

AMENDMENT NO. 1**ISSUE DATE: May 18, 2018**

This Addendum shall become and form a part of the RFP for:

**RFP-484-04202018DB-[A]: FY 18 Bridge Replacement Project
P.I. No. 0015912**

Note: please review carefully!

In the event of a conflict between previously released information and the information contained herein, the latter shall control.

NOTE: A signed acknowledgment of this Amendment No. 1 (this page) MUST be attached to your STATEMENT OF QUALIFICATIONS. This signed acknowledgment does not count toward the page limit of the submittal.

Firm Name _____

Signature _____ Date _____

Typed Name and Title _____

Georgia Department of Transportation (GDOT)
 Attention: Rick Merritt
 Innovative Delivery/ P3
 One Georgia Center, 19th Floor
 600 West Peachtree Street, NW
 Atlanta, Georgia 30308

This Amendment, including all articles and corrections listed below, shall become and form a part of the original RFQ package and shall be taken into account in preparing your proposal.

The purpose of this amendment is to provide RFP section corrections:1. Invitation to Proposers Form I is hereby modified with the following:

For "DBE Goal", delete the following:

6.0% of the overall Project design and construction costs, with respect to the race conscious participation by the Design-Build Team.

and replace with the following:

2.0% of the overall Project design and construction costs, with respect to the race conscious participation by the Design-Build Team.

2. Volume 1 Article 10.9.2.1 is hereby modified with the following:Delete Article 10.9.2.1 and replace with the following:

10.9.2.1 The DBE Project goal is two percent (2.0%) of the overall Project cost (including design, construction, professional services, management and administration) with respect to the race conscious participation by the DB Team. DB Team's DBE commitments list is attached as Exhibit 14.

3. Volume 2 Attachment 6-1 is hereby modified with the following:

Add the attached Walton County MOUs [Windstream, City of Lawrenceville Gas, Walton EMC]

4. Volume 3 Attachment 3-1 Manuals is hereby modified with the following:

Delete Attachment 3-1 Manuals and replace with the attached revised Attachment 3-1 Manuals.

END – AMENDMENT NO. 1

FORM I

DBE Certification

DISADVANTAGED BUSINESS ENTERPRISES REQUIREMENTS

The following Project goal for participation by DBEs is established for professional services and construction work:

DBE GOAL

62.0% of the overall Project design and construction costs, with respect to the race conscious participation by the Design-Build Team.

DBE Certification

By signing below, the Proposer certifies that (1) the Design-Build Team will provide a good faith effort to meet the goal; and (2) the Design-Build Team will direct its efforts toward the utilization of DBE firms in both design and construction components of the Project, (3) the Design-Build Team will submit a DBE Commitments List meeting the requirements set forth in Attachment 6 to Exhibit 8 to the DB Agreement, (4) the Design-Build Team will submit monthly and annual summary reports of the DBE goal attainment on the Project, identifying the components of the Project on which DBE firms are/have been utilized See the following page of this form for the Commitments List requirements.

Failure to submit the DBE Commitments List will be considered a breach of the requirements of the RFP. As a result, the Proposal Bond provided by the Proposer will become property of GDOT and the Proposer will be precluded from participating in any re-procurement of the Agreement for the Project.

[name]

[title]

orders and task orders for Work), and shall require that they be included in all Contracts at lower tiers (including purchase orders and task orders for Work), so that such provisions will be binding upon each Contractor. The DB Team shall ensure that all contracts and subcontracts (including purchase orders and task orders for Work) with DBEs to supply labor or materials are required to be performed in accordance with 49 CFR Part 26.53.

10.9.2 DBE Participation Goals

10.9.2.1 The DBE Project goal is ~~six-two~~ percent (~~62.0~~%) of the overall Project cost (including design, construction, professional services, management and administration) with respect to the race conscious participation by the DB Team. DB Team's DBE commitments list is attached as Exhibit 14.

10.9.2.2 DB Team shall exercise good faith efforts to achieve such DBE participation goal for the Project.

10.9.2.3 DBE reporting shall meet all GDOT's DBE policy and program requirements except that reporting will be done yearly throughout the Term of the Agreement. Failure to meet the participation goal or any of the commitments made in Exhibit 14 in any year shall require a recovery plan. The recovery plan shall be submitted within thirty (30) Days from the yearly reporting describing why the participation goal was not achieved and why commitment(s) are not met. In addition, describe proposed actions to be taken in subsequent quarters to attain the participation goal and meet Exhibit 14 commitments. The recovery plan and proposed actions must be acceptable by GDOT.

10.9.3 Compliance with DBE Participation Goals

10.9.3.1 DB Team shall not terminate, and shall not allow a Contractor to terminate, a DBE Subcontractor listed in its Proposal (or an approved substitute DBE firm) without GDOT's prior written consent. This includes, but is not limited to, instances in which a Contractor seeks to perform work originally designated for a DBE Subcontractor with its own forces or those of an affiliate, a non-DBE firm, or with another DBE firm.

10.9.3.2 DB Team shall include a provision in every Contract to which it is a party stating that the Contractor shall utilize the specific DBEs listed to perform the work and supply the materials for which each is listed unless the contractor obtains GDOT's consent as provided in 49 CFR Part 26.3(f) and that unless GDOT's consent is provided under 49 CFR Part 26.3(f), the Contractor shall not be entitled to any payment for work or material unless it is performed or supplied by the listed DBE.

10.9.3.3 DB Team shall make available to GDOT upon request a copy of all DBE subcontracts.

10.9.3.4 Before transmitting to GDOT a request to terminate and/or substitute a DBE Subcontractor, the DB Team or Contractor must give notice in writing to the DBE Subcontractor, with a copy to GDOT, of its intent to request to terminate and/or substitute, and the reason for the request. The DB Team or

Georgia DOT Project: FY 18 Bridge Replacement
GDOT P.I. 0015912

DESIGN-BUILD
MEMORANDUM OF UNDERSTANDING
between the
Georgia Department of Transportation (hereafter the DEPARTMENT)
and
City of Lawrenceville Gas (hereafter the OWNER)

Whereas GDOT, hereafter referred to as the DEPARTMENT proposes to undertake a design-build project hereafter referred to as FY 18 Bridge Replacement PROJECT to replace the bridge on Dewey Hogan Road at Wolf Creek in Walton County, Georgia by contract through competitive bidding procedures; and,

Whereas the DEPARTMENT will accomplish the PROJECT through a Design Consultant, Design Consultant Team and/or Contractor, hereafter referred to as CONTRACTOR; and the utility owner hereafter referred to as the OWNER, and

Whereas, where OWNER has property rights ("Prior Rights") at the location of the PROJECT, OWNER will provide written evidence as to said prior rights within the area and will provide written documentation of prior rights relating to any individual crossing or Utility Facility, at the location of the PROJECT; and

Whereas, OWNER acknowledges that, generally, absent a showing of prior rights, the costs of relocation, protection, removal, or adjustment performed by OWNER shall be borne by OWNER; and

Whereas, pursuant to O.C.G.A. § 32-6-170(b), DEPARTMENT is authorized to pay or participate in the payment of the costs of relocation, protection, or adjustment of OWNER'S facilities where DEPARTMENT has made the determination that (i) such payments are in the best interest of the public and necessary in order to expedite the staging of the design-build project; and (ii) the costs of the removal, relocation, protection, or adjustment of such facilities are included as part of the Contract between the Department and the Department's roadway contractor for the design-build project; and

1. Type of Utility

OWNER has the following utility facilities which may need to be adjusted or relocated as a result of the proposed PROJECT:

Type of facility or facilities of OWNER:

- Domestic water mains and distribution lines and associated appurtenances
- Sanitary Sewer facilities and/or Storm Drainage System
- Electrical Distribution (overhead and underground) wires, poles, etc.
- Electrical Transmission (overhead and underground) wires, poles, etc.
- Natural Gas Distribution Facilities (underground)
- Natural Gas Transmission Facilities (underground)
- Petroleum Pipeline (underground)
- Telecommunications facilities and equipment
- Cable TV facilities
- Street Lighting
- Internet Data Service
- Other Facilities (Description) _____

2. New Utility Facilities Proposed (Betterment)

OWNER desires the following to be installed as new additional facilities within the PROJECT. Insert here or attach a detailed description of proposed new additional utility installations:

3. Assignment of Responsibilities for Design and Construction

This MEMORANDUM OF UNDERSTANDING and the following shall serve as a *basis* for assignment of responsibilities and costs for the DEPARTMENT, CONTRACTOR and the OWNER to enter into a Standard Utility Agreement (SUA) or Contract Item Agreement (CIA), if necessary, with OWNER once the PROJECT is awarded to the CONTRACTOR. For a PROJECT implementation, GDOT will not have in its possession exact costing plans to be utilized to determine exact locations of the removal, relocation, protection, or adjustment. However, Overhead/Subsurface Utility Engineering (SUE) investigations plans exist providing the best information and signifying the layout of known existing facilities. Please use these plans for developing the final determination of services as indicated below. The CONTRACTOR developed plans will be provided to the OWNER after the design build project is awarded by GDOT which shall be used by the CONTRACTOR as the final basis for the SUA or CIA. **Betterment costs will be the OWNER'S responsibility.**

NOTE: Water and Sewer Design and Construction relocation work put in the contract will automatically be accomplished by the DEPARTMENT'S CONTRACTOR. The UTILITY OWNER will still have design approval authority. (No Pre-Approved Contractor/Consultant List required, leave page 6 blank). If you are a Water & Sewer Utility and choose to put your relocation Design and Construction in the contract, please check Design and Construction under Option 2 under 3B. Owner's electing to perform their own design, at their own cost, please select design under 3C.

OWNER hereby intends to:

- 3A. OWNER, at the DEPARTMENT'S cost through an Agreement, will provide the following services for the properties for which it has established prior rights (Check to signify):

Design _____
Construction _____

3B. OWNER, at the CONTRACTOR'S cost, for any removal, relocation, protection, adjustment and/or design (Regardless of Prior Rights) will allow their facilities to be placed into the DEPARTMENT'S contract for the following services pursuant to O.C.G.A. § 32-6-170(b). The CONTRACTOR will add the removal, relocation, protection, materials, adjustment and/or design cost, excluding betterment, to the overall PROJECT's cost. (Check to signify):

Option 1: OWNER wants the work to be performed by the OWNER's pre-approved Design Consultants and/or Contractors.

Design _____
Construction X

Option 2: OWNER wants the DEPARTMENT'S CONTRACTOR to perform the design and/or construction. (Check to signify):

Design _____
Construction _____ **If both are checked, please leave page 6 blank.**

As per this section, all work necessary for the removal, relocation, protection, or adjustment of the described utilities in accordance with the plans when approved shall be included in the project contract and accomplished by the CONTRACTOR except as follows (Check none or list any work items to be performed by the OWNER)

None _____

Excluded Items _____

Comments: _____

3C. OWNER, at OWNER'S cost, will provide the following services (Check to signify):

Design X
Construction _____

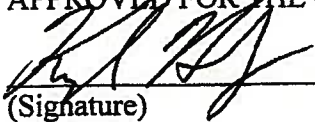
The following is hereby mutually agreed to and understood by both parties:

1. The identification of existing facilities including preparation of Overhead/Subsurface Utility Engineering (SUE) investigations plans will be accomplished by the DEPARTMENT prior to award of the PROJECT and thereafter supplemented by the CONTRACTOR.
2. The CONTRACTOR shall coordinate reviews of the utility relocation information and obtain acceptance from the OWNER and DEPARTMENT when required. However; the OWNER shall apply for and obtain any required permits from the DEPARTMENT and perform any final design or proprietary design needed to administer its own relocation work if the work will not be included in the contract. If the preliminary plans indicate that no conflict exists, and the OWNER concurs with this information, the OWNER shall provide a letter of "no conflict" to the CONTRACTOR.
3. After award of the PROJECT, the CONTRACTOR will research any claimed compensable property interest for each OWNER claiming prior rights under section 3A and present the findings to the DEPARTMENT and OWNER for approval. The plans and estimate for the utility work shall be subject to approval of both the DEPARTMENT and the OWNER prior to construction. If the OWNER chooses to perform its own relocations and the OWNER holds no property interest as stated above; the OWNER shall confirm in writing that the OWNER will relocate its own facilities at no cost to the DEPARTMENT or the CONTRACTOR.
4. All construction engineering and contract supervision shall be the responsibility of the DEPARTMENT and the CONTRACTOR to ensure that all utility work included in the contract is accomplished in accordance with the PROJECT's plans and specifications. The CONTRACTOR will consult with the OWNER before authorizing any changes or deviations which affect the OWNER's facility.
5. For utility work included in the contract, the CONTRACTOR shall ensure that the design/construction and installation of the OWNER'S facilities is performed by a contractor/design consultant pre-approved/registered with both the DEPARTMENT and the OWNER. For any work included in the contract, excluding water and sewer, the OWNER will provide a list of pre-approved/registered contractors/design consultants on page 6 of the MOU.
6. For Utility work included in the contract, the OWNER or the OWNER's Consultant shall have the right to visit and inspect the work at any time and advise the CONTRACTOR and the DEPARTMENT'S Engineer of any observed discrepancies or potential issues. The DEPARTMENT agrees to notify the OWNER when all utility work is completed and ready for final inspection by the OWNER.
7. Upon Maintenance Acceptance or Final Acceptance of the utility work included in the contract and upon certification by the DEPARTMENT'S Engineer and the OWNER that the work has been completed in accordance with the plans and specifications, the OWNER will accept the adjusted, relocated, and additional facilities and will thereafter operate and maintain said facilities located within the PROJECT right of way subject to the DEPARTMENT'S Utility Accommodations Policy and Standards Manual (UAM), current edition" and any agreements in effect without further cost to the DEPARTMENT or it's CONTRACTOR. Final acceptance of the utility relocation work is accomplished by the execution of the Utility Facility Relocation Acceptance Form. The CONTRACTOR shall provide the OWNER with a complete set of "As-Built Plans" for review and approval reflecting the relocation work performed by the CONTRACTOR. Upon completion of the Utility Facility Relocation Acceptance Form and the exchange of the final OWNER approved "As-Built Plans", the OWNER will operate and maintain the installed facilities going forward based on the date of execution of the Utility Facility Relocation Acceptance Form by the DEPARTMENT.
8. For utility coordination, relocation and reimbursement matters, the OWNER shall cooperate with the CONTRACTOR in the same manner as if coordinating directly with the DEPARTMENT in accordance with the laws of the State of Georgia, the DEPARTMENT'S UAM and any agreements in effect between the DEPARTMENT and OWNER. The OWNER agrees to cooperate in good faith with the CONTRACTOR and to respond to all requests for information or meetings required to reach a resolution of any disputed items.

9. All Utility work included in the PROJECT's contract and Utility work completed by the OWNER that is reimbursed by the DEPARTMENT through an agreement shall be in accordance with the BUY AMERICA requirements of the Federal regulations (23 U.S.C. 313 and 23 CFR 635.410) all manufacturing processes for steel and iron products or predominantly of steel or iron furnished for permanent incorporation into the work on this project shall occur in the United States. The only exception to this requirement is the production of pig iron and the processing, pelletizing and reduction of iron ore, which may occur in another country. Other than these exceptions, all melting, rolling, extruding, machining, bending, grinding, drilling, coating, etc. must occur in the United States.
- a. Products of steel include, but are not limited to, such products as structural steel piles, reinforcing steel, structural plate, steel culverts, and guardrail steel supports for signs, signals and luminaires. Products of iron include, but are not limited to, such products as cast iron frames and grates and ductile iron pipe. Coatings include, but are not limited to, the applications of epoxy, galvanizing and paint. The coating material is not limited to this clause, only the application process.
 - b. A Certificate of Compliance shall be furnished for steel and iron products as part of the backup information with the billing. The form for this certification entitled "Buy America Certificate of Compliance" is attached to this agreement as "Exhibit A." Records to be maintained by the Developer for this certification shall include a signed mill test report and a signed certification by each supplier, distributor, fabricator, and manufacturer that has handled the steel or iron product affirming that every process, including the application of a coating, performed on the steel or iron product has been carried out in the United States of America, except as allowed by this Section. The lack of these certifications will be justification for rejection of the steel and/or iron product or nonpayment of the work.

The requirements of said law and regulations do not prevent the use of miscellaneous steel or iron components, subcomponents and hardware necessary to encase, assemble and construct the above products, manufactured products that are not predominantly steel or iron or a minimal use of foreign steel and iron materials if the cost of such materials used does not exceed one-tenth of one percent (0.1%) of the total contract price or \$2,500.00, whichever is greater. The Memorandum of Understanding will be incorporated into the project contract by reference or Exhibit.

APPROVED FOR THE OWNER BY:



(Signature)

5-2-2018

(Date)

Regulatory Compliance Supervisor

(Title)

APPROVED FOR THE DEPARTMENT BY:



(Signature)

5/3/18

(Date)

STATE UTILITIES ADMINISTRATOR

Pre-Approved Contractor List

Company Name: Harrison & Harrison Pipeline Const.
Address: 102 Newton Bridge Industrial Way, Athens, GA. 30607
Phone: 706-549-2555
Contact Person: Jamie Harrison
E-Mail:

Company Name: D. Lance Souther Inc.
Address: P.O. Box 6538, Macon, GA. 31208
Phone: 478-742-2292
Contact Person: Lance Souther
E-Mail:

Company Name: Southern Pipeline, Inc.
Address: P.O. Box 98, Winder, GA. 30680
Phone: 770-294-9957
Contact Person: Jamey Wright
E-Mail:

Please provide a minimum of three.

Pre-Approved Design Consultant List

Company Name:
Address:
Phone:
Contact Person:
E-Mail:

Company Name:
Address:
Phone:
Contact Person:
E-Mail:

Company Name:
Address:
Phone:
Contact Person:
E-Mail:

Georgia DOT Project: FY 18 Bridge Replacement
GDOT P.I. 0015912

DESIGN-BUILD
MEMORANDUM OF UNDERSTANDING

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and
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Whereas the DEPARTMENT will accomplish the PROJECT through a Design Consultant, Design Consultant Team and/or Contractor, hereafter referred to as CONTRACTOR; and the utility owner hereafter referred to as the OWNER, and

Whereas, where OWNER has property rights ("Prior Rights") at the location of the PROJECT, OWNER will provide written evidence as to said prior rights within the area and will provide written documentation of prior rights relating to any individual crossing or Utility Facility, at the location of the PROJECT; and

Whereas, OWNER acknowledges that, generally, absent a showing of prior rights, the costs of relocation, protection, removal, or adjustment performed by OWNER shall be borne by OWNER; and

Whereas, pursuant to O.C.G.A. § 32-6-170(b), DEPARTMENT is authorized to pay or participate in the payment of the costs of relocation, protection, or adjustment of OWNER'S facilities where DEPARTMENT has made the determination that (i) such payments are in the best interest of the public and necessary in order to expedite the staging of the design-build project; and (ii) the costs of the removal, relocation, protection, or adjustment of such facilities are included as part of the Contract between the Department and the Department's roadway contractor for the design-build project; and

1. Type of Utility

OWNER has the following utility facilities which may need to be adjusted or relocated as a result of the proposed PROJECT:

Type of facility or facilities of OWNER:

- Domestic water mains and distribution lines and associated appurtenances
- Sanitary Sewer facilities and/or Storm Drainage System
- Electrical Distribution (overhead and underground) wires, poles, etc.
- Electrical Transmission (overhead and underground) wires, poles, etc.
- Natural Gas Distribution Facilities (underground)
- Natural Gas Transmission Facilities (underground)
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- Internet Data Service
- Other Facilities (Description) _____

2. New Utility Facilities Proposed (Betterment)

OWNER desires the following to be installed as new additional facilities within the PROJECT. Insert here or attach a detailed description of proposed new additional utility installations:

None

3. Assignment of Responsibilities for Design and Construction

This MEMORANDUM OF UNDERSTANDING and the following shall serve as a *basis* for assignment of responsibilities and costs for the DEPARTMENT, CONTRACTOR and the OWNER to enter into a Standard Utility Agreement (SUA) or Contract Item Agreement (CIA), if necessary, with OWNER once the PROJECT is awarded to the CONTRACTOR. For a PROJECT implementation, GDOT will not have in its possession exact costing plans to be utilized to determine exact locations of the removal, relocation, protection, or adjustment. However, Overhead/Subsurface Utility Engineering (SUE) investigations plans exist providing the best information and signifying the layout of known existing facilities. Please use these plans for developing the final determination of services as indicated below. The CONTRACTOR developed plans will be provided to the OWNER after the design build project is awarded by GDOT which shall be used by the CONTRACTOR as the final basis for the SUA or CIA. **Betterment costs will be the OWNER'S responsibility.**

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OWNER hereby intends to:

3A. OWNER, at the DEPARTMENT'S cost through an Agreement, will provide the following services for the properties for which it has established prior rights (Check to signify):

Design _____
Construction _____

3B. OWNER, at the CONTRACTOR'S cost, for any removal, relocation, protection, adjustment and/or design (Regardless of Prior Rights) will allow their facilities to be placed into the DEPARTMENT'S contract for the following services pursuant to O.C.G.A. § 32-6-170(b). The CONTRACTOR will add the removal, relocation, protection, materials, adjustment and/or design cost, excluding betterment, to the overall PROJECT's cost. (Check to signify):

Option 1: OWNER wants the work to be performed by the OWNER's pre-approved Design Consultants and/or Contractors.

Design _____
Construction X

Option 2: OWNER wants the DEPARTMENT'S CONTRACTOR to perform the design and/or construction. (Check to signify):

Design _____
Construction _____ **If both are checked, please leave page 6 blank.**

As per this section, all work necessary for the removal, relocation, protection, or adjustment of the described utilities in accordance with the plans when approved shall be included in the project contract and accomplished by the CONTRACTOR except as follows (Check none or list any work items to be performed by the OWNER)

None _____

Excluded Items _____

Comments: _____

3C. OWNER, at OWNER'S cost, will provide the following services (Check to signify):

Design X
Construction _____

The following is hereby mutually agreed to and understood by both parties:

1. The identification of existing facilities including preparation of Overhead/Subsurface Utility Engineering (SUE) investigations plans will be accomplished by the DEPARTMENT prior to award of the PROJECT and thereafter supplemented by the CONTRACTOR.
2. The CONTRACTOR shall coordinate reviews of the utility relocation information and obtain acceptance from the OWNER and DEPARTMENT when required. However; the OWNER shall apply for and obtain any required permits from the DEPARTMENT and perform any final design or proprietary design needed to administer its own relocation work if the work will not be included in the contract. If the preliminary plans indicate that no conflict exists, and the OWNER concurs with this information, the OWNER shall provide a letter of "no conflict" to the CONTRACTOR.
3. After award of the PROJECT, the CONTRACTOR will research any claimed compensable property interest for each OWNER claiming prior rights under section 3A and present the findings to the DEPARTMENT and OWNER for approval. The plans and estimate for the utility work shall be subject to approval of both the DEPARTMENT and the OWNER prior to construction. If the OWNER chooses to perform its own relocations and the OWNER holds no property interest as stated above; the OWNER shall confirm in writing that the OWNER will relocate its own facilities at no cost to the DEPARTMENT or the CONTRACTOR.
4. All construction engineering and contract supervision shall be the responsibility of the DEPARTMENT and the CONTRACTOR to ensure that all utility work included in the contract is accomplished in accordance with the PROJECT's plans and specifications. The CONTRACTOR will consult with the OWNER before authorizing any changes or deviations which affect the OWNER's facility.
5. For utility work included in the contract, the CONTRACTOR shall ensure that the design/construction and installation of the OWNER'S facilities is performed by a contractor/design consultant pre-approved/registered with both the DEPARTMENT and the OWNER. For any work included in the contract, excluding water and sewer, the OWNER will provide a list of pre-approved/registered contractors/design consultants on page 6 of the MOU.
6. For Utility work included in the contract, the OWNER or the OWNER's Consultant shall have the right to visit and inspect the work at any time and advise the CONTRACTOR and the DEPARTMENT'S Engineer of any observed discrepancies or potential issues. The DEPARTMENT agrees to notify the OWNER when all utility work is completed and ready for final inspection by the OWNER.
7. Upon Maintenance Acceptance or Final Acceptance of the utility work included in the contract and upon certification by the DEPARTMENT'S Engineer and the OWNER that the work has been completed in accordance with the plans and specifications, the OWNER will accept the adjusted, relocated, and additional facilities and will thereafter operate and maintain said facilities located within the PROJECT right of way subject to the DEPARTMENT'S Utility Accommodations Policy and Standards Manual (UAM), current edition" and any agreements in effect without further cost to the DEPARTMENT or it's CONTRACTOR. Final acceptance of the utility relocation work is accomplished by the execution of the Utility Facility Relocation Acceptance Form. The CONTRACTOR shall provide the OWNER with a complete set of "As-Built Plans" for review and approval reflecting the relocation work performed by the CONTRACTOR. Upon completion of the Utility Facility Relocation Acceptance Form and the exchange of the final OWNER approved "As-Built Plans", the OWNER will operate and maintain the installed facilities going forward based on the date of execution of the Utility Facility Relocation Acceptance Form by the DEPARTMENT.
8. For utility coordination, relocation and reimbursement matters, the OWNER shall cooperate with the CONTRACTOR in the same manner as if coordinating directly with the DEPARTMENT in accordance with the laws of the State of Georgia, the DEPARTMENT'S UAM and any agreements in effect between the DEPARTMENT and OWNER. The OWNER agrees to cooperate in good faith with the

CONTRACTOR and to respond to all requests for information or meetings required to reach a resolution of any disputed items.

9. All Utility work included in the PROJECT's contract and Utility work completed by the OWNER that is reimbursed by the DEPARTMENT through an agreement shall be in accordance with the BUY AMERICA requirements of the Federal regulations (23 U.S.C. 313 and 23 CFR 635.410) all manufacturing processes for steel and iron products or predominantly of steel or iron furnished for permanent incorporation into the work on this project shall occur in the United States. The only exception to this requirement is the production of pig iron and the processing, pelletizing and reduction of iron ore, which may occur in another country. Other than these exceptions, all melting, rolling, extruding, machining, bending, grinding, drilling, coating, etc. must occur in the United States.

a. Products of steel include, but are not limited to, such products as structural steel piles, reinforcing steel, structural-plate, steel culverts, and guardrail steel supports for signs, signals and luminaires. Products of iron include, but are not limited to, such products as cast iron frames and grates and ductile iron pipe. Coatings include, but are not limited to, the applications of epoxy, galvanizing and paint. The coating material is not limited to this clause, only the application process.

b. A Certificate of Compliance shall be furnished for steel and iron products as part of the backup information with the billing. The form for this certification entitled "Buy America Certificate of Compliance" is attached to this agreement as "Exhibit A." Records to be maintained by the Developer for this certification shall include a signed mill test report and a signed certification by each supplier, distributor, fabricator, and manufacturer that has handled the steel or iron product affirming that every process, including the application of a coating, performed on the steel or iron product has been carried out in the United States of America, except as allowed by this Section. The lack of these certifications will be justification for rejection of the steel and/or iron product or nonpayment of the work.

The requirements of said law and regulations do not prevent the use of miscellaneous steel or iron components, subcomponents and hardware necessary to encase, assemble and construct the above products, manufactured products that are not predominantly steel or iron or a minimal use of foreign steel and iron materials if the cost of such materials used does not exceed one-tenth of one percent (0.1%) of the total contract price or \$2,500.00, whichever is greater. The Memorandum of Understanding will be incorporated into the project contract by reference or Exhibit.

APPROVED FOR THE OWNER BY:


(Signature)

May 1, 2018
(Date)

Sr. VP of Engineering and Operations
(Title)

APPROVED FOR THE DEPARTMENT BY:


(Signature)

5/3/18
(Date)

STATE UTILITIES ADMINISTRATOR

Pre-Approved Contractor List

Company Name: Pike Electrical, LLC.
Address: P.O. Box 868 Mount Airy, NC 27030
Phone: 336-719-4276
Contact Person: Randy Beasley
E-Mail: rbeasley@pike .com

Company Name:
Address:
Phone:
Contact Person:
E-Mail:

Company Name:
Address:
Phone:
Contact Person:
E-Mail:

Please provide a minimum of three.

Pre-Approved Design Consultant List

Company Name:
Address:
Phone:
Contact Person:
E-Mail:

Company Name:
Address:
Phone:
Contact Person:
E-Mail:

Company Name:
Address:
Phone:
Contact Person:
E-Mail:

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Whereas, where OWNER has property rights ("Prior Rights") at the location of the PROJECT, OWNER will provide written evidence as to said prior rights within the area and will provide written documentation of prior rights relating to any individual crossing or Utility Facility, at the location of the PROJECT; and

Whereas, OWNER acknowledges that, generally, absent a showing of prior rights, the costs of relocation, protection, removal, or adjustment performed by OWNER shall be borne by OWNER; and

Whereas, pursuant to O.C.G.A. § 32-6-170(b), DEPARTMENT is authorized to pay or participate in the payment of the costs of relocation, protection, or adjustment of OWNER'S facilities where DEPARTMENT has made the determination that (i) such payments are in the best interest of the public and necessary in order to expedite the staging of the design-build project; and (ii) the costs of the removal, relocation, protection, or adjustment of such facilities are included as part of the Contract between the Department and the Department's roadway contractor for the design-build project; and

1. Type of Utility

OWNER has the following utility facilities which may need to be adjusted or relocated as a result of the proposed PROJECT:

Type of facility or facilities of OWNER:

- Domestic water mains and distribution lines and associated appurtenances
- Sanitary Sewer facilities and/or Storm Drainage System
- Electrical Distribution (overhead and underground) wires, poles, etc.
- Electrical Transmission (overhead and underground) wires, poles, etc.
- Natural Gas Distribution Facilities (underground)
- Natural Gas Transmission Facilities (underground)
- Petroleum Pipeline (underground)
- Telecommunications facilities and equipment
- Cable TV facilities
- Street Lighting
- Internet Data Service
- Other Facilities (Description) _____

2. New Utility Facilities Proposed (Betterment)

OWNER desires the following to be installed as new additional facilities within the PROJECT. Insert here or attach a detailed description of proposed new additional utility installations:

3. Assignment of Responsibilities for Design and Construction

This MEMORANDUM OF UNDERSTANDING and the following shall serve as a *basis* for assignment of responsibilities and costs for the DEPARTMENT, CONTRACTOR and the OWNER to enter into a Standard Utility Agreement (SUA) or Contract Item Agreement (CIA), if necessary, with OWNER once the PROJECT is awarded to the CONTRACTOR. For a PROJECT implementation, GDOT will not have in its possession exact costing plans to be utilized to determine exact locations of the removal, relocation, protection, or adjustment. However, Overhead/Subsurface Utility Engineering (SUE) investigations plans exist providing the best information and signifying the layout of known existing facilities. Please use these plans for developing the final determination of services as indicated below. The CONTRACTOR developed plans will be provided to the OWNER after the design build project is awarded by GDOT which shall be used by the CONTRACTOR as the final basis for the SUA or CIA. **Betterment costs will be the OWNER'S responsibility.**

NOTE: Water and Sewer Design and Construction relocation work put in the contract will automatically be accomplished by the DEPARTMENT'S CONTRACTOR. The UTILITY OWNER will still have design approval authority. (No Pre-Approved Contractor/Consultant List required, leave page 6 blank). If you are a Water & Sewer Utility and choose to put your relocation Design and Construction in the contract, please check Design and Construction under Option 2 under 3B. Owner's electing to perform their own design, at their own cost, please select design under 3C.

OWNER hereby intends to:

- 3A. OWNER, at the DEPARTMENT'S cost through an Agreement, will provide the following services for the properties for which it has established prior rights (Check to signify):

Design _____
Construction _____

3B. OWNER, at the CONTRACTOR'S cost, for any removal, relocation, protection, adjustment and/or design (Regardless of Prior Rights) will allow their facilities to be placed into the DEPARTMENT'S contract for the following services pursuant to O.C.G.A. § 32-6-170(b). The CONTRACTOR will add the removal, relocation, protection, materials, adjustment and/or design cost, excluding betterment, to the overall PROJECT's cost. (Check to signify):

Option 1: OWNER wants the work to be performed by the OWNER's pre-approved Design Consultants and/or Contractors.

Design _____
Construction X

Option 2: OWNER wants the DEPARTMENT'S CONTRACTOR to perform the design and/or construction. (Check to signify):

Design _____
Construction _____ **If both are checked, please leave page 6 blank.**

As per this section, all work necessary for the removal, relocation, protection, or adjustment of the described utilities in accordance with the plans when approved shall be included in the project contract and accomplished by the CONTRACTOR except as follows (Check none or list any work items to be performed by the OWNER)

None _____

Excluded Items _____

Comments: _____

3C. OWNER, at OWNER'S cost, will provide the following services (Check to signify):

Design X
Construction _____

The following is hereby mutually agreed to and understood by both parties:

1. The identification of existing facilities including preparation of Overhead/Subsurface Utility Engineering (SUE) investigations plans will be accomplished by the DEPARTMENT prior to award of the PROJECT and thereafter supplemented by the CONTRACTOR.
2. The CONTRACTOR shall coordinate reviews of the utility relocation information and obtain acceptance from the OWNER and DEPARTMENT when required. However; the OWNER shall apply for and obtain any required permits from the DEPARTMENT and perform any final design or proprietary design needed to administer its own relocation work if the work will not be included in the contract. If the preliminary plans indicate that no conflict exists, and the OWNER concurs with this information, the OWNER shall provide a letter of "no conflict" to the CONTRACTOR.
3. After award of the PROJECT, the CONTRACTOR will research any claimed compensable property interest for each OWNER claiming prior rights under section 3A and present the findings to the DEPARTMENT and OWNER for approval. The plans and estimate for the utility work shall be subject to approval of both the DEPARTMENT and the OWNER prior to construction. If the OWNER chooses to perform its own relocations and the OWNER holds no property interest as stated above; the OWNER shall confirm in writing that the OWNER will relocate its own facilities at no cost to the DEPARTMENT or the CONTRACTOR.
4. All construction engineering and contract supervision shall be the responsibility of the DEPARTMENT and the CONTRACTOR to ensure that all utility work included in the contract is accomplished in accordance with the PROJECT's plans and specifications. The CONTRACTOR will consult with the OWNER before authorizing any changes or deviations which affect the OWNER's facility.
5. For utility work included in the contract, the CONTRACTOR shall ensure that the design/construction and installation of the OWNER'S facilities is performed by a contractor/design consultant pre-approved/registered with both the DEPARTMENT and the OWNER. For any work included in the contract, excluding water and sewer, the OWNER will provide a list of pre-approved/registered contractors/design consultants on page 6 of the MOU.
6. For Utility work included in the contract, the OWNER or the OWNER's Consultant shall have the right to visit and inspect the work at any time and advise the CONTRACTOR and the DEPARTMENT'S Engineer of any observed discrepancies or potential issues. The DEPARTMENT agrees to notify the OWNER when all utility work is completed and ready for final inspection by the OWNER.
7. Upon Maintenance Acceptance or Final Acceptance of the utility work included in the contract and upon certification by the DEPARTMENT'S Engineer and the OWNER that the work has been completed in accordance with the plans and specifications, the OWNER will accept the adjusted, relocated, and additional facilities and will thereafter operate and maintain said facilities located within the PROJECT right of way subject to the DEPARTMENT'S Utility Accommodations Policy and Standards Manual (UAM), current edition" and any agreements in effect without further cost to the DEPARTMENT or it's CONTRACTOR. Final acceptance of the utility relocation work is accomplished by the execution of the Utility Facility Relocation Acceptance Form. The CONTRACTOR shall provide the OWNER with a complete set of "As-Built Plans" for review and approval reflecting the relocation work performed by the CONTRACTOR. Upon completion of the Utility Facility Relocation Acceptance Form and the exchange of the final OWNER approved "As-Built Plans", the OWNER will operate and maintain the installed facilities going forward based on the date of execution of the Utility Facility Relocation Acceptance Form by the DEPARTMENT.
8. For utility coordination, relocation and reimbursement matters, the OWNER shall cooperate with the CONTRACTOR in the same manner as if coordinating directly with the DEPARTMENT in accordance with the laws of the State of Georgia, the DEPARTMENT'S UAM and any agreements in effect between the DEPARTMENT and OWNER. The OWNER agrees to cooperate in good faith with the CONTRACTOR and to respond to all requests for information or meetings required to reach a resolution of any disputed items.

9. All Utility work included in the PROJECT's contract and Utility work completed by the OWNER that is reimbursed by the DEPARTMENT through an agreement shall be in accordance with the BUY AMERICA requirements of the Federal regulations (23 U.S.C. 313 and 23 CFR 635.410) all manufacturing processes for steel and iron products or predominantly of steel or iron furnished for permanent incorporation into the work on this project shall occur in the United States. The only exception to this requirement is the production of pig iron and the processing, pelletizing and reduction of iron ore, which may occur in another country. Other than these exceptions, all melting, rolling, extruding, machining, bending, grinding, drilling, coating, etc. must occur in the United States.

- a. Products of steel include, but are not limited to, such products as structural steel piles, reinforcing steel, structural plate, steel culverts, and guardrail steel supports for signs, signals and luminaires. Products of iron include, but are not limited to, such products as cast iron frames and grates and ductile iron pipe. Coatings include, but are not limited to, the applications of epoxy, galvanizing and paint. The coating material is not limited to this clause, only the application process.
- b. A Certificate of Compliance shall be furnished for steel and iron products as part of the backup information with the billing. The form for this certification entitled "Buy America Certificate of Compliance" is attached to this agreement as "Exhibit A." Records to be maintained by the Developer for this certification shall include a signed mill test report and a signed certification by each supplier, distributor, fabricator, and manufacturer that has handled the steel or iron product affirming that every process, including the application of a coating, performed on the steel or iron product has been carried out in the United States of America, except as allowed by this Section. The lack of these certifications will be justification for rejection of the steel and/or iron product or nonpayment of the work.

The requirements of said law and regulations do not prevent the use of miscellaneous steel or iron components, subcomponents and hardware necessary to encase, assemble and construct the above products, manufactured products that are not predominantly steel or iron or a minimal use of foreign steel and iron materials if the cost of such materials used does not exceed one-tenth of one percent (0.1%) of the total contract price or \$2,500.00, whichever is greater. The Memorandum of Understanding will be incorporated into the project contract by reference or Exhibit.

APPROVED FOR THE OWNER BY:

(Signature) *J. VanLandingham*

5-3-2018
(Date)

OSP ENGINEER

(Title)

APPROVED FOR THE DEPARTMENT BY:

(Signature) *[Signature]*

5/3/18
(Date)

STATE UTILITIES ADMINISTRATOR

Pre-Approved Contractor List

Company Name: Globe Communications
Address: 950 48th Ave N Suite 100, Myrtle Beach, SC 29577
Phone: 478-251-7906
Contact Person: Jr. Passmore
E-Mail: jrpassmore@globeinc.com

Company Name:
Address:
Phone:
Contact Person:
E-Mail:

Company Name:
Address:
Phone:
Contact Person:
E-Mail:

Please provide a minimum of three.

Pre-Approved Design Consultant List

Company Name:
Address:
Phone:
Contact Person:
E-Mail:

Company Name:
Address:
Phone:
Contact Person:
E-Mail:

Company Name:
Address:
Phone:
Contact Person:
E-Mail:

Manuals

All Work shall conform with all applicable Manuals and Guidelines developed for and including AASHTO, FHWA, GDOT, and additional requirements stated in this document and reasonably inferred therefrom. It is the Design-Build Team's responsibility to verify order of the precedence of any State or Federal manual requirement where any potential conflict may exist. The Design-Build Team shall coordinate with the appropriate State and/or Federal agency to confirm the policy and regulations to avoid any conflict of the following manuals prior to design and/or construction. Following is a list of manuals and guidelines that shall be used in the performance of the Work provided that the Work shall not be governed solely by such manuals and guidelines listed herein, and provided further that it is the Design-Build Team's responsibility to locate and utilize the most current edition in effect at the date identified in Article 7.2.4 of Volume 1, including updates, of all such referenced materials for the Work required.

1. AASHTO – A Policy on Geometric Design of Highways and Streets, ~~6th Edition~~
https://bookstore.transportation.org/collection_detail.aspx?ID=110
2. AASHTO – Guide for High-Occupancy Vehicle Facilities, ~~3rd Edition~~
https://bookstore.transportation.org/Item_details.aspx?id=114
3. AASHTO – ~~LRFD Standard~~ Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, ~~1st Edition (LTS-6)~~
https://bookstore.transportation.org/collection_detail.aspx?ID=126~~https://bookstore.transportation.org/item_details.aspx?ID=2369~~
4. AASHTO – Roadside Design Guide, 4th Edition
https://bookstore.transportation.org/item_details.aspx?ID=1807~~https://bookstore.transportation.org/item_details.aspx?id=1803~~
5. AASHTO – Roadway Lighting Design Guide
https://bookstore.transportation.org/item_details.aspx?ID=1412
6. AASHTO – AASHTO Standard Specifications for Highway Bridges, 17th Edition - 2002
https://bookstore.transportation.org/Item_details.aspx?id=51
7. AASHTO – AASHTO LRFD Bridge Design Specifications, ~~8th Edition – 2017~~
https://bookstore.transportation.org/collection_detail.aspx?ID=152
8. AASHTO – Manual for Bridge Evaluation, 2nd Edition, with 2011 Interim Revisions
https://bookstore.transportation.org/item_details.aspx?ID=1809
9. AASHTO – ~~LRFD Bridge Design Specifications, 8th Edition~~ Guide Specification for Structural Design Sound Barrier
https://bookstore.transportation.org/item_details.aspx?id=3731~~https://bookstore.transportation.org/item_details.aspx?id=1155~~
10. AASHTO/ – AWS – D1.1/D1.1M ANSI Structural Welding Code – ~~Steel – 2015, with 2016 Errata~~
~~—~~http://www.techstreet.com/cgi-bin/detail?doc_no=AWS%7CD1_1_D1_1M_2008&product_id=1519645~~https://www.techstreet.com/ieee/standards/aws-d1-1-d1-1m-2015?product_id=1898963~~

11. AASHTO/~~AWS~~ – D1.5M/~~D1.5~~ /AWS Bridge Welding Code, ~~7th Edition~~
~~https://bookstore.transportation.org/item_details.aspx?ID=2592~~
~~https://bookstore.transportation.org/item_details.aspx?ID=1756~~
12. AASHTO – Highway Capacity Manual – 2010
https://www.techstreet.com/ieee/standards/highway-capacity-manual-2010-u-s-customary-units?product_id=1786967
13. AASHTO – Manual for Assessing Safety Hardware (MASH), 2nd Edition – 2016
https://bookstore.transportation.org/Item_details.aspx?id=2707
14. Federal Highway Administration (FHWA) Roadway Construction Noise Model (RCNM) and Guideline Handbook
http://www.fhwa.dot.gov/environment/noise/construction_noise/rcnm/index.cfm
15. AISC Manual of Steel Construction, referred to as “AISC Specifications”, ~~15th Edition~~
~~<http://www.aisc.org/store/p-1578-steel-construction-manual-thirteenth-edition.aspx>~~
~~<https://www.aisc.org/products/publication/manuals/steel-construction-manual-15th-ed-print>~~
16. American National Standards Institute (ANSI)/ Illuminating Engineering Society of North America (IESNA) RP-~~8-1414-8~~ – ~~Recommended Practice for Roadway Lighting~~
~~<http://www.ies.org/store/product/roadway-lighting-ansiies-rp814-1350.cfm>~~
~~<https://www.ies.org/store/recommended-practices-and-ansi-standards/roadway-lighting/>~~
17. America Disabilities Act Accessibility Guidelines (ADAAG)
<http://www.ada.gov/stdspdf.htm>
18. FHWA – Manual of Uniform Traffic Control Devices (MUTCD)
<http://mutcd.fhwa.dot.gov/>
19. GDOT – Signing and Marking Design Guidelines, 4.0 – 2016
<http://www.dot.ga.gov/PS/DesignManuals/DesignGuides>
20. GDOT – Utility Accommodation Policy and Standards Manual – 2016
<http://www.dot.ga.gov/PS/Utilities>
21. GDOT – Guidelines on Geotechnical Studies
<http://www.dot.ga.gov/PS/Materials>
22. GDOT – Sampling, Testing and Inspection (STI) Quick Guide and Documents
<http://www.dot.ga.gov/PS/Business/Source/STI>
23. GDOT – Qualified Products List (QPL)
<http://www.dot.ga.gov/PS/Materials/QPL>
24. GDOT – Pavement Design Manual
<http://www.dot.ga.gov/PS/Materials>
25. GDOT – Drainage Design for Highways
<http://www.dot.ga.gov/PS/DesignManuals/DesignGuides>
26. GDOT – Automated Survey Manual
<http://www.dot.ga.gov/PS/DesignManuals/DesignGuides>
27. GDOT – Regulations for Driveway and Encroachment Control
<http://www.dot.ga.gov/PS/DesignManuals/DesignGuides>

28. GDOT – Electronic Data Guidelines
<http://www.dot.ga.gov/PS/DesignManuals/DesignGuides>
29. GDOT – Plan Development Process
<http://www.dot.ga.gov/PS/DesignManuals/DesignGuides>
30. GDOT – Plan Presentation Guide
<http://www.dot.ga.gov/PS/DesignManuals/DesignGuides>
31. GDOT – Preliminary Field Plan Review Checklist
<http://www.dot.ga.gov/PS/DesignManuals/DesignResources>
32. GDOT – Final Field Plan Review Checklist
<http://www.dot.ga.gov/PS/DesignManuals/DesignResources>
33. GDOT – Design Policy Manual *[Revision 5.3 dated 4/24/2018]*
<http://www.dot.ga.gov/PS/DesignManuals/DesignGuides>
34. GDOT – ITS Design Manual
<http://www.dot.ga.gov/PS/DesignManuals/DesignGuides>
35. GDOT – NPDES General Permit Guidance
<http://www.dot.ga.gov/PS/DesignManuals/DesignGuides>
36. GDOT – MS4 Special Design Post-Construction Details
[http://www.dot.ga.gov/PartnerSmart/DesignManuals/NPDES/MS4 Special Design Details.zip](http://www.dot.ga.gov/PartnerSmart/DesignManuals/NPDES/MS4%20Special%20Design%20Details.zip)
37. GDOT – Bridge and Structures Design Manual
<http://www.dot.ga.gov/PS/DesignManuals/DesignGuides>
38. GDOT – Environmental Procedures Manual
<http://www.dot.ga.gov/PS/DesignManuals/EnvironmentalProcedures>
39. GDOT – Standard Specifications, Construction of Transportation Systems 2013;
Supplemental Specifications 2016
<http://www.dot.ga.gov/PartnerSmart/Business/Source/specs/DOT2013.pdf>
http://www.dot.ga.gov/PartnerSmart/Business/Source/special_provisions/2016%20Supplemental%20Specifications/2016SupplementalSpecBook.pdf
40. GDOT – Special Provisions, Shelf Special Provisions, Reference Special Provisions,
Supplemental Specifications
SharePoint Site
41. GDOT – Construction Standards and Details
<http://mydocs.dot.ga.gov/info/gdotpubs/ConstructionStandardsAndDetails/Forms/AllItems.aspx>
42. GDOT – Right of Way Manual
<http://www.dot.ga.gov/PartnerSmart/DesignManuals/ROW/00ExternalRightofWayManual.pdf>
43. GDOT – Acquisition Guide for Local Public Agencies
<http://www.dot.ga.gov/PS/DesignManuals/DesignGuides>

44. GDOT – Statewide MS4 Permit
http://epd.georgia.gov/sites/epd.georgia.gov/files/related_files/site_page/Final_DOT_SW_NPDES_Permit_MS4_Dec_2011.pdf
45. GDOT – Design of Post-Construction BMPs
<http://www.dot.ga.gov/PartnerSmart/DesignManuals/NPDES/GDOT%20Policy%20on%20Post%20Construction%20BMPs%202-08-2013.pdf>
<http://www.dot.ga.gov/PS/DesignManuals/DesignGuides>
46. Georgia Soil and Water Conservation Commission - Manual for Erosion and Sediment Control in Georgia
<http://gaswcc.georgia.gov/manuals>
47. GDOT – Facilities Stormwater Pollution Prevention Plan
<http://mydocs.dot.ga.gov/info/designbuild/Shared%20Documents/0010925/Stormwater%20Manuals/Attach%2012-1%20GDOT%20Facilities%20SWPPP%202014-09-02.pdf>
48. GDOT – Stormwater System Inspection and Maintenance Manual
<http://www.dot.ga.gov/PS/DesignManuals/DesignGuides>
49. ~~AASHTO – Movable Bridge Inspection, Evaluation, and Maintenance Manual, 2nd Edition~~
~~—https://bookstore.transportation.org/item_details.aspx?ID=1617~~
~~https://bookstore.transportation.org/Item_details.aspx?id=2708~~
50. FHWA – Diverging Diamond Interchange Informational Guide
https://safety.fhwa.dot.gov/intersection/alter_design/pdf/fhwasa14067_ddi_infoguide.pdf
51. FHWA ~~I~~ – Traffic Detector Handbook
<http://www.fhwa.dot.gov/publications/research/operations/its/06108/06108.pdf>
52. FHWA – Mitigation Strategies for Design Exceptions
http://safety.fhwa.dot.gov/geometric/pubs/mitigationstrategies/fhwa_sa_07011.pdf
53. FHWA – Traffic Monitoring Guide
https://www.fhwa.dot.gov/policyinformation/tmguidetmg_fhwa_pl_17_003.pdf
54. Occupational Safety and Health Administration (OSHA) Standards
http://www.osha.gov/pls/oshaweb/owasrch.search_form?p_doc_type=STANDARDS&p_toc_level=1&p_keyvalue=Construction
55. National Electrical Safety Code ANSI C2 (NESC)
http://standards.ieee.org/nesc/nesc_preprint.html
56. U. S. Environmental Protection Agency Regulations
<http://www.epa.gov/lawsregs/>
57. GDOT – Public Involvement Plan
<http://www.dot.ga.gov/PartnerSmart/DesignManuals/Environmental/Public%20Involvement%20Plan/PublicInvolvementPlan.pdf>
58. American Railway Engineering and Maintenance-of-Way Association (AREMA)
<https://www.arema.org/>
59. GDOT – Work Zone Safety and Mobility Policy
<http://www.dot.ga.gov/PartnerSmart/Training/Documents/WZS/WorkZoneSafety/images/WorkZoneSafetyandMobilityPolicyRevwithsubpartK.DOCX>

60. GDOT – Quality Control and Quality Assurance Manual
<http://www.dot.ga.gov/PS/DesignManuals/DesignResources>
61. Federal Railroad Administration Regulations
<http://www.fra.dot.gov>
62. Public Project Information for Construction and Improvement Projects That May Involve the Railroad (CSX)
<https://www.csx.com/index.cfm/library/files/about-us/property/public-project-manual/>
63. MUTCD – Standards Highway Signs and Markings
http://mutcd.fhwa.dot.gov/ser-shs_millennium.htm
64. 2016 Edition of the Georgia Stormwater Management Manual Volumes 1 & 2
<http://www.georgiastormwater.com/>
65. Georgia EPD – Coastal Stormwater Supplement to the Stormwater management Manual
<https://epd.georgia.gov/georgia-epd-coastal-stormwater-supplement-stormwater-management-manual>
66. GDOT – ITS Strategic Deployment Plan
SharePoint Site
67. ITE/AASHTO –Traffic Management Data Dictionary (TMDD), Standards for Traffic Management Center to Center Communications, Version 3.03
<http://www.ite.org/standards/tmdd/3.03.asp>
68. AASHTO – A Policy on Design Standards Interstate System
https://bookstore.transportation.org/Item_details.aspx?id=2624
69. Georgia Traffic Incident Management Guidelines
http://www.timtaskforce.com/documents/TIM/GeorgiaTIMGuidelines_FINAL_V0003.pdf
70. GDOT – Construction Manual and Form Documents
<http://www.dot.ga.gov/PartnerSmart/Business/Source/Pages/ConstructionSpecs.aspx>
71. Other manuals, documents, procedures and standards as referenced in the DB Documents