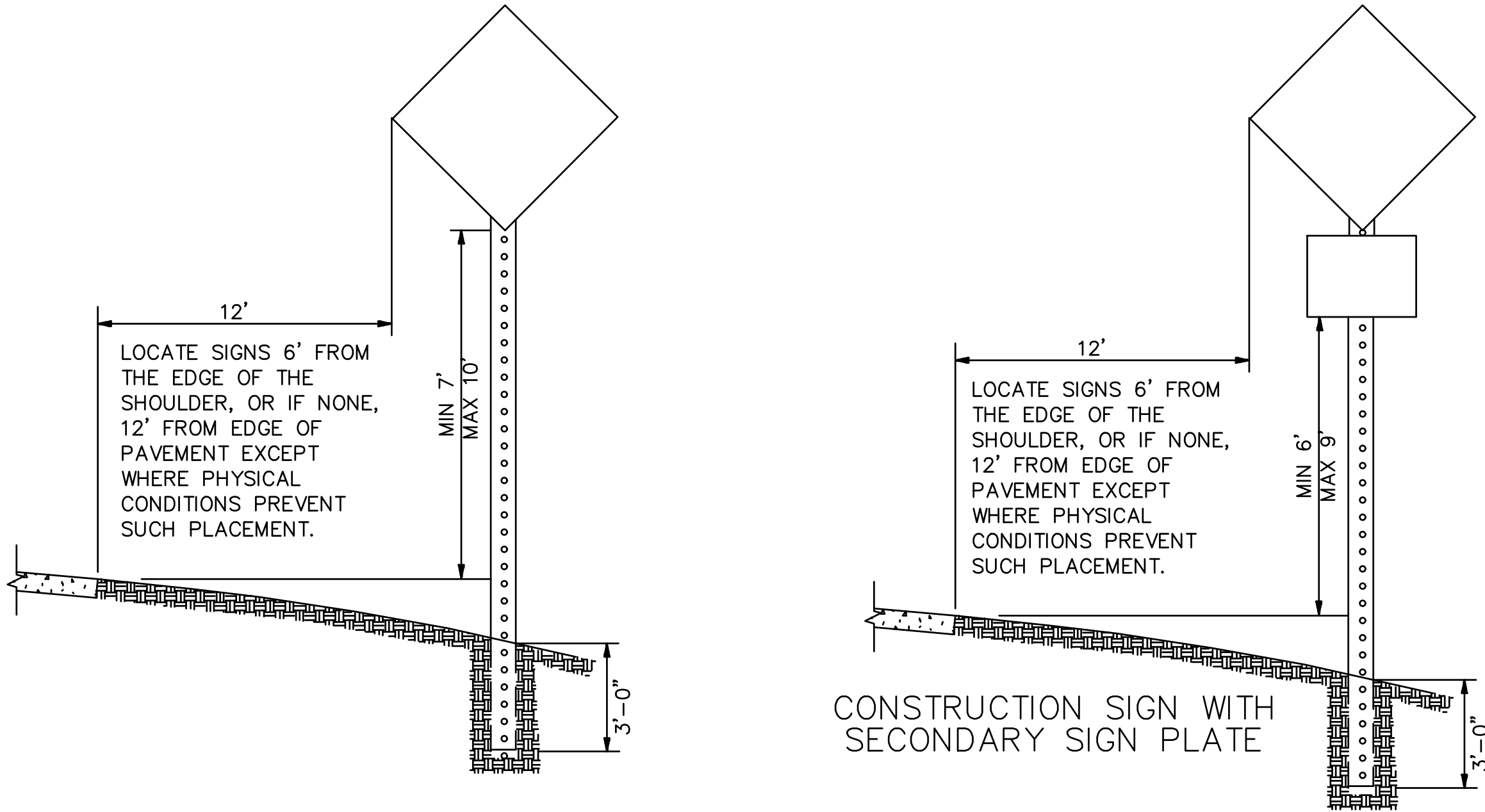


- NOTE:
1. GALVANIZED IN ACCORDANCE WITH ASTM A 384 & A 385 STANDARDS.
 2. WORKING PRESSURE 65-PSI MAX.
 3. MOUNTING POINTS FOR STANDARD SAFETY WARNING FLAGS, (GRAINGER ITEM #4A415, 18" X 18" RED/ORANGE WITH 3/4" DIAMETER DOWEL OR EQUIVALENT), (SUPPLIED WITH ROAD CROSSING)
 4. STAMP APPROXIMATE WEIGHT -7,200LBS. EMPTY.

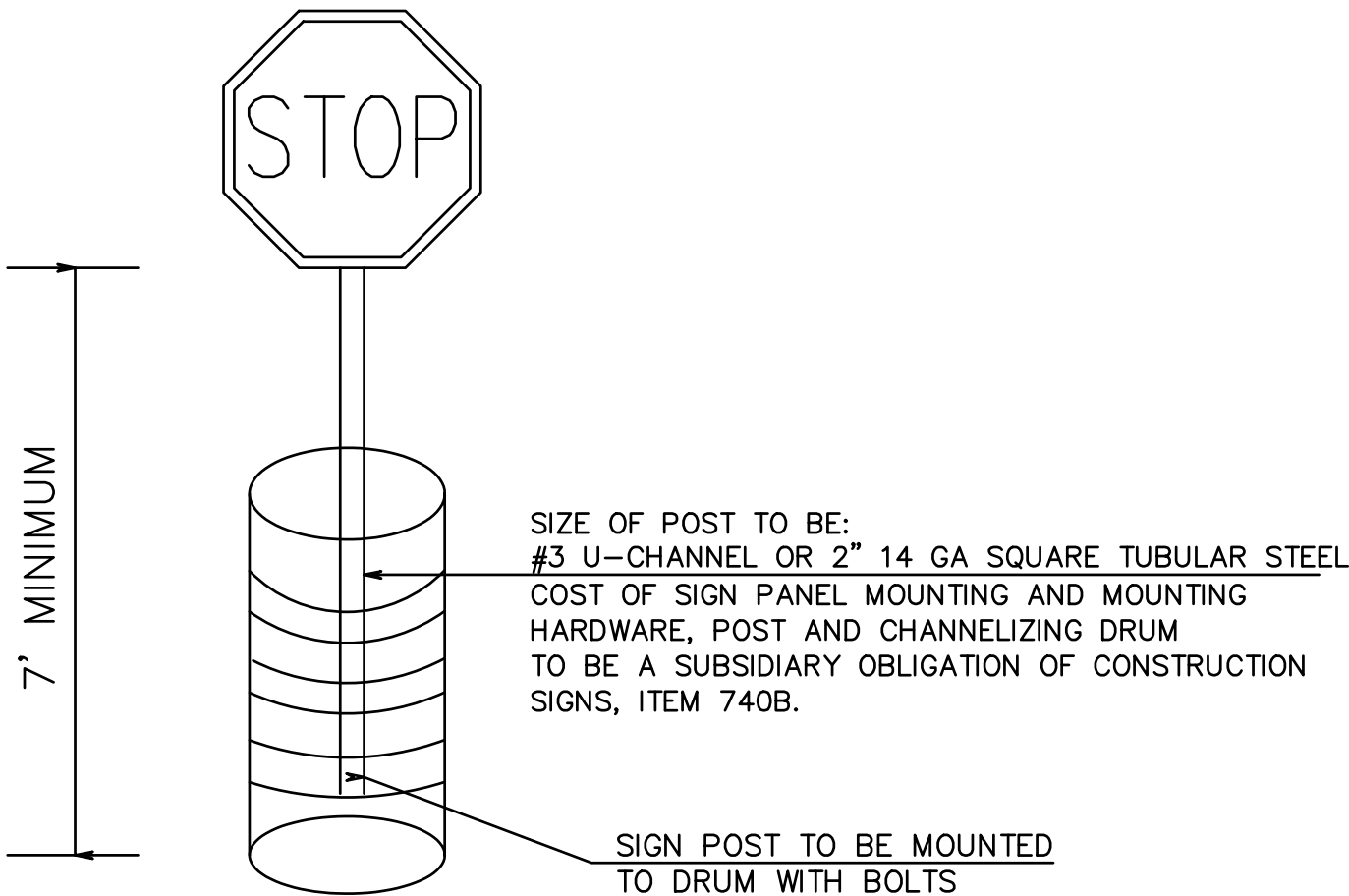
CONSTRUCTION DETAILS		CONCEPTION STREET 48" AND 54" GRAVITY SEWER CIPP AND MANHOLE LINING PROJECT	
MAWSS MOBILE AREA WATER & SEWER SYSTEM		Constantine Engineering 60-B SPRINGDALE BLVD. MOBILE, AL 36606 PH. 251-479-0808	
FILE	SEE LEFT	DATE	March 2016
VERIFY SCALE	BAR IS ONE INCH ON ORIGINAL DRAWING	PROJ.	100316.21
DWG.	CD-1	DESIGNED BY:	TCG
		DRAWN BY:	RAM
		CHECKED BY:	PK
		APPROVED BY:	JS
		BY:	APVD



TYPICAL METHOD FOR INSTALLING OR REMOVING CONSTRUCTION SIGNS

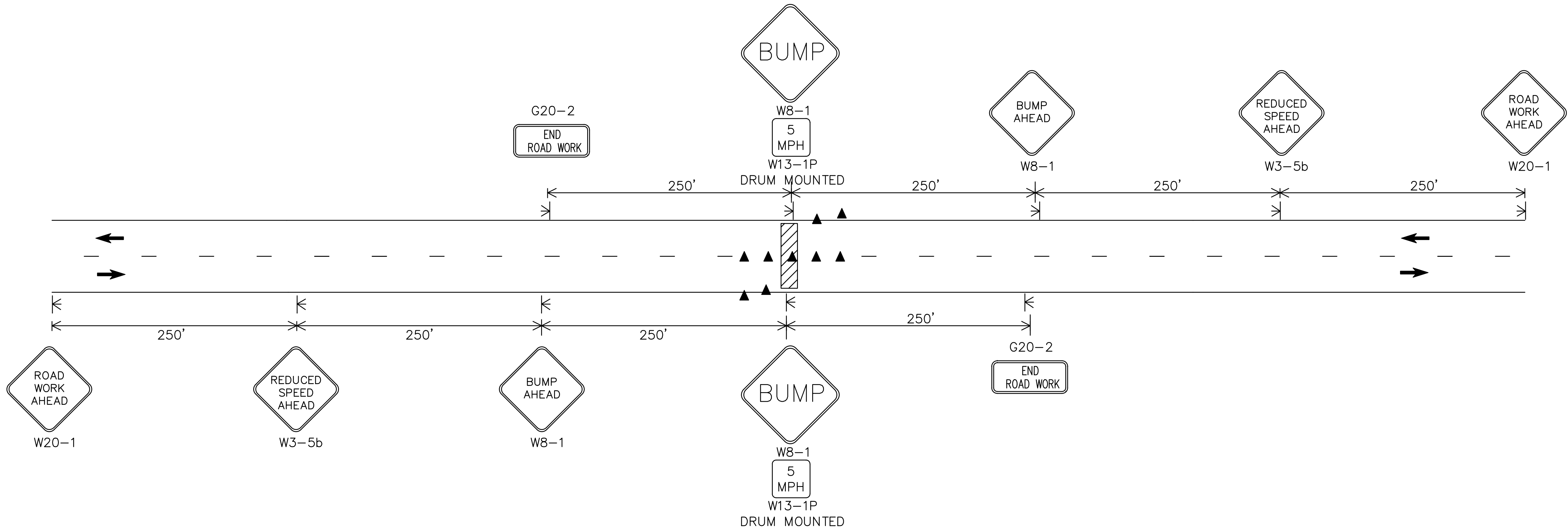


HEIGHT AND LATERAL LOCATION OF POST MOUNTED CONSTRUCTION SIGNS

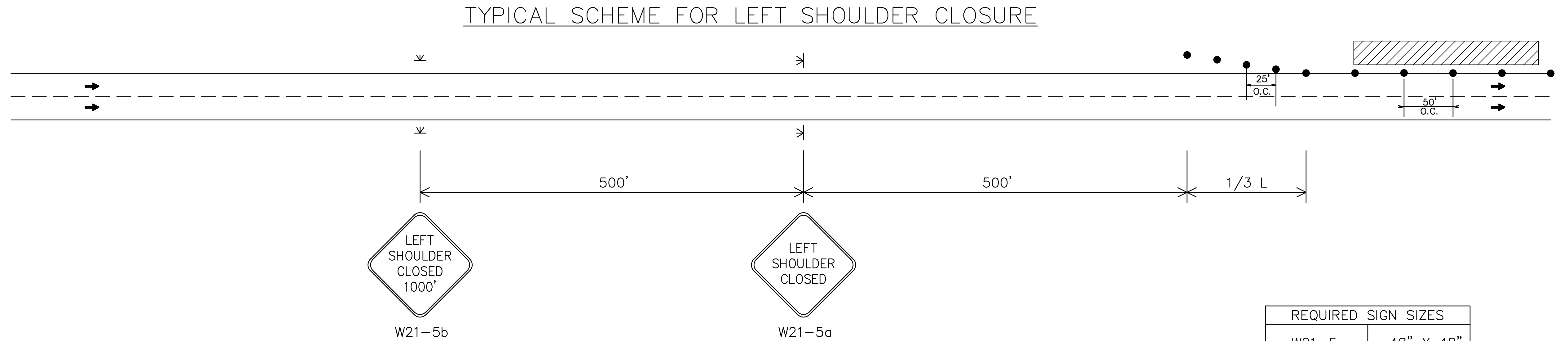


DETAIL FOR DRUM MOUNTED CONSTRUCTION SIGNS

Z:\PROJECT FILES\100316.21 MAWSS CONCEPTION ST. 48 AND 54 INCH CIPP SEWER LINING\300 DESIGN\355 PRELIMINARY DRAWINGS\CONCEPTION ST. BASE.DWG
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TYPICAL TRAFFIC CONTROL FOR PIPE ROADWAY RAMP





GENERAL NOTE

1. ALL SIGNS SHALL BE TEMPORARY MOUNTED AS SHOWN, UNLESS THE WORK PERIOD EXCEEDS FOUR (4) DAYS. IN SUCH CASES, THE SIGNS SHALL BE POST MOUNTED.

REQUIRED SIGN SIZES	
W21-5a	48" X 48"
W21-5b	48" X 48"

STANDARD DETAILS FOR
TRAFFIC CONTROL PLAN

CONCEPTION STREET 48" AND 54" GRAVITY
SEWER CIPP AND MANHOLE LINING PROJECT

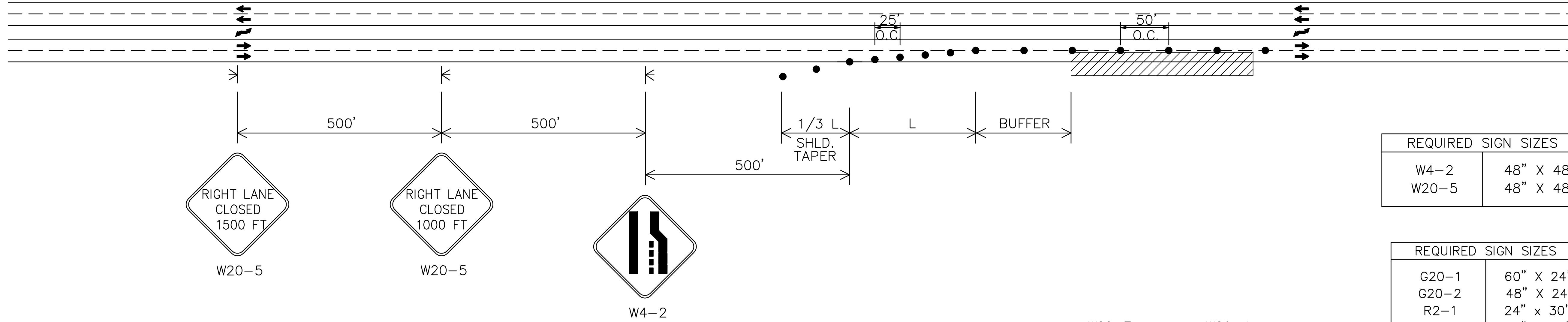


60-B SPRINGDALE BLVD.
MOBILE, AL 36606
PH. 251-479-0808

FILE	SEE LEFT
VERIFY SCALE	
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DATE	March 2016
PROJ.	100316.21
DWG.	TC-2

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TYPICAL SCHEME FOR OUTSIDE LANE CLOSURE

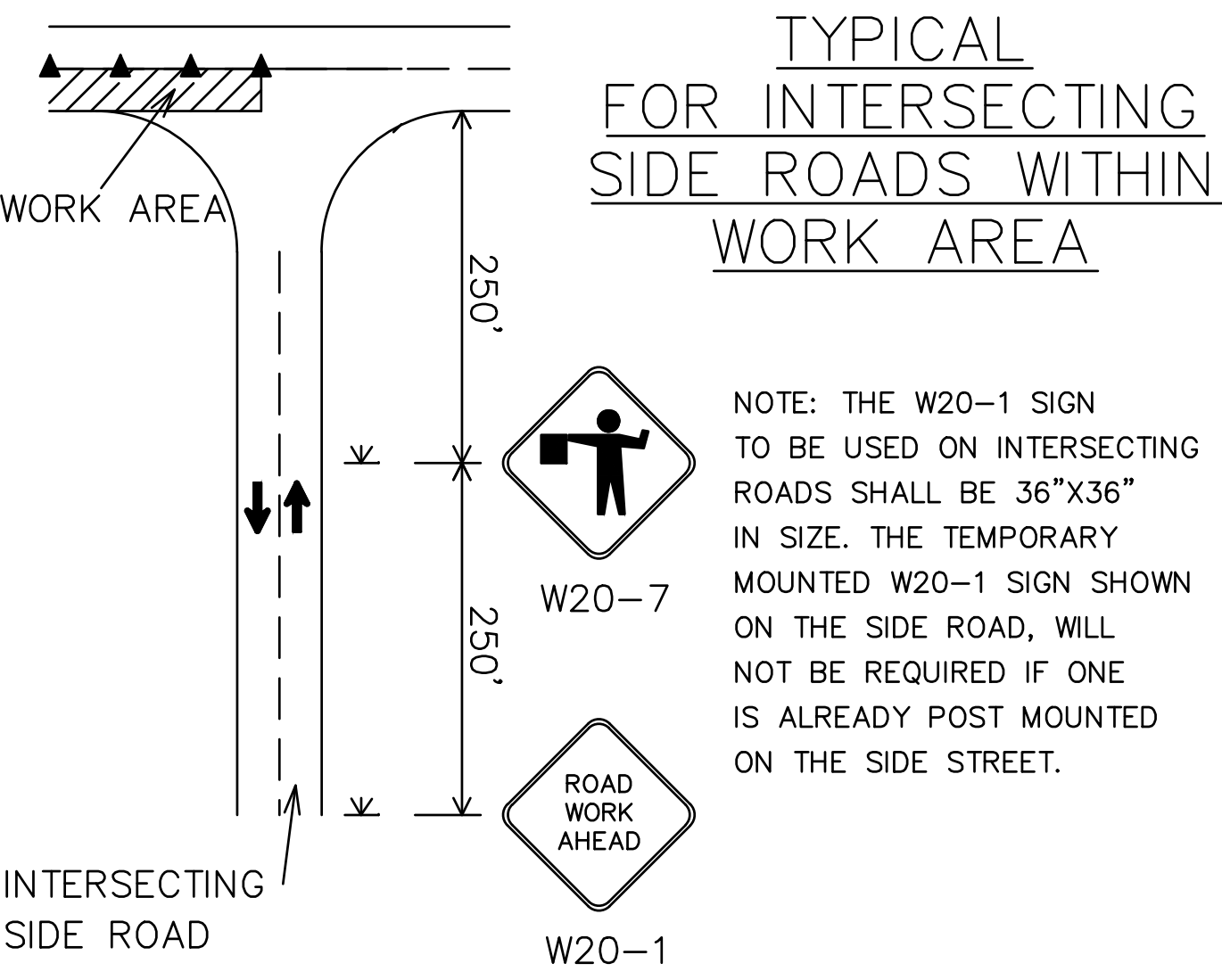


REQUIRED SIGN SIZES	
W4-2	48" X 48"
W20-5	48" X 48"

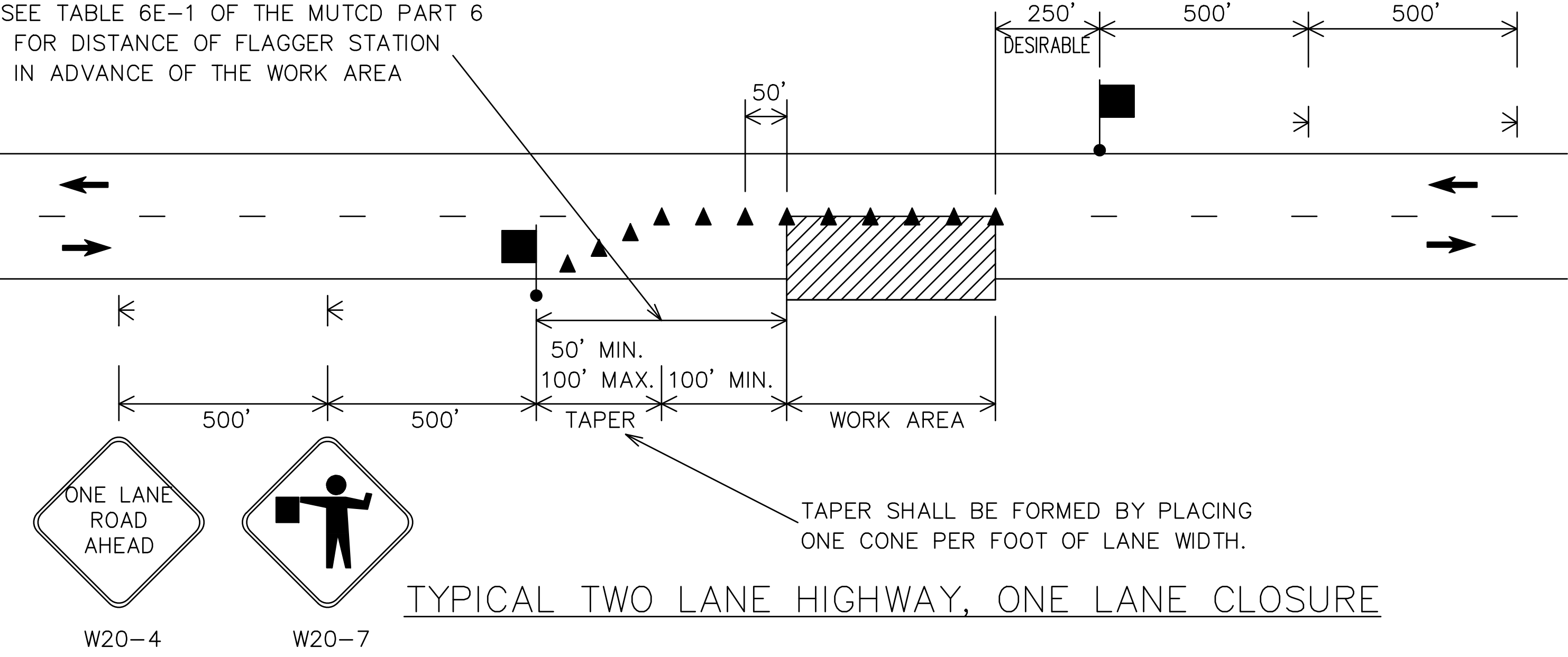
REQUIRED SIGN SIZES	
G20-1	60" X 24"
G20-2	48" X 24"
R2-1	24" X 30"
W3-5b	48" X 48"
R16-3	48" X 60"
R16-3a	48" X 48"
W20-1	48" X 48"
W20-4	48" X 48"
W20-7	48" X 48"

LEGEND

- TEMPORARY MOUNTED SIGN
- POST MOUNTED SIGN
- CONES
- FLAGGER
- WORK AREA



NOTE: THE W20-1 SIGN TO BE USED ON INTERSECTING ROADS SHALL BE 36"X36" IN SIZE. THE TEMPORARY MOUNTED W20-1 SIGN SHOWN ON THE SIDE ROAD, WILL NOT BE REQUIRED IF ONE IS ALREADY POST MOUNTED ON THE SIDE STREET.



TAPER SHALL BE FORMED BY PLACING ONE CONE PER FOOT OF LANE WIDTH.

STANDARD DETAILS FOR TRAFFIC CONTROL PLAN

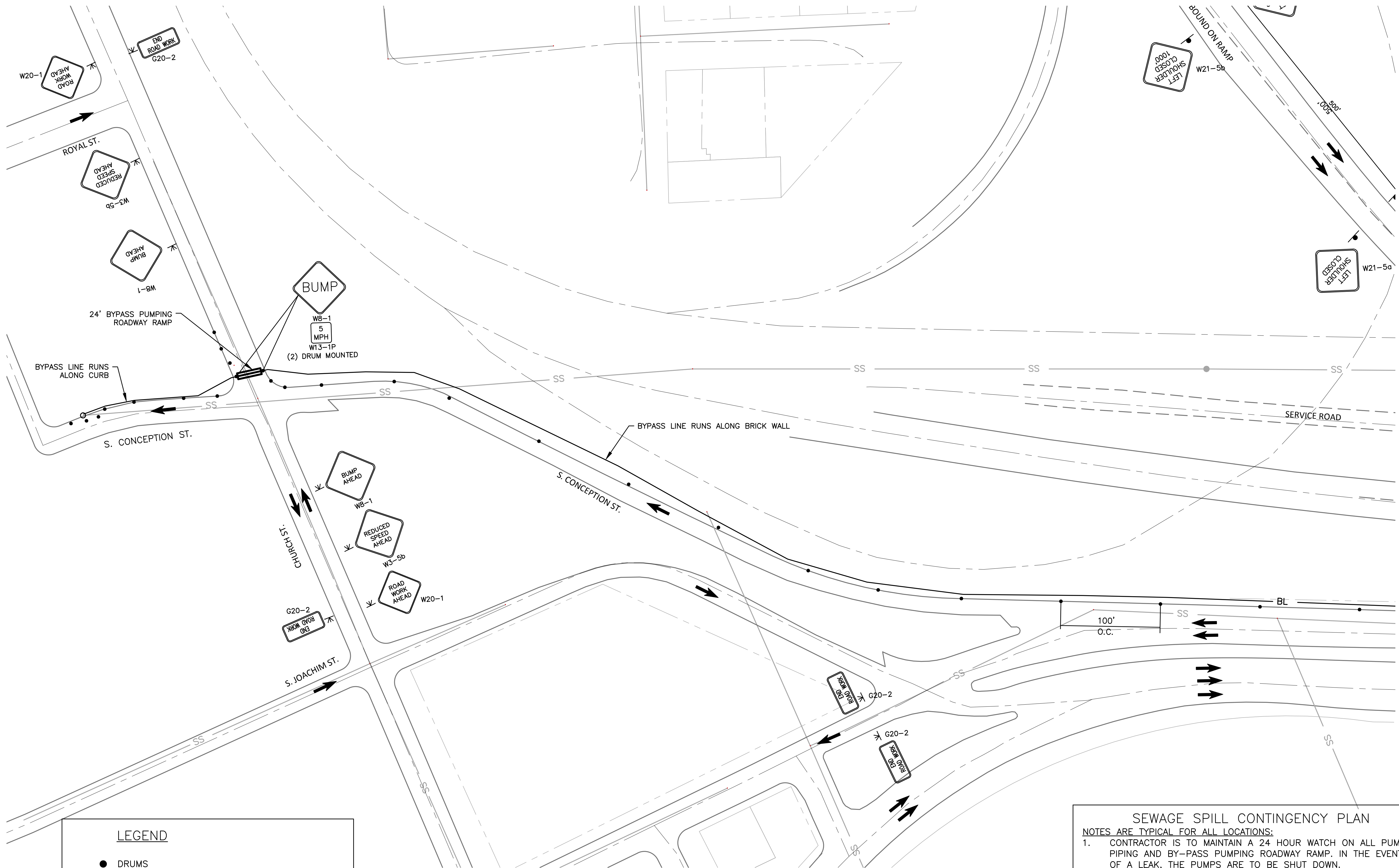
CONCEPTION STREET 48" AND 54" GRAVITY SEWER CIPP AND MANHOLE LINING PROJECT



60-B SPRINGDALE BLVD.
MOBILE, AL 36606
PH. 251-479-0808

FILE	SEE LEFT
VERIFY SCALE	
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DATE	March 2016
PROJ.	100316.21
DWG.	TC-3

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LEGEND

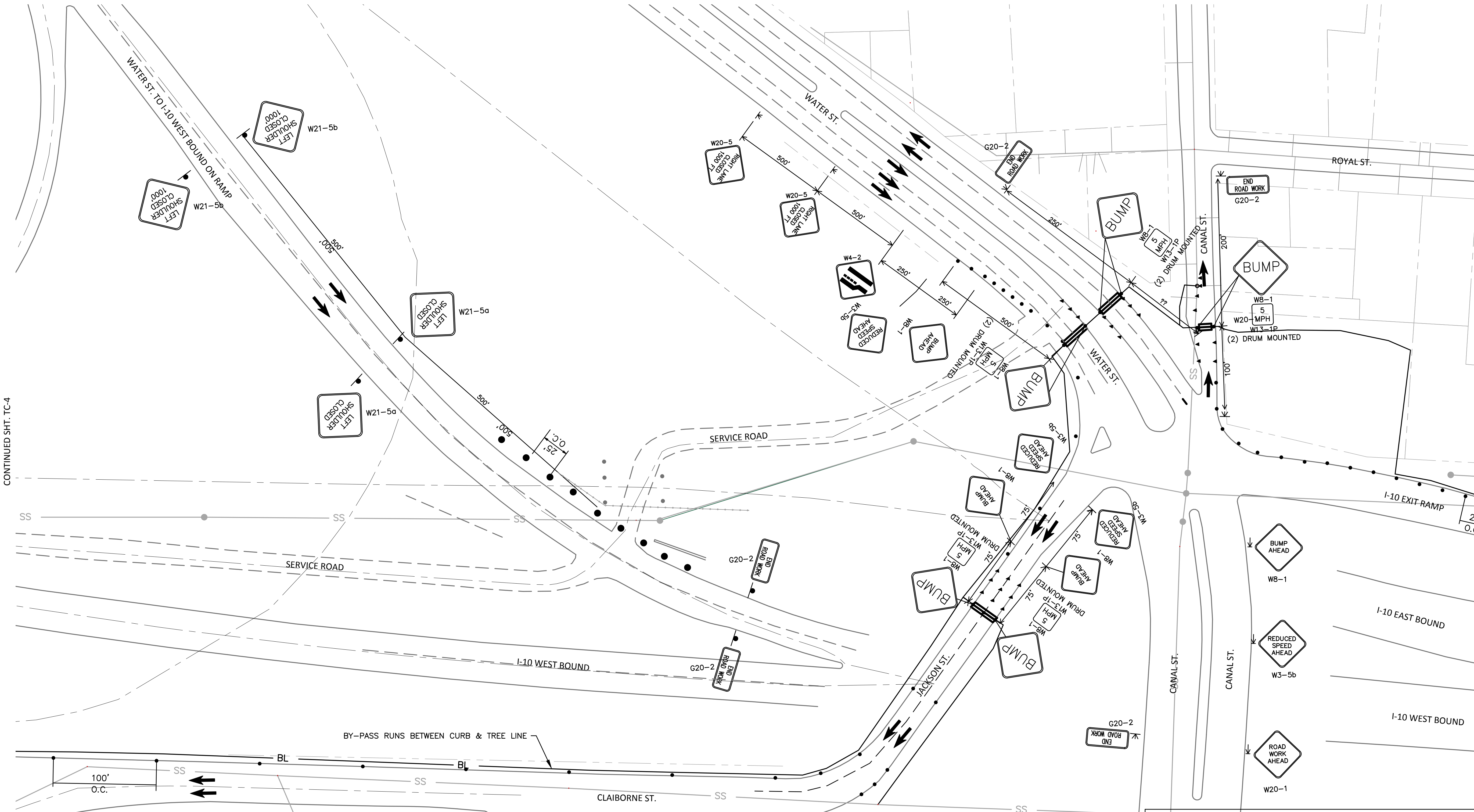
- DRUMS
- ➔ DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- ▶ POST SIGN MOUNT
- ✱ TEMP SIGN MOUNT
- □ □ PORTABLE SAFETY BARRIERS (TRITON BARRIER)
- ▬ BY-PASS PUMPING ROADWAY RAMPS.

PLAN
SCALE: 1" = 50'
0 50 100
GRAPHIC SCALE

SEWAGE SPILL CONTINGENCY PLAN
NOTES ARE TYPICAL FOR ALL LOCATIONS:

1. CONTRACTOR IS TO MAINTAIN A 24 HOUR WATCH ON ALL PUMPS, PIPING AND BY-PASS PUMPING ROADWAY RAMP. IN THE EVENT OF A LEAK, THE PUMPS ARE TO BE SHUT DOWN.
2. CONTRACTOR IS TO MAINTAIN A SEWER VACUUM TRUCK ON SITE AT ALL TIMES.
3. MAWSS IS TO HAVE ADDITIONAL SEWER VACUUM TRUCK ON STAND-BY FOR IMMEDIATE RESPONSE.
4. IN THE EVENT OF A LEAK, STORM INLETS ARE TO BE SEALED OFF WITH SAND BAGS AND PLASTIC TO PREVENT ANY SEWAGE FROM ENTERING STORM DRAIN SYSTEM.
5. SAND BAGS AND PLASTIC ARE TO BE MAINTAINED BEHIND INLETS FOR IMMEDIATE RESPONSE.

TRAFFIC CONTROL PLAN		CONCEPTION STREET 48" AND 54" GRAVITY SEWER CIPP AND MANHOLE LINING PROJECT	
MAWSS MOBILE AREA WATER & SEWER SYSTEM		Constantine Engineering 60-B SPRINGDALE BLVD. MOBILE, AL 36606 PH. 251-479-0808	
FILE	SEE LEFT	VERIFY SCALE	BAR IS ONE INCH ON ORIGINAL DRAWING
DATE	March 2016	DESIGNED BY:	TCG
PROJ.	100316.21	DRAWN BY:	RAM
DWG.	TC-4	CHECKED BY:	PK
		BY:	APVD
		APPROVED BY:	JS



LEGEND

- DRUMS
- ➔ DIRECTION OF TRAFFIC
- |— TYPE III BARRICADE
- ▶ POST SIGN MOUNT
- ✚ TEMP SIGN MOUNT
- PORTABLE SAFETY BARRIERS (TRITON BARRIER)
- ▬▬▬ BY-PASS PUMPING ROADWAY RAMPS.

PLAN

SCALE: 1" = 50'

GRAPHIC SCALE



SEWAGE SPILL CONTINGENCY PLAN

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TRAFFIC CONTROL PLAN

CONCEPTION STREET 48" AND 54" GRAVITY
SEWER CIPP AND MANHOLE LINING PROJECT



60-B SPRINGDALE BLVD.
MOBILE, AL 36606
PH. 251-479-0808

FILE	SEE LEFT
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VERIFY SCALE

BAR IS ONE INCH ON
ORIGINAL DRAWING

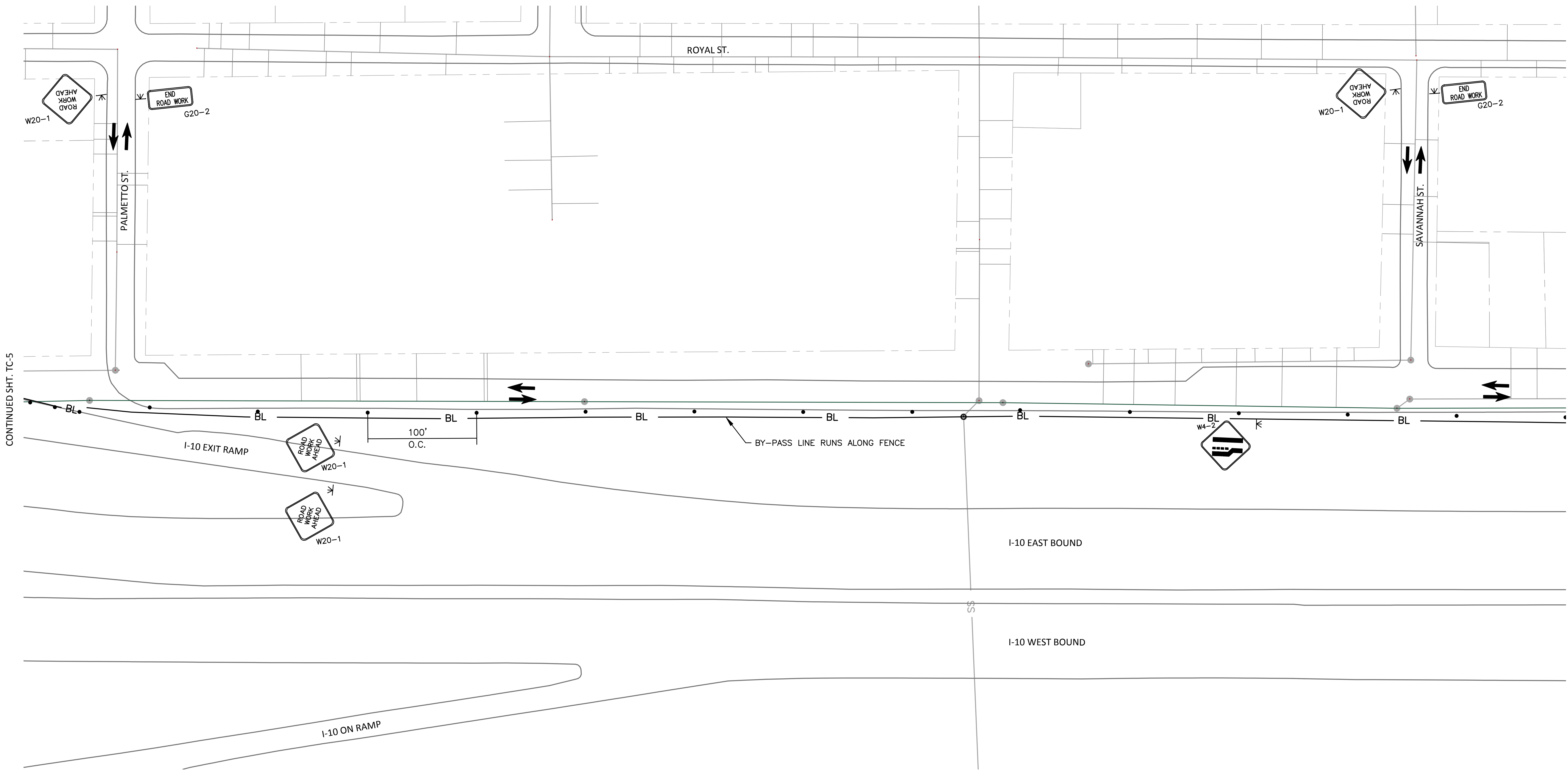
DATE March 2016

PROJ. 100316.21

DWG. TC 5

TC-5

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LEGEND

●

DRUMS

➔

DIRECTION OF TRAFFIC

⊥

TYPE III BARRICADE

▶

POST SIGN MOUNT

✂

TEMP SIGN MOUNT

▤

PORTABLE SAFETY BARRIERS (TRITON BARRIER)

▬▬

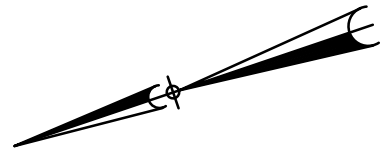
BY-PASS PUMPING ROADWAY RAMPS.

PLAN

SCALE: 1" = 50'

0 50 100

GRAPHIC SCALE



SEWAGE SPILL CONTINGENCY PLAN

NOTES ARE TYPICAL FOR ALL LOCATIONS:

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CONTRACTOR IS TO MAINTAIN A 24 HOUR WATCH ON ALL PUMPS, PIPING AND BY-PASS PUMPING ROADWAY RAMP. IN THE EVENT OF A LEAK, THE PUMPS ARE TO BE SHUT DOWN.

2.

CONTRACTOR IS TO MAINTAIN A SEWER VACUUM TRUCK ON SITE AT ALL TIMES.

3.

4.

5.

TRAFFIC CONTROL PLAN

CONCEPTION STREET 48" AND 54" GRAVITY SEWER CIPP AND MANHOLE LINING PROJECT

MAWSS

MOBILE AREA WATER & SEWER SYSTEM

Constantine

Engineering

60-B SPRINGDALE BLVD.
MOBILE, AL 36606
PH. 251-479-0808

FILE

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VERIFY SCALE

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DATE

March 2016

PROJ.

100316.21

DWG.

TC-6

NO.

DATE

DESIGNED BY:

TCG

REVISION

DRAWN BY:

RAM

CHECKED BY:

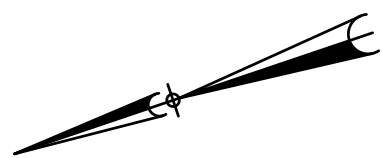
PK

APPROVED BY:

JS



- DRUMS
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- ▶ POST SIGN MOUNT
- ✂ TEMP SIGN MOUNT
- □ PORTABLE SAFETY BARRIERS (TRITON BARRIER)
- ≡ BY-PASS PUMPING ROADWAY RAMPS.



- # SEWAGE SPILL CONTINGENCY PLAN

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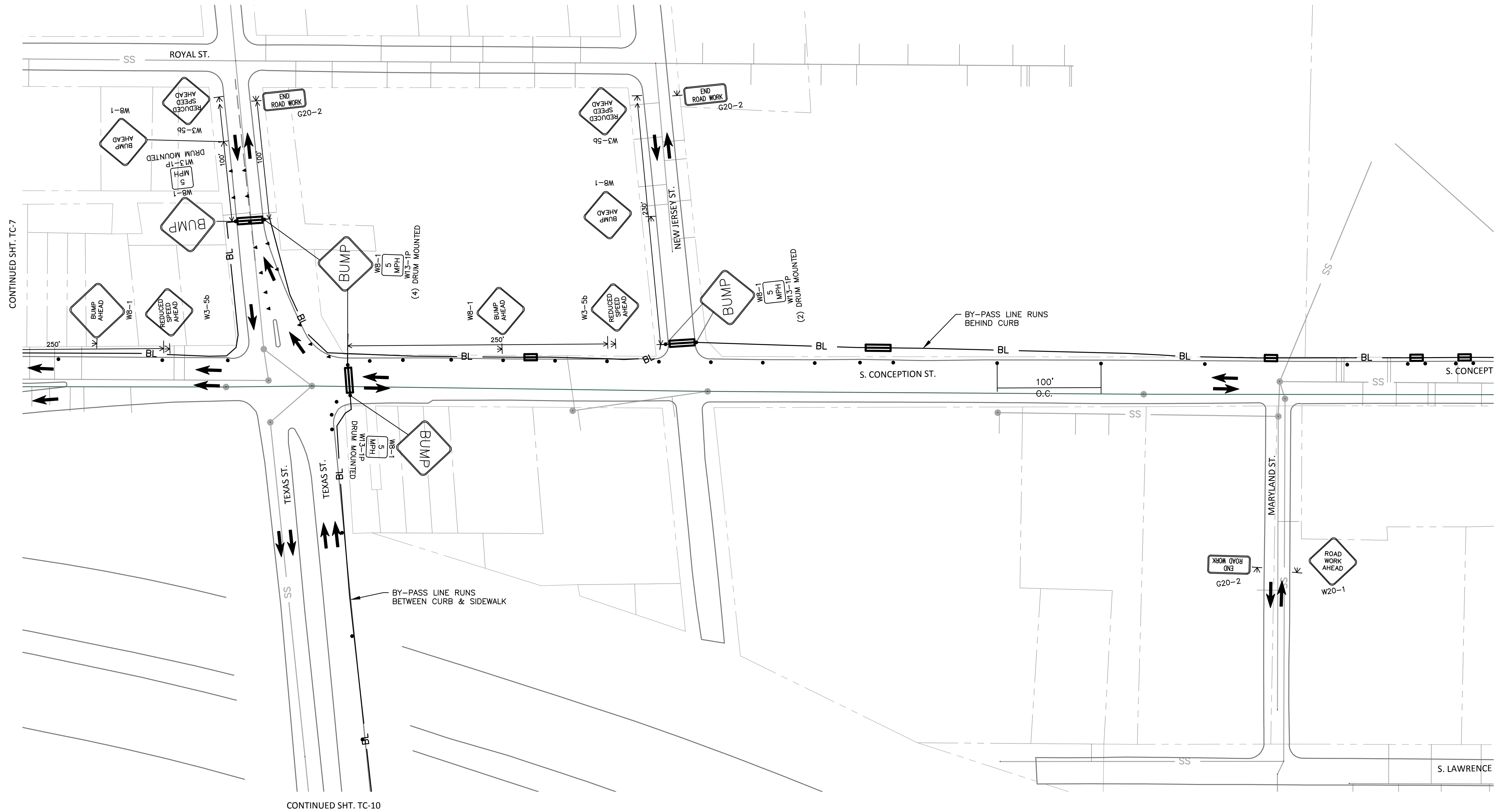
TRAFFIC CONTROL PLAN

CONCEPTION STREET 48" AND 54" GRAVITY
SEWER CIPP AND MANHOLE LINING PROJECT



360-B SPRINGDALE BLVD.
MOBILE, AL 36606
PH. 251-479-0808


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DATE	March 2016
PROJ.	100316.21
DWG.	TC-7



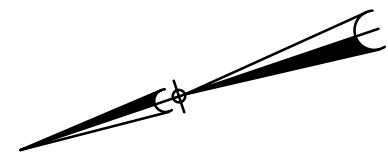
PLAN

SCALE: 1" = 50'

0 50 100



GRAPHIC SCALE



TRAFFIC CONTROL PLAN

**CONCEPTION STREET 48" AND 54" GRAVITY
SEWER CIPP AND MANHOLE LINING PROJECT**



60-B SPRINGDALE BLVD.
MOBILE, AL 36606
PH. 251-479-0808

FILE	SEE LEFT
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VERIFY SCALE

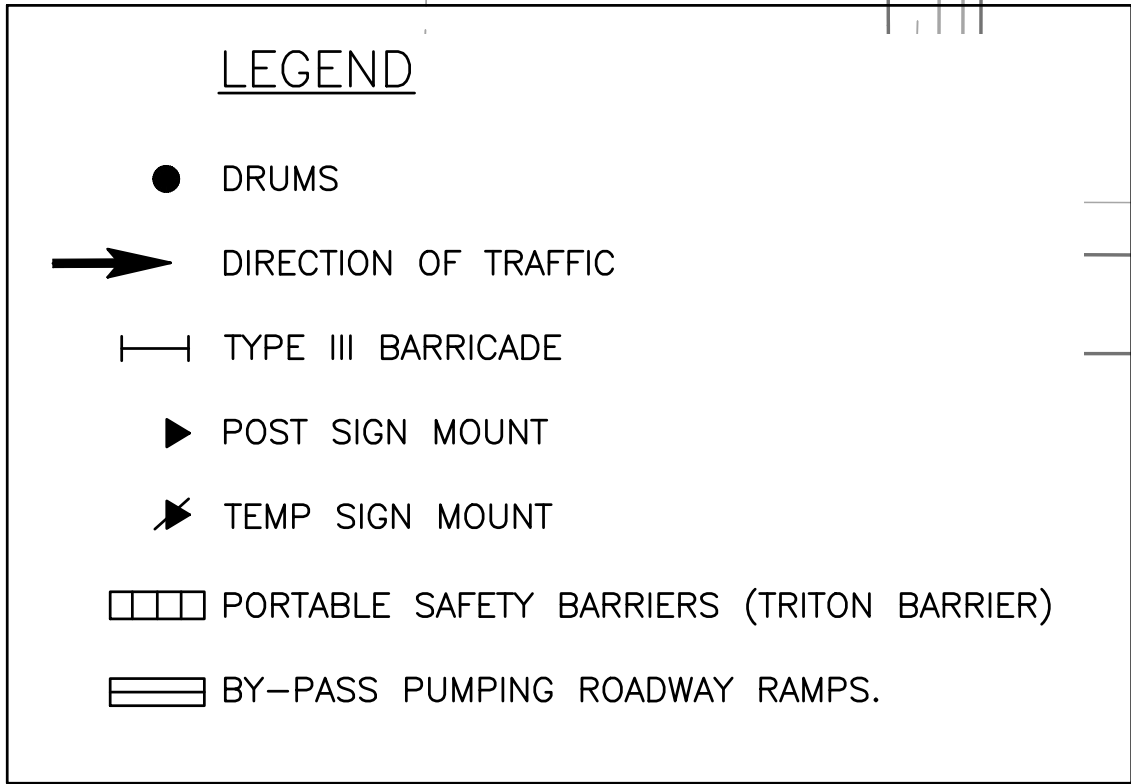
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ORIGINAL DRAWING

DATE	March 2016
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PROJ.	100316.21
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DWG.

TC-8



- ## SEWAGE SPILL CONTINGENCY PLAN
- NOTES ARE TYPICAL FOR ALL LOCATIONS:
1. CONTRACTOR IS TO MAINTAIN A 24 HOUR WATCH ON ALL PUMPS, PIPING AND BY-PASS PUMPING ROADWAY RAMP. IN THE EVENT OF A LEAK, THE PUMPS ARE TO BE SHUT DOWN.
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LEGEND

DRUMS

DIRECTION OF TRAFFIC

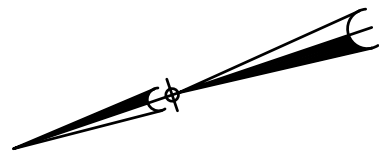
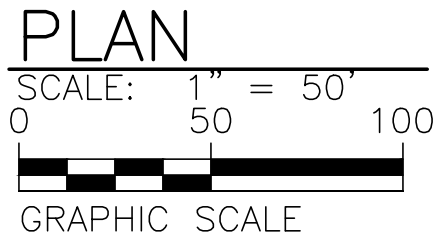
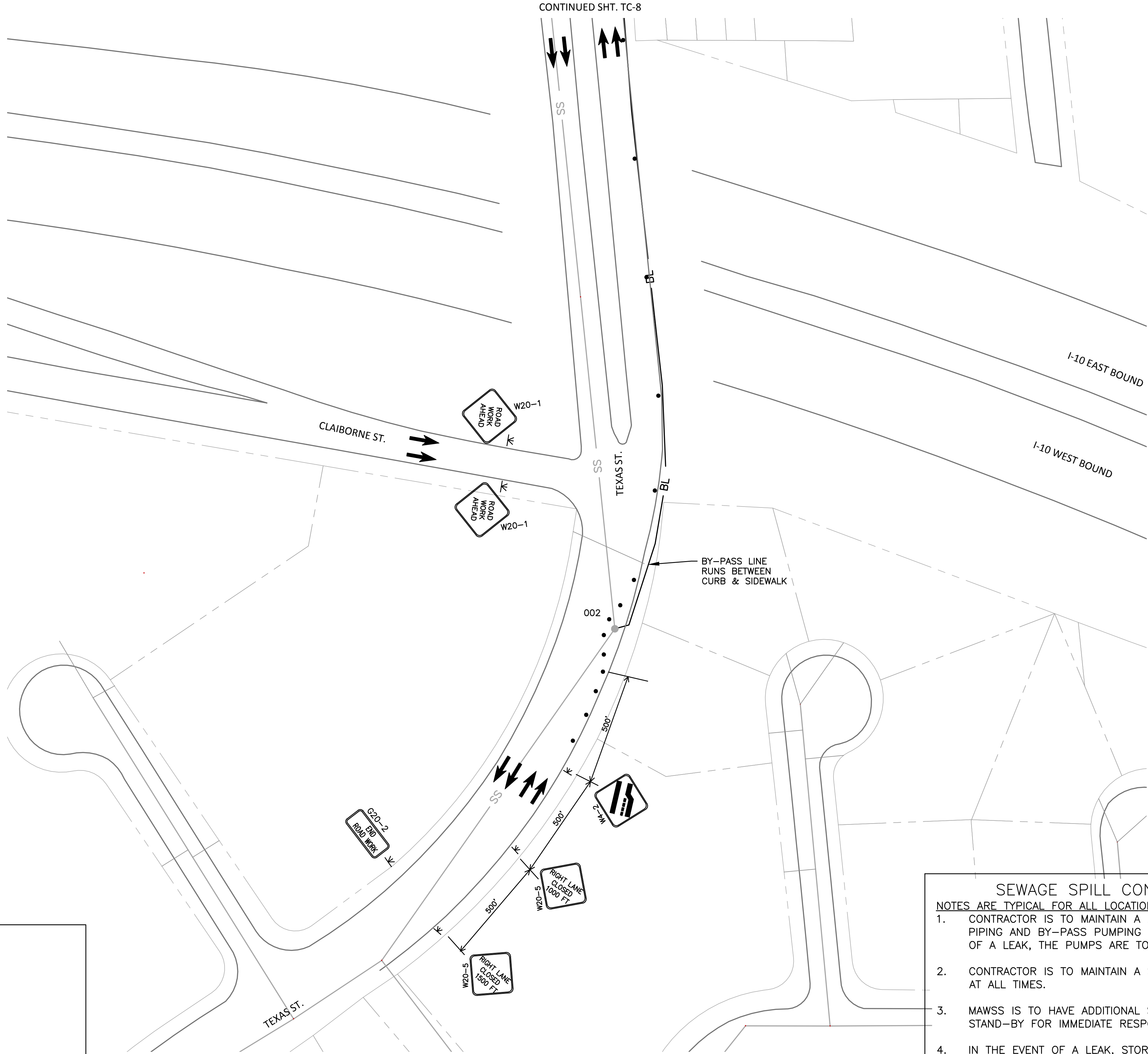
TYPE III BARRICADE

POST SIGN MOUNT

TEMP SIGN MOUNT

PORTABLE SAFETY BARRIERS (TRITON BARRIER)

BY-PASS PUMPING ROADWAY RAMPS.



- SEWAGE SPILL CONTINGENCY PLAN
- NOTES ARE TYPICAL FOR ALL LOCATIONS:
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TRAFFIC CONTROL PLAN

CONCEPTION STREET 48" AND 54" GRAVITY SEWER CIPP AND MANHOLE LINING PROJECT

MAWSS

MOBILE AREA WATER & SEWER SYSTEM

Constantine

Engineering

60-B SPRINGDALE BLVD.
MOBILE, AL 36606
PH. 251-479-0808

FILE

SEE LEFT

VERIFY SCALE

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DATE

March 2016

PROJ.

100316.21

DWG.

TC-10

NO.

DATE

DESIGNED BY:

TCG

BY

REVISION

DRAWN BY:

RAM

APPROVED BY:

PK

BY

APVD

APPROVED BY:

JS