SANDY SPRINGS™
GEORGIA

INVITATION TO BID #19-014
Powers Ferry Rd NW & Dudley Lane Resurfacing
Bid Due:
November 7, 2018, 2:00 p.m.

Bids will only be accepted online through the Bonfire Portal at https://sandysprings.bonfirehub.com/projects/view/10820. Any proposal submitted in any other format (email, paper, fax, mail, etc.) will not be accepted for any reason.

General Information:

1. All communications regarding this solicitation must be with the assigned Procurement Agent, Kazonga Singleton, purchasing@sandyspringsga.gov.

2. All questions or requests for clarification must be sent via Bonfire under Message - Opportunity Q&A https://sandysprings.bonfirehub.com/projects/view/10820. Questions are due **no later than October 29, 2018, 5:00 p.m**. Questions received after this date and time may not be answered.

3. Questions and clarifications will be answered in the form of an addendum. Any addenda, schedule changes and other important information regarding the solicitation related to this solicitation will be posted on Bonfire website at https://sandysprings.bonfirehub.com/projects/view/10820. It is the Offeror's responsibility to check the Bonfire portal for any addendums or other communications related to this solicitation.

4. The form of contract ("Model Contract") the City intends to execute with the selected contractor is included for your review.

5. The City of Sandy Springs reserves the right to reject all bids and to waive technicalities and informalities, and to make award in the best interest of the City of Sandy Springs.

6. The City of Sandy Springs is not responsible for any technical difficulties. It is highly recommended that all potential contractors submit their quotes prior to the due date of this solicitation.

DEFINITIONS

SSPWD: Sandy Springs Public Works Department

GDOT: Georgia Department of Transportation

ENGINEER: The Sandy Springs Director of Public Works or a duly authorized representative.

ADA: Americans with Disabilities Act

EA: Each

GAL: Gallon

LF: Lineal Feet

LS: Lump Sum

SY: Square Yard

TN: Ton

MUTCD: *Manual on Uniform Traffic Control Devices*

OSHA: Occupational Safety and Health Administration

FHWA: Federal Highway Administration

AASHTO: American Association of State Highway and Transportation Officials

CONTRACT DOCUMENTS: Contract Agreement, General Conditions,
Special Provisions, Technical Specifications,
Drawings and Plans, Bidding Documents

CITY OF SANDY SPRINGS

INVITATION TO BID #19-014

Powers Ferry Rd NW & Dudley Lane Resurfacing

The City of Sandy Springs is accepting sealed bids from highly qualified firms **meaning a Prequalified Prime Contractor listed by the Georgia Department of Transportation, Office of Contract Administration** for the **ITB #19-014 Powers Ferry Rd NW & Dudley Lane Resurfacing** for **the Public Works Department**. The contractor must self-perform tasks constituting a minimum of fifty-one percent (51%) of the value of the contract. Work will be done in accordance with Georgia Department of Transportation's (GDOT) Standard Drawings, Standard Specifications, and Pay Items Index as standards and specifications for the construction and completion of the work required.

All bidders must comply with all general and special requirements of the bid information and instructions enclosed herein. **A Pre-Bid Conference will be held on Friday, October 26, 2018 at the City of Sandy Springs, 1 Galambos Way, Sandy Springs, GA 30328.** Deadline for questions from prospective contractors is **Monday**, **October 28; 5:00 p.m.** Questions received after this date and time may not be answered.

Bids shall be presented in a sealed opaque envelope with the bid number and name **ITB #19-014 Powers Ferry Rd NW & Dudley Lane Resurfacing**

Bid packages are available on Bonfire: https://sandysprings.bonfirehub.com/projects/view/10820 and also may be downloaded from the DOAS website (*www.doas.georgia.gov*). All questions should be forwarded in writing to Kazonga Singleton at *purchsaing@sandyspringsga.gov*. Please refer to **ITB #19-014 Powers Ferry Rd NW & Dudley Lane Resurfacing,** when requesting information. The City of Sandy Springs reserves the right to reject all bids and to waive technicalities and informalities, and to make award in the best interest of the City of Sandy Springs.

The selected contractor must be able to start work within ten (10) calendar days after the "Notice to Proceed" is issued. The time of completion for the project is **hundred fifty (150)** calendar days from the date of the "Notice to Proceed." Section 108.08 of the State of Georgia Department of Transportation Standard Specifications Construction of Transportation Systems (current edition) shall be applied.

BIDDING INSTRUCTIONS

The following items should be returned with the bid documents.

- Applicable Compliance Specifications Sheets
- Applicable Addenda Acknowledgement
- Affidavit Verifying Status for City Public Benefit Application*
- Contractor Affidavit under O.C.G.A. § 13-10-91(b)(1)*
- Qualifications Signature and Certification
- Corporate Certificate*
- List of Subcontractors*

***These pages can be found in the Appendices' section of the Sample Contract.**

QUALIFICATIONS SIGNATURE AND CERTIFICATION
(Bidder to sign and return)

I certify that this offer is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a proposal for the same materials, supplies, equipment, or services and is in all respects fair and without collusion or fraud. I understand collusive bidding is a violation of State and Federal Law and can result in fines, prison sentences, and civil damage awards. I agree to abide by all conditions of the proposal and certify that I am authorized to sign this proposal for the proposer. I further certify that the provisions of the Official Code of Georgia Annotated, Sections 45-10-20 et. seq., have not been violated and will not be violated in any respect.

Authorized Signature_____Date_____

Print/Type Name_____

Email Address _____

Print/Type Company Name Here_____

SAMPLE
CONTRACT AGREEMENT

For

Powers Ferry Rd NW & Dudley Lane Resurfacing
("Project")

Between

CITY OF SANDY SPRINGS, GEORGIA
("City")

and

_____
("Contractor")

TABLE OF CONTENTS

ARTICLE I

THE CONTRACT AND THE CONTRACT DOCUMENTS

1.1 The Contract
1.2 The Contract Documents
1.3 Entire Agreement
1.4 Subletting, Assignment, or Transfer
1.5 No Privity with Others
1.6 Intent and Interpretation
1.7 Ownership of Contract Documents
1.8 Hierarchy of Contract Documents

ARTICLE II

THE WORK

2.1 Contractor Responsibility
2.2 "Work" Defined
2.3 Review of Work
2.4 Workday and Restrictions, Suspension and Interruption

ARTICLE III

CONTRACT TIME

3.1 Time and Liquidated Damages
3.2 Substantial Completion
3.3 Time is of the Essence

ARTICLE IV

CONTRACT PRICE

4.1 The Contract Price

ARTICLE V

PAYMENT OF THE CONTRACT PRICES

5.1 Bid Schedule
5.2 Payment Procedure
5.3 Withheld Payment
5.4 Punch List
5.5 Completion and Final Payment

ARTICLE VI

THE CITY

6.1 City Responsibility
6.2 Right to Stop Work
6.3 City's Right to Carry Out Work

ARTICLE VII

THE CONTRACTOR

7.1 Duties with Respect to Documents
7.2 Manner of Performance
7.3 Supervision
7.4 Compliance
7.5 Warranty
7.6 Permits, Inspections, Fees and Licenses
7.7 Supervision
7.8 Schedules
7.9 Contract to be Maintained at Project Site
7.10 Shop Drawings, Product Data and Samples
7.11 Cleaning the Project Site and the Project
7.12 Access to Work
7.13 Indemnity
7.14 Means, Methods, Techniques, Sequences, Procedures and Safety
7.15 Separate Contracts
7.16 Maintenance of Contract Cost Records

ARTICLE VIII

CONTRACT ADMINISTRATION

8.1 Claims by the Contractor

ARTICLE IX

SUBCONTRACTORS

9.1 Definition
9.2 Award of Subcontracts

ARTICLE X

CHANGES IN THE WORK

10.1 Changes Permitted
10.2 Change Order Defined
10.3 Changes in the Contract Price
10.4 Effect of Executed Change Order
10.5 Notice to Surety; Consent

ARTICLE XI

UNCOVERING AND CORRECTING WORK

11.1 Uncovering Work
11.2 Correcting Work
11.3 City May Accept Defective or Nonconforming Work

ARTICLE XII

CONTRACT TERMINATION

12.1 Termination by the Contractor
12.2 Termination by the City

ARTICLE XIII

INSURANCE

13.1 Insurance Requirements

ARTICLE XIV

DISPUTES

14.1 Mediation

ARTICLE XV

INDEPENDENT CONTRACTOR

15.1 Relationship between Contractor and City

ARTICLE XVI

COVENANT AGAINST CONTINGENT FEES

16.1 Warranty by Contractor

ARTICLE XVII

MISCELLANEOUS

17.1 Governing Law
17.2 Successors and Assigns
17.3 Surety Bonds
17.4 Notices

EXHIBITS

EXHIBIT A SCOPE OF SERVICES

EXHIBIT B BID SCHEDULE

EXHIBIT C REQUIRED CONTRACT PROVISIONS - FEDERAL AID CONSTRUCTION CONTRACT (Not required in this contract)

EXHIBIT D NOTICE TO CONTRACTORS - COMPLIANCE WITH TITLE VI OF THE CIVIL RIGHTS ACT

EXHIBIT E STANDARD FEDERAL EQUAL OPPORTUNITY CONSTRUCTION CONTRACT SPECIFICATIONS (EXECUTIVE ORDER 11246) (43 CFR 14895)

EXHIBIT F CERTIFICATION OF SPONSOR DRUG-FREE WORKPLACE

EXHIBIT G DBE REQUIREMENTS

EXHIBIT H CONTRACTOR CERTIFICATION REGARDING DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS AND INSTRUCTIONS

EXHIBIT I LOWER TIER CERTIFICATION REGARDING DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS AND INSTRUCTIONS

EXHIBIT J CERTIFICATION OF CONTRACTOR GEORGIA SECURITY AND IMMIGRATION COMPLIANCE ACT

EXHIBIT K INSURANCE REQUIREMENTS

EXHIBIT L SPECIAL PROVISIONS

EXHIBIT M NOTICE TO CONTRACTORS COMPLIANCE WITH ELECTRICAL SAFETY PROVISIONS

APPENDICES

CONTRACT AGREEMENT

This Agreement is made by and between the City of Sandy Springs, a political subdivision of the State of Georgia (hereinafter referred to as the City) and_____, (hereinafter referred to as the Contractor) under seal for construction of the **Powers Ferry Rd NW & Dudley Lane Resurfacing.**

WHEREAS, the Contractor desires to enter into this Agreement for construction of the Project and has represented to the City that it is qualified **(meaning a Prequalified Prime Contractor listed by the Georgia Department of Transportation, Office of Contract Administration)** and experienced to provide such services necessary for construction of the Project (the City requires that the Contractor and to comply with all federal, state and local legal requirements imposed on the Project as the result of federal funding and the City has relied on such representation);

NOW, THEREFORE, in consideration of the mutual promises and covenants contained herein, it is agreed by and between the Contractor and the City as follows:

ARTICLE I

THE CONTRACT AND THE CONTRACT DOCUMENTS

1.1 The Contract

1.1.1 The Contract between the City and the Contractor, of which this Agreement is a part, consists of the Contract Documents. It shall be effective on the date this Agreement is executed by the last party to execute it**.**

1.2 The Contract Documents

1.2.1 The Contract Documents consist of this Agreement, General Conditions, Special Provisions, the Technical Specifications, the Drawings and Plans, Bidding Documents, all Change Orders and Field Orders issued hereafter, the base bid made by the Contractor in response to the City's Invitation for Bid No. 19-014 (the "Bid"), and any other amendments hereto executed by the parties hereafter, together with the following (if any):

_____
_____
_____

Documents not enumerated in this Paragraph 1.2 are not Contract Documents and do not form a part of this Contract**.**

1.3 Entire Agreement

1.3.1 The Contract Documents constitute the entire and exclusive agreement between the City and the Contractor with reference to the Project.

1.4 Subletting, Assignment, or Transfer

1.4.1 It is understood by the parties to this Agreement that the Work of the Contractor is considered

personal by the City. The Contractor agrees not to assign, sublet, or transfer any or all of its interest in this Agreement without prior written approval of the City.

1.4.2 The City reserves the right to review all subcontracts prepared in connection with the Agreement, and the Contractor agrees that it shall submit to the City proposed subcontract documents together with Subcontractor cost estimates for the City's review and written concurrence in advance of their execution.

1.4.3 All subcontracts in the amount of $10,000.00 or more shall include the provisions set forth in this Agreement.

1.5 No Privity with Others

1.5.1 Nothing contained in this Contract shall create, or be interpreted to create, privity or any other contractual agreement between the City and any person or entity other than the Contractor.

1.6 Intent and Interpretation

1.6.1 The intent of this Contract is to require complete, correct and timely execution of the Work. Any Work that may be required, implied or inferred by the Contract Documents, or any one or more of them, as necessary to produce the intended result shall be provided by the Contractor for the Contract Price, as hereinafter defined.

1.6.2 This Contract is intended to be an integral whole and shall be interpreted as internally consistent. What is required by any one Contract Document shall be considered as required by the Contract.

1.6.3 When a word, term or phrase is used in this Contract, it shall be interpreted or construed, first, as defined herein; second, if not defined, according to its generally accepted meaning in the construction industry; and third, if there is no generally accepted meaning in the construction industry, according to its common and customary usage.

1.6.4 The words include, includes, or including, as used in this Contract, shall be deemed to be followed by the phrase, without limitation.

1.6.5 The specification herein of any act, failure, refusal, omission, event, occurrence or condition as constituting a material breach of this Contract shall not imply that any other, non-specified act, failure, refusal, omission, event, occurrence or condition shall be deemed not to constitute a material breach of this Contract.

1.6.6 Words or terms used as nouns in this Contract shall be inclusive of their singular and plural forms, unless the context of their usage clearly requires a contrary meaning.

1.6.7 The Contractor shall have a continuing duty to read, carefully study and compare each of the Contract Documents, the shop drawings and the product data and shall give written notice to the City of any inconsistency, ambiguity, error or omission which the Contractor may discover with respect to these documents before proceeding with the affected Work. The issuance or the express or implied approval by the City of the Contract Documents, shop drawings or product data shall not relieve the Contractor of the continuing duties imposed hereby, nor shall any such approval be evidence of the Contractor's compliance with this Contract. HOWEVER, THE CITY MAKES NO REPRESENTATION OR WARRANTY OF ANY NATURE

WHATSOEVER TO THE CONTRACTOR CONCERNING THE DOCUMENTS FOR THE PROJECT, INCLUDING THE DRAWINGS AND SPECIFICATIONS FOR THE PROJECT. By the execution hereof, the Contractor acknowledges and represents that it has received, reviewed and carefully examined such documents, has found them to be complete, accurate, adequate, consistent, coordinated and sufficient for construction, and that the Contractor has not, does not, and will not rely upon any representation or warranties by the City concerning such documents as no such representation or warranties have been or are hereby made.

1.6.8 Neither the organization of any of the Contract Documents into divisions, sections, paragraphs, articles, (or other categories), nor the organization or arrangement of the design, shall control the Contractor in dividing the Work or in establishing the extent or scope of the Work to be performed by Subcontractors.

1.7 Ownership of Contract Documents

1.7.1 The Contractor may be provided, have access to or become aware of the City's Confidential Information including the City's strategic plans, employee data, customer data and other technical and business information of the City (collectively referred to as the "Confidential Information"). The term Confidential Information includes the deliverables as well as all information generated by the Contractor that contains, references or is derived from the Confidential Information and the Services including, without limitation, the Contractor's summaries, analysis, extracts, working papers and notes relating to the Services and the Deliverables (referred to as the "Working Papers"). The Contractor agrees not to disclose the Confidential Information to third parties without the prior written approval of the City and not to make use of the Confidential Information other than as needed to perform the Services. The Contractor further agrees that it will only disclose the Confidential Information to its personnel on a need-to-know basis solely for the performance of the Services and will protect the Confidential Information with the same degree of care that the Contractor uses to protect its own confidential information, but no less than reasonable care or as the various laws may require or impose.

All Confidential Information as well as other documents, data and information provided to the Contractor by the City is and will remain the property of the City to the extent that it was the property of the City at the time it was provided to the Contractor.

All Confidential Information shall be returned to the City by the Contractor within five (5) business days of the completion of the Services under this Contract. The Contractor will keep no copies of the Confidential Information except that the Contractor may retain one copy of the Working Papers as required by law, regulation, professional standards or reasonable business practice. If requested by the City, an officer of the Contractor will certify in writing that, to the best of his/her knowledge, information and belief, all Confidential Information and all copies thereof (except for one copy of the Working Papers) have been delivered to the City or destroyed.

The Contract Documents, and each of them, shall remain the property of the City. The Contractor shall have the right to keep one record set of the Contract Documents upon completion of the Project; provided, however, that in no event shall Contractor use, or permit to be used, any or all of such Contract Documents on other projects without the City's prior written authorization.

1.8 Hierarchy of Contract Documents

1.8.1 In the event of any conflict, discrepancy, or inconsistency among any of the Contract Documents, the following hierarchy shall control: (a) as between figures given on drawings and the scaled measurements, the figures shall govern; (b) as between large scale drawings and small scale drawings, the large scale shall govern; (c) as between drawings and specifications, the requirements of the specifications shall govern; (d) as between the Contract Agreement and General and the specifications, the requirements of the Contract Agreement shall govern. As set forth hereinabove, any and all conflicts, discrepancies, or inconsistencies shall be immediately reported to the City in writing by the Contractor.

ARTICLE II

THE WORK

2.1 Contractor Responsibility

2.1.1 The Contractor shall perform all of the Work required, implied or reasonably inferable from, this Contract.

2.2 "Work" Defined

2.2.1 The term Work shall mean whatever is done by or required of the Contractor to perform and complete its duties under this Contract, including the following: construction of the whole or a designated part of the Project; furnishing of any required surety bonds and insurance; and the provision or furnishing of labor, supervision, services, materials, supplies, equipment, fixtures, appliances, facilities, tools, transportation, storage, power, permits and licenses required of the Contractor, fuel, heat, light, cooling and all other utilities as required by this Contract. The Work to be performed by the Contractor is generally described in Exhibit A, SCOPE OF SERVICES, attached hereto and incorporated herein.

2.3 Review of Work

2.3.1 Authorized representatives of the City, GDOT, and affected federal agencies may at all reasonable times review and inspect the activities and data collected under the terms of the Contract and any amendments thereto, including but not limited to, all reports, drawings, studies, specifications, estimates, maps, and computations, prepared by or for the City.

2.4 Workday and Restrictions, Suspension and Interruption

2.4.1 Normal workday for the Work shall be from 8:00 A.M. to 5:00 P.M. and the normal work week shall be Monday through Friday. The City will consider extended workdays or work weeks upon written request on a case-by-case basis. The City may restrict work hours in certain locations or at certain times of the day. No work will be allowed on national holidays (i.e., Memorial Day, July 4th, Labor Day, etc.). The City may order the Contractor in writing to suspend, delay or interrupt all or any part of the Work for such period of time as it may determine appropriate for the convenience of the City. The time for completion of the Work shall be extended by the number of days the Work is suspended. The City shall not be responsible for any claims, damages or costs stemming from any delay of the Project.

2.5 Work to be performed by the Prime Contract

2.5.1 Tasks constituting of at least fifty-one percent (51%) of the value of this contract must be performed directly by the prime contractor and shall not be sub-contracted to other firms.

2.5.2 The Contractor shall identify which tasks shall be self-performed.

ARTICLE III

CONTRACT TIME

3.1 Time and Liquidated Damages

3.1.1 The Contractor shall not proceed to furnish such services and the City shall not become obligated to pay for same until a written authorization to proceed ("Notice to Proceed") has been sent to the Contractor from the City. The Contractor shall commence the Work no later than ten (10) days after the effective date of the Notice to Proceed and shall achieve Substantial Completion of the Work, as hereinafter defined, **no later than one hundred and fifty (150) Calendar Days**, in accordance with the Contract Documents. The number of calendar days from the date on which the Work is permitted to proceed, through the date set forth for Substantial Completion, shall constitute the Contract Time. The Work shall be carried on expeditiously, it being understood, however, that this Agreement may be extended or continued in force by the parties hereto in writing as provided herein.

3.1.2 The Contractor shall pay the City the sum of $500.00 per day for each and every calendar day of unexcused delay in achieving Substantial Completion beyond the date set forth herein for Substantial Completion of the Work. Any sums due and payable hereunder by the Contractor shall be payable, not as a penalty, but as liquidated damages representing an estimate of delay damages likely to be sustained by the City, estimated at or before the time of executing this Contract. When the City reasonably believes that Substantial Completion will be inexcusably delayed, the City shall be entitled, but not required, to withhold from any amounts otherwise due the Contractor an amount then believed by the City to be adequate to recover liquidated damages applicable to such delays. If and when the Contractor overcomes the delay in achieving Substantial Completion, or any part thereof, for which the City has withheld payment, the City shall promptly release to the Contractor those funds withheld, but no longer applicable, as liquidated damages.

3.2 Substantial Completion

3.2.1 Substantial Completion shall mean the stage of the work when Sandy Springs has determined all pay items are sufficiently complete allowing the newly constructed facilities to be used for their intended purpose. Partial use or occupancy of the Project shall not result in the Project being deemed substantially complete, and such partial use or occupancy shall not be evidence of Substantial Completion.

3.3 Time is of the Essence

3.3.1 All limitations of time set forth in the Contract Documents are of the essence of this Contract.

ARTICLE IV

CONTRACT PRICE

4.1 The Contract Price

4.1.1 The total contract amount for the Project (the "Contract Price") shall be as set forth in the bid schedule ("Bid Schedule") attached hereto as EXHIBIT B, BID SCHEDULE and incorporated herein. Payment to the Contractor pursuant to the Bid Schedule is full payment for the complete scope of services. The Contract Price shall not be modified except by Change Order as provided in this Contract.

ARTICLE V

PAYMENT OF THE CONTRACT PRICE

5.1 Bid Schedule

5.1.1 The Contractor shall invoice and be paid pursuant to the Bid Schedule contained in the Contract Documents.

5.2 Payment Procedure

5.2.1 The City shall pay the Contract Price to the Contractor as provided below.

5.2.2 Based upon the Contractor's invoices for payment submitted to the City, the City shall make progress payments to the Contractor on account of the Contract Price.

5.2.3 On or before the **5th** day of each month after commencement of the Work, the Contractor shall submit an invoice for Work satisfactorily completed as evaluated by an inspector representing the City pursuant to the Bid Schedule. The invoice shall be in such form and manner, and with such supporting data and content, as the City may require. Therein, the Contractor may request payment for ninety percent (90%) of that portion of the Contract Price properly allocable to Contract requirements properly provided, labor, materials and equipment properly incorporated into the Work plus ninety percent (90%) of that portion of the Contract Price properly allocable to materials or equipment properly stored on-site (or elsewhere if approved in advance in writing by the City) for subsequent incorporation into the Work, less the total amount of previous payments received from the City. Payment for stored materials and equipment shall be conditioned upon the Contractor's proof satisfactory to the City, that the City has title to such materials and equipment and shall include proof of required insurance. Such invoice shall be signed by the Contractor and shall constitute the Contractor's representation that the Work has progressed to the level for which payment is requested in accordance with the Schedule of Work, that the Work has been properly installed or performed in full accordance with this Contract, and that the Contractor knows of no reason why payment should not be made as requested. Thereafter, the City will review the invoice and may also review the Work at the Project Site or elsewhere to determine whether the quantity and quality of the Work is as represented in the invoice and is as required by this Contract. The City shall make partial payments on account of the Contract Price to the Contractor within thirty (30) days following receipt of each invoice. The amount of each partial payment shall be the amount approved for payment less such amounts, if any, otherwise owing by the Contractor to the City or which the City shall have the right to

withhold as authorized by this Contract. The City shall not be precluded from the exercise of any of its rights as set forth in Paragraph 5.3 herein below; PROVIDED, HOWEVER, that when fifty (50) percent of the Contract value, including Change Orders and other additions to the Contract value, provided for by the Contract Documents is due, and the manner of completion of the Contract Work and its progress are reasonably satisfactory to the City, the City shall withhold no more retainage. At the discretion of the City, and with the approval of the Contractor, the retainage of any Subcontractor may be released separately as the Subcontractor completes its Work. If, however, after discontinuing the retention, the City determines that the Work is unsatisfactory or has fallen behind schedule, retention may be resumed at the previous level. If retention is resumed by the City, the Contractor and Subcontractors shall be entitled to resume withholding retainage accordingly. The rights of the City set forth herein to retainage are in addition to all of the other rights and remedies of the City set forth in this Agreement.

5.2.4 The Contractor warrants that upon submittal of an invoice, all Work for which payments have been received from the City shall be free and clear of liens, claims, security interest or other encumbrances in favor of the Contractor or any other person or entity whatsoever.

5.2.5 The Contractor shall promptly pay each Subcontractor out of the amount paid to the Contractor on account of such Subcontractor's Work, the amount to which such Subcontractor is entitled. In the event the City becomes informed that the Contractor has not paid a Subcontractor as herein provided, the City shall have the right, but not the duty, to issue future checks in payment to the Contractor of amounts otherwise due hereunder naming the Contractor and such Subcontractor as joint payees. Such joint check procedure, if employed by the City, shall create no rights in favor of any person or entity beyond the right of the named payees to payment of the check and shall not be deemed to commit the City to repeat the procedure in the future.

5.2.6 No progress payment, nor any use or occupancy of the Project by the City, shall be interpreted to constitute an acceptance of any Work not in strict accordance with this Contract.

5.3 Withheld Payment

5.3.1 The City may decline to make payment, may withhold funds, and, if necessary, may demand the return of some or all of the amounts previously paid to the Contractor, to protect the City from loss because of:

(a) defective Work not remedied by the Contractor or, in the opinion of the City, unlikely to be remedied by the Contractor;

(b) claims of third parties against the City or the City's property;

(c) failure by the Contractor to pay Subcontractors or others in a prompt and proper fashion;

(d) evidence that the balance of the Work cannot be completed in accordance with the Contract for the unpaid balance of the Contract Price;

(e) evidence that the Work will not be completed in the time required for substantial or final completion;

(f) persistent failure to carry out the Work in accordance with the Contract;

(g) damage to the City or a third party to whom the City is, or may be, liable.

In the event that the City makes written demand upon the Contractor for amounts previously paid by the City as contemplated in this Subparagraph 5.3.1, the Contractor shall promptly comply with such demand**.**

5.4 Punch List

5.4.1 When the Contractor believes that the Work is substantially complete, the Contractor shall so notify the City in writing. If the City deems the work is substantially complete, the City shall make a preliminary final inspection of the Project and shall submit to the Contractor a list of items to be completed or corrected (the "Punch List"). The Contractor shall complete all items on the Punch List within twenty-one (21) calendar days from the date of issuance of the Punch List by the City. If the Contractor is already in liquidated damages, as herein provided, prior to beginning the Punch List, then liquidated damages will be postponed for the twenty-one (21) calendar days. Once the twenty-one (21) calendar days expire, then liquidated damages will continue to accrue. In any case, once the twenty-one (21) calendar days expire after the Punch List is submitted to the Contractor, then liquidated damages will be assessed.

5.5 Completion and Final Payment

5.5.1 When all of the Work is finally complete and the Contractor is ready for a final inspection, the Contractor shall notify the City thereof in writing. Thereupon, the City will make final inspection of the Work and, if the Work is complete in full accordance with this Contract and this Contract has been fully performed, the Contractor is entitled to the remainder of the unpaid Contract Price as hereinafter provided in Subparagraph 5.5.3. Guarantees required by the Contract shall commence on the date of final completion of the Work.

5.5.1.1 If the Contractor fails to achieve final completion within the time fixed therefor by the City, the Contractor shall pay the City the sum of $ 500.00 (as stipulated in GDOT Standard Specifications 108.08) per day for each and every calendar day of unexcused delay in achieving final completion beyond the date set forth herein for final completion of the Work. Any sums due and payable hereunder by the Contractor shall be payable, not as a penalty, but as liquidated damages representing an estimate of delay damages likely to be sustained by the City, estimated at or before the time of executing this Contract. When the City reasonably believes that final completion will be delayed without excuse, the City shall be entitled, but not required, to withhold from any amounts otherwise due the Contractor an amount then believed by the City to be adequate to recover liquidated damages applicable to such delays. If and when the Contractor overcomes the delay in achieving final completion, or any part thereof, for which the City has withheld payment, the City shall promptly release to the Contractor those funds withheld, but no longer applicable, as liquidated damages.

5.5.2 The Contractor shall not be entitled to final payment unless and until it submits to the City all documents required by the Contract, including, but not limited to, its affidavit that all payrolls, invoices for materials and equipment, and other liabilities connected with the Work for which the City, or the City's property might be responsible, have been fully paid or otherwise satisfied; releases and waivers of lien from all Subcontractors of the Contractor and of any and all other parties required by the City; consent of Surety, if any, to final payment. If any third party fails or refuses to provide a release of claim or waiver of lien as required by the City, the Contractor shall furnish a bond satisfactory to the City to discharge any

such lien or indemnify the City from liability.

5.5.3 Upon a determination by an inspector representing the City that the Work is complete in full accordance with this Contract, the City shall pay the Contractor an amount sufficient to increase total payments to the Contractor to one hundred percent (100%) of the Contract Price less two hundred percent (200%) of the reasonable cost as determined by the City for completing all incomplete Work, correcting and bringing into conformance all defective and nonconforming Work, and handling all unsettled claims.

The City shall make final payment of all sums due the Contractor within thirty (30) days of final completion of the Project as determined by an inspector representing the City.

5.5.4 Acceptance of final payment shall constitute a waiver of all claims against the City by the Contractor except for those claims previously made in writing against the City by the Contractor, pending at the time of final payment, and identified in writing by the Contractor as unsettled at the time of its request for final payment.

ARTICLE VI

THE CITY

6.1 City Responsibility

6.1.1 Excluding permits and fees normally the responsibility of the Contractor, the City shall obtain all approvals, easements, and the like required for construction and shall pay for necessary assessments and charges required for construction, use or occupancy of permanent structures or for permanent changes in existing facilities.

6.2 Right to Stop Work

6.2.1 If the Contractor persistently fails or refuses to perform the Work in accordance with this Contract, the City may order the Contractor to stop the Work, or any described portion thereof, until the cause for stoppage has been corrected no longer exists, or the City orders that Work be resumed. In such event, the Contractor shall immediately obey such order.

6.3 City's Right to Carry Out Work

6.3.1 If the City determines to order the Contractor to stop the Work under the provisions of Paragraph 6.2, the City shall provide notice to the Contractor and the Contractor's surety under the performance bond that they have seven (7) days to provide adequate assurance to the City that the cause of such stoppage will be eliminated or corrected and provide the City with a plan to remedy the cause of such Work stoppage. If the Contractor and the surety fail within seven (7) days of such Work stoppage to provide such assurance, then the City may, without prejudice to any other rights or remedies the City may have against the Contractor, proceed to carry out the remedies necessary to eliminate or correct the cause of such Work stoppage. Upon proceeding to perform or cause to be performed any corrective actions, the City shall provide notice to the Contractor and the surety of action being taken by the City. In such a situation, an appropriate Change Order shall be issued deducting from the Contract Price the cost of correcting the subject deficiencies. If the unpaid portion of the Contract Price is insufficient to cover the amount due the City, the Contractor and the surety shall be responsible for paying the difference to the City.

ARTICLE VII

THE CONTRACTOR

7.1 Duties with Respect to Documents

7.1.1 The Contractor is again reminded of its continuing duty set forth in Subparagraph 1.6.7. The Contractor shall perform no part of the Work at any time without adequate Contract Documents or, as appropriate, approved shop drawings, product data or samples for such portion of the Work. If the Contractor performs any of the Work knowing it involves a recognized error, inconsistency or omission in the Contract Documents without such notice to the City, the Contractor shall bear responsibility for such performance and shall bear the cost of correction.

7.2 Manner of Performance

7.2.1 The Contractor shall perform the Work strictly in accordance with this Contract.

7.3 Supervision

7.3.1 The Contractor shall supervise and direct the Work using the Contractor's best skill, effort and attention. The Contractor shall be responsible to the City for any and all acts or omissions of the Contractor, its employees and others engaged in the Work on behalf of the Contractor.

7.4 Compliance

7.4.1 Equal Employment Opportunity

During performance of this Agreement, Contractor shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender, national origin, age, disability, or military or veteran status, or any other status or classification protected by applicable federal, state and local laws. This practice shall apply to all terms and conditions of employment, including but not limited to, hiring, placement, promotion, termination, layoff, recall, transfer, leave of absence, compensation, and training.

Contractor shall undertake equal employment opportunity efforts to ensure that applicants and employees are treated without regard to their race, color, religion, sex, sexual orientation, gender, national origin, age, disability, or military or veteran status, or any other status or classification protected by applicable federal, state and local laws. Contractor's equal employment opportunity efforts shall include, but not be limited to, all terms and conditions of employment, including but not limited to, hiring, placement, promotion, termination, layoff, recall, transfer, leave of absence, compensation, and training.

Contractor will, in all solicitations or advertisements for employees placed by, or on behalf of Contractor, state that all qualified applicants will receive consideration for employment without regard to their race, color, religion, sex, sexual orientation, gender, national origin, age, disability, or military or veteran status, or any other status or classification protected by applicable federal, state and local laws.

Contractor will cause the foregoing provisions to be inserted in all subcontracts for any work covered by the Agreement so that such provisions will be binding upon each subcontractor, provided that the

foregoing provisions shall not apply to contracts or subcontracts for standard commercial supplies or raw materials.

7.4.2 The Contractor's performance of the Work shall comply with all federal and state legal requirements imposed on GDOT including specifically, but not limited to, the provisions governing GDOT's authority to contract, Sections 32-2-60 through 32-2-77 of the Official Code of Georgia Annotated; GDOT's Rules and Regulations Governing the Prequalification of Prospective Bidders, Chapter 672-5; and GDOT's Standard Specifications, Construction of Transportation Systems (current edition), and Special Provisions modifying them, except as noted in the General Conditions to the Contract including in the Contract Documents. The Contractor shall require all subcontracts for construction of the Project to incorporate the requirements of this Subparagraph.

7.4.3 The Contractor shall comply with the provisions of Federal Form-1273, attached hereto as EXHIBIT C, REQUIRED CONTRACT PROVISIONS – FEDERAL AID CONSTRUCTION CONTRACTS, and incorporated herein. The Contractor further agrees to require compliance with and physical incorporation of the provisions of Federal Form-1273 into all subcontracts for construction of the Project.

7.4.4 The Contractor shall comply with and shall require its Subcontractors to comply with the regulations for compliance with Title VI of the Civil Rights Act of 1964, as amended, and 23 CFR 200, as stated in EXHIBIT D, NOTICE TO CONTRACTORS - COMPLIANCE WITH TITLE VI OF THE CIVIL RIGHTS ACT OF 1964, attached hereto and incorporated herein.

7.4.5 The Contractor shall comply with the provisions of Standard Federal Equal Employment Opportunity Construction Contract Specifications (Executive Order 11246) (43 CFR 14895) and shall physically include the provisions of Executive Order 11246 in each subcontract in excess of $10,000. A copy of Executive Order 11246 (43 CFR 14895) is attached to this Agreement as EXHIBIT E, STANDARD FEDERAL EQUAL EMPLOYMENT OPPORTUNITY CONSTRUCTION CONTRACT SPECIFICATIONS (EXECUTIVE ORDER 11246) (43 CFR 14895), and incorporated herein.

7.4.6 The Contractor shall certify that the provisions of Section 50-24-1 through 50-24-6 of the Official Code of Georgia Annotated relating to the "Drug-Free Workplace Act" have been complied with in full, in the form attached hereto as EXHIBIT F, CERTIFICATION OF SPONSOR - DRUG-FREE WORKPLACE, and incorporated herein.

7.4.7 The Contractor shall subcontract a minimum of **_N/A__** percent (**_N/A_**%) of the total amount of Project funds to Disadvantaged Business Enterprise ("DBE"), as defined and provided for under the Federal Rules and Regulations 49 CFR 23 and 26, and as outlined in EXHIBIT G, DBE REQUIREMENTS, attached hereto and incorporated herein.

7.4.8 The Contractor shall comply with and shall require its Subcontractors to comply with all applicable requirements of the American with Disabilities Act of 1990 ("ADA"), 42 U.S.C. 12101, et seq. and 49 U.S.C. 322; Section 504 of the Rehabilitation Act of 1973, as amended, 29 U.S.C. 791, and regulations and amendments thereto.

7.4.9 The Contractor shall provide to the City in the form attached hereto as EXHIBIT H, CONTRACTOR CERTIFICATION REGARDING DEBARMENT, SUSPENSION AND OTHER RESPONSIBILITY MATTERS, a certification regarding debarment, suspension, ineligibility and voluntary exclusion in compliance with Executive Order 12549 and 49 CFR 29, according to instructions attached to the certification form. As a part of the Exhibit H certification, the Contractor agrees to include the clause titled "Certification Regarding

Debarment, Suspension, Ineligibility and Voluntary Exclusion – Lower Tier Covered Transaction," as provided by GDOT without modification, in all lower tier covered transactions and in all solicitations for lower tier transactions, and shall cause the lower tier participant or Subcontractor to submit the certification attached hereto as EXHIBIT I, LOWER TIER CONTRACTOR CERTIFICATION REGARDING DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS, according to the instructions attached to the certification form.

7.4.10 The Contractor shall comply with and shall require its Subcontractors to comply with all applicable requirements of the Davis-Bacon Act of 1931, 40 U.S.C. 276(a), as prescribed by 23 U.S.C. 113 for federal aid highway projects, except roadways classified as local roads or rural minor collectors. **Note: Davis-Bacon Wage Rates not required for this contract.**

7.4.11 The Contractor shall comply with and shall require its Subcontractors to comply with Section 25-9-1, et seq. of the Georgia Code Annotated, "Georgia Utility Facility Protection Act", CALL BEFORE YOU DIG 1-800-282-7411.

7.4.12 The Contractor shall comply with and shall cause its Subcontractors to comply with the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-330), as supplemented by Department of Labor Regulations (29 CFR Part 5).

7.4.13 The Contractor shall comply with and shall cause its Subcontractors to comply with the Copeland "Anti-Kickback" Act (18 U.S.C. 874), as supplemented in Department of Labor Regulations (29 CFR, Part 3).

7.4.14 The Contractor shall execute a certification and shall cause all Subcontractors to execute a certification in the form of EXHIBIT J, CERTIFICATION OF CONTRACTOR – GEORGIA SECURITY AND IMMIGRATION COMPLIANCE ACT, attached hereto and incorporated herein. Pursuant to the certification, Contractor agrees to comply with all applicable requirements of the Georgia Security and Immigration Compliance Act of 2006 as codified in O.C.G.A. Sections 13-10-90 and 13-10-91 and regulated in Chapter 300-10-1 of the Rules and Regulations of the State of Georgia, "Public Employers, Their Contractors and Subcontractors Required to Verify New Employee Work Eligibility Through a Federal Work Authorization Program," accessed at *http://www.dol.state.ga.us*.

7.4.15 The Contractor acknowledges and agrees that the failure to complete appropriate certifications or the submission of a false certification as required herein shall result in the termination of this Agreement as provided in Article XII herein.

7.5 Warranty

7.5.1 The Contractor warrants to the City that all labor furnished to progress the Work under this Contract will be competent to perform the tasks undertaken, that the product of such labor will yield only first-class results, that materials and equipment furnished will be of good quality and new unless otherwise permitted by this Contract, and that the Work will be of good quality, free from faults and defects and in strict conformance with this Contract. All Work not conforming to these requirements may be considered defective. Unless otherwise specified in this Contract, acceptance shall be final and conclusive except for latent defects, fraud, gross mistakes amounting to fraud, or the City's rights under any warranty or guarantee. The Contractor shall remedy all defects in the Work and pay for damage to the Work and/or to other City property resulting from defective Work, which shall appear within a minimum period of one (1) year from the date of acceptance of the Work under this Contract, unless a longer period is specified.

The one (1) year warranty period shall begin after any repairs are performed, if needed.

7.6 Permits, Inspections, Fees and Licenses

Except as otherwise provided herein, the Contractor shall obtain and pay for all permits, inspections, fees and licenses necessary and ordinary for the Work. The Contractor shall comply with all lawful requirements applicable to the Work and shall give and maintain any and all notices required by applicable law, ordinance, or regulation pertaining to the Work.

7.7 Supervision

7.7.1 The Contractor shall employ and maintain at the Project Site only competent supervisory personnel. Absent written instruction from the Contractor to the contrary, the superintendent shall be deemed the Contractor's authorized representative at the Project Site and shall be authorized to receive and accept any and all communications from the City.

7.8 Schedules

7.8.1 The Contractor shall submit to the City on a weekly basis a Schedule of Work to be performed for the next two (2) weeks. The Schedule of Work must be delivered to the City each Thursday no later than 12:00 noon. The Contractor's Schedule of Work shall be prepared in such form, with such detail, and supported by such data as the City may require. The City reserves the right to prohibit Work on any section of the Project not included in the weekly Schedule of Work. The Schedule of Work must accurately represent the intended Work and cannot be vague or broad, such as listing all Work in the Contract. The violation of this provision by the Contractor shall constitute a material breach of this Contract. THE PARTIES SPECIFICALLY AGREE THAT ANY FLOAT CONTAINED IN THE SCHEDULES SHALL BELONG TO THE PROJECT AND IN NO EVENT SHALL THE CONTRACTOR MAKE CLAIM FOR ANY ALLEGED DELAY, ACCELERATION, OR EARLY COMPLETION SO LONG AS THE PROJECT IS COMPLETED WITHIN THE CONTRACT TIME. Strict compliance with the requirements of this Paragraph is a condition precedent for payment to the Contractor, and failure by the Contractor to strictly comply with said requirements shall constitute a material breach of this Contract.

7.9 Contract to be maintained at Project Site

The Contractor shall continuously maintain at the Project Site, for the benefit of the City, one record copy of this Contract marked to record on a current basis changes, selections and modifications made during construction. Additionally, the Contractor shall maintain at the Project Site for the City the approved shop drawings, product data, samples and other similar required submittals. Upon final completion of the Work, all of these record documents shall be delivered to the City.

7.10 Shop Drawings, Product Data and Samples

7.10.1 Shop drawings, product data, samples and other submittals from the Contractor do not constitute Contract Documents. Their purpose is merely to demonstrate the manner in which the Contractor intends to implement the Work in conformance with information received from the Contract Documents.

7.10.2 The Contractor shall not perform any portion of the Work requiring submittal and review of shop drawings, product data or samples unless and until such submittal shall have been approved by the City.

Approval by the City, however, shall not be evidence that Work installed pursuant thereto conforms with the requirements of this Contract.

7.11 Cleaning the Project Site and the Project

7.11.1 The Contractor shall keep the Project Site reasonably clean during performance of the Work. Upon final completion of the Work, the Contractor shall clean the Project Site and the Project and remove all waste, together with all of the Contractor's property from the Project Site.

7.12 Access to Work

7.12.1 Access to the Work shall be given to the City, GDOT and any affected federal agency requiring access to the Work at all times from commencement of the Work through final completion. The Contractor shall take whatever steps necessary to provide access when requested.

7.13 Indemnity

7.13.1 To the fullest extent permitted by law, the Contractor shall indemnify and hold harmless the City and GDOT, their boards, officials, directors, officers, employees, representatives, agents, and volunteers from and against all liability, claims, damages, losses and expenses, including attorneys' fees, arising out of or resulting from performance of the Work, provided that such liability, claims, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the Work itself) including loss of use resulting therefrom, but only to the extent caused in whole or in part by negligent acts or omissions of the Contractor, a Subcontractor, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, regardless of whether or not such liability, claim, damage, loss or expense is caused in part by a party indemnified hereunder.

7.13.2 In claims against any person or entity indemnified under this Paragraph 7.13 by an employee of the Contractor, a Subcontractor, any one directly or indirectly employed by them or anyone for whose acts they may be liable, the indemnification obligation under this Paragraph 7.13 shall not be limited by a limitation on amount or type of damages, compensation or benefits payable by or for the Contractor or a Subcontractor under workers' compensation acts, disability benefit acts or other employee benefit acts.

7.13.3 The Contractor shall ensure that the provisions of this Paragraph 7.13 are included in all contracts and subcontracts for the performance of Work under this Agreement.

7.14 Means, Methods, Techniques, Sequences, Procedures and Safety

7.14.1 The Contractor is fully responsible for, and shall have control over, all construction means, methods, techniques, sequences, procedures and safety, and shall coordinate all portions of the Work required by the Contract Documents. The Contractor shall confine its apparatus, material and the operations of its workers to limits/requirements indicated by law, ordinances, permits, codes and any restrictions of the City, and shall not unreasonably encumber the premises with its materials or supplies.

The Contractor shall adequately protect its own property from damage, will protect the City's property from damage or loss, and will take all necessary precautions during the progress of the work to protect all

persons and the property of others from injury or damage. The Contractor shall take all precautions for the safety of employees, and shall comply with all applicable provisions of Federal, State and local safety laws, building codes and any restrictions of the City to prevent accidents or injury to persons on, about, or adjacent to the premises where work is being performed.

The Contractor shall erect and properly maintain at all times as required by the conditions, service and work, all necessary safeguards for the protection of its employees, the Contractor's employees, and the public, and shall post signs warning against potential hazards.

7.15 Separate Contracts

7.15.1 The City reserves the right to perform work on the premises with its own forces or by the use of other contractors. In such event, the Contractor shall fully cooperate with the City and such other contractors and shall coordinate, schedule and manage its work so as not to hinder, delay or otherwise interfere with the separate work of the City or other contractors.

7.16 Maintenance of Contract Cost Records

7.16.1 The Contractor shall maintain all books, documents, papers, accounting records, and other evidence pertaining to costs incurred on the Project and used in support of its Bid and shall make such material available at all reasonable times during the period of the Contract, and for three (3) years from the date of final payment under the Contract, for inspection by GDOT and any reviewing agencies, and copies thereof shall be furnished upon request. The Contractor agrees that the provisions of this Subparagraph shall be included in any agreement it may make with any Subcontractor, assignee, or transferee.

ARTICLE VIII

CONTRACT ADMINISTRATION

8.1 Claims by the Contractor

8.1.1 All Contractor claims shall be initiated by written notice and claim to the City. Such written notice and claim must be furnished within seven (7) days after occurrence of the event, or the first appearance of the condition, giving rise to the claim.

8.1.2 Pending final resolution of any claim of the Contractor, the Contractor shall diligently proceed with performance of this Contract and the City shall continue to make payments to the Contractor in accordance with this Contract. The resolution of any claim under this Paragraph 8.1 shall be reflected by a Change Order executed by the City and the Contractor.

8.1.3 **Claims for Concealed and Unknown Conditions** -- Should concealed and unknown conditions encountered in the performance of the Work (a) below the surface of the ground or (b) in an existing structure be at variance with the conditions indicated by this Contract, or should unknown conditions of an unusual nature differing materially from those ordinarily encountered in the area and generally recognized as inherent in Work of the character provided for in this Contract, be encountered, the Contract Price shall be equitably adjusted by Change Order upon the written notice and claim by either party made within seven (7) days after the first observance of the condition. As a condition precedent to the City

having any liability to the Contractor for concealed or unknown conditions, the Contractor must give the City written notice of, and an opportunity to observe, the condition prior to disturbing it. The failure by the Contractor to make the written notice and claim as provided in this Subparagraph shall constitute a waiver by the Contractor of any claim arising out of or relating to such concealed or unknown condition.

8.1.4 **Claims for Additional Costs** -- If the Contractor wishes to make a claim for an increase in the Contract Price, as a condition precedent to any liability of the City therefor, the Contractor shall give the City written notice of such claim within seven (7) days after the occurrence of the event, or the first appearance of the condition, giving rise to such claim. Such notice shall be given by the Contractor before proceeding to execute any additional or changed Work. The failure by the Contractor to give such notice prior to executing the Work shall constitute a waiver of any claim for additional compensation.

8.1.4.1 In connection with any claim by the Contractor against the City for completion in excess of the Contract Price, any liability of the City shall be strictly limited to direct costs incurred by the Contractor and shall in no event include indirect costs or consequential damages of the Contractor. The City shall not be liable to the Contractor for claims of third parties, including Subcontractors, unless and until liability of the Contractor has been established therefor in a court of competent jurisdiction.

8.1.5 **Claims for Additional Time** -- If the Contractor is delayed in progressing any task which at the time of the delay is then critical or which during the delay becomes critical, as the sole result of any act or neglect to act by the City or someone acting in the City's behalf, or by changes ordered in the Work, unusual delay in transportation, unusually adverse weather conditions not reasonably anticipatable, fire or any causes beyond the Contractor's control, then the date for achieving Substantial Completion of the Work shall be extended upon the written notice and claim of the Contractor to the City, for such reasonable time as the City may determine. Any notice and claim for an extension of time by the Contractor shall be made not more than seven (7) days after the occurrence of the event or the first appearance of the condition giving rise to the claim and shall set forth in detail the Contractor's basis for requiring additional time in which to complete the Project. In the event the delay to the Contractor is a continuing one, only one notice and claim for additional time shall be necessary. If the Contractor fails to make such claim as required in this Subparagraph, any claim for an extension of time shall be waived.

8.1.6 Extension of Contract Time for Unusually Adverse Weather Conditions Not Reasonably Anticipated

8.1.6.1 Pursuant to the provisions of Subparagraph 8.1.5 of the Contract Agreement, the Contract Time may be extended upon written notice and claim of the Contractor to the City as set forth in such Subparagraph and as further set forth herein. It is, however, expressly agreed that the time for completion as stated in the Contract Documents includes due allowance for calendar days on which work cannot be performed out-of-doors.

Furthermore, in addition to the notice requirements set forth in the aforesaid Subparagraph 8.1.5, the Contractor agrees that it shall provide written notice to the City on the day of any adverse weather not anticipated and for which a request for a time extension has been, or will be, made. Said notice shall state with particularity a description of the adverse weather as well as a description of the nature and extent of any delay caused by such weather. Receipt of this notice by the City is a condition precedent to the submission of any claim for an extension of time as provided by Subparagraph 8.1.5. Furthermore, as required by Subparagraph 8.1.5, the Contractor shall submit a written claim for extension of time within seven (7) days after the occurrence of the adverse weather and such claim shall be supported by such documentation including, but not limited to, official weather reports, as the City may require. To the extent

that any of the terms and conditions set forth in this paragraph are in conflict with any of the terms and conditions of Subparagraph 8.1.5 as identified herein, the terms and conditions of this paragraph shall govern and control.

ARTICLE IX

SUBCONTRACTORS

9.1 Definition

9.1.1 A Subcontractor is an entity which has a direct contract with the Contractor to perform a portion of the Work.

9.2 Award of Subcontracts

9.2.1 Upon execution of the Contract, the Contractor shall furnish the City, in writing, the names of persons or entities proposed by the Contractor to act as a Subcontractor on the Project. The City shall promptly reply to the Contractor, in writing, stating any objections the City may have to such proposed Subcontractor. The Contractor shall not enter into a Subcontract with a proposed Subcontractor with reference to whom the City has made timely objection. The Contractor shall not be required to subcontract with any party to whom the Contractor has objection.

9.2.2 All subcontracts shall afford the Contractor rights against the Subcontractor which correspond to those rights afforded to the City against the Contractor herein, including those rights afforded to the City by Subparagraph 12.2.1 below.

9.2.3 All subcontracts shall comply with the requirements of Paragraph 7.4 above.

ARTICLE X

CHANGES IN THE WORK

10.1 Changes Permitted

10.1.1 Changes in the Work within the general scope of this Contract, consisting of additions, deletions, revisions, or any combination thereof, may be ordered without invalidating this Contract, by Change Order or by Field Order.

10.1.2 Changes in the Work shall be performed under applicable provisions of this Contract and the Contractor shall proceed promptly with such changes.

10.2 Change Order Defined

10.2.1 Change Order shall mean a written order to the Contractor executed by the City, issued after execution of this Contract, authorizing and directing a change in the Work or an adjustment in the Contract Price or the Contract Time, or any combination thereof. The Contract Price and the Contract Time may be changed only by Change Order.

10.3 Changes in the Contract Price

10.3.1 Any change in the Contract Price resulting from a Change Order shall be determined as follows by mutual agreement between the City and the Contractor as evidenced by (1) the change in the Contract Price being set forth in the Change Order, (2) such change in the Contract Price, together with any conditions or requirements related thereto, being initialed by both parties and (3) the Contractor's execution of the Change Order.

10.3.2 If unit prices are provided in the Contract, and if the quantities contemplated are so changed in a proposed Change Order that application of such unit prices to the quantities of Work proposed will cause substantial inequity to the City or to the Contractor, the applicable unit prices shall be equitably adjusted.

10.4 Effect of Executed Change Order

10.4.1 The execution of a Change Order by the Contractor shall constitute conclusive evidence of the Contractor's agreement to the ordered changes in the Work, this Contract as thus amended, the Contract Price and the Contract Time. The Contractor, by executing the Change Order, waives and forever releases any claim against the City for additional time or compensation for matters relating to or arising out of or resulting from the Work included within or affected by the executed Change Order.

10.5 Notice to Surety; Consent

10.5.1 The Contractor shall notify and obtain the consent and approval of the Contractor's surety with reference to all Change Orders if such notice, consent or approval are required by the Contractor's surety or by law. The Contractor's execution of the Change Order shall constitute the Contractor's warranty to the City that the surety has been notified of and consents to, such Change Order and the surety shall be conclusively deemed to have been notified of such Change Order and to have expressly consented thereto.

ARTICLE XI

UNCOVERING AND CORRECTING WORK

11.1 Uncovering Work

11.1.1 If any of the Work is covered contrary to the City's request or to any provisions of this Contract, it shall, if required by the City, be uncovered for the City's inspection and shall be properly replaced at the Contractor's expense without change in the Contract Time.

11.1.2 If any of the Work is covered in a manner not inconsistent with Subparagraph 11.1.1 above, it shall, if required by the City, be uncovered for the City's inspection. If such Work strictly conforms with the provisions of this Contract, costs of uncovering and proper replacement shall by Change Order be charged to the City. If such Work does not strictly conform with the provisions of this Contract, the Contractor shall pay the costs of uncovering and proper replacement.

11.2 Correcting Work

11.2.1 The Contractor shall immediately proceed to correct Work rejected by the City as defective or failing to conform to this Contract. The Contractor shall pay all costs and expenses associated with correcting such rejected Work, including any additional testing and inspections, and reimbursement to the City for services and expenses made necessary thereby, if any.

11.2.2 If within one (1) year after Substantial Completion of the Work any of the Work is found to be defective or not in accordance with this Contract, the Contractor shall correct it promptly upon receipt of written notice from the City. This obligation shall survive final payment by the City and termination of this Contract. With respect to Work first performed and completed after Substantial Completion, this one (1) year obligation to specifically correct defective and nonconforming Work shall be extended by the period of time which elapses between Substantial Completion and final completion of the subject Work.

11.2.3 Nothing contained in this Paragraph 11.2 shall establish any period of limitation with respect to other obligations which the Contractor has under this Contract. Establishment of the one (1) year time period in Subparagraph 11.2.2 relates only to the duty of the Contractor to specifically correct the Work.

11.3 City May Accept Defective or Nonconforming Work

11.3.1 If the City chooses to accept defective or nonconforming Work, the City may do so. In such event, the Contract Price shall be reduced by the greater of (a) the reasonable cost of removing and correcting the defective or nonconforming Work, and (b) the difference between the fair market value of the Project as constructed and the fair market value of the Project had it not been constructed in such a manner as to include defective or nonconforming Work. If the remaining portion of the unpaid Contract Price, if any, is insufficient to compensate the City for its acceptance of defective or nonconforming Work, the Contractor shall, upon written demand from the City, pay the City such remaining compensation for accepting defective or nonconforming Work.

ARTICLE XII

CONTRACT TERMINATION

12.1 Termination by the Contractor

12.1.1 If the Work is stopped for a period of ninety (90) days by an order of any court or other public authority, or as a result of an act of the government, through no fault of the Contractor or any person or entity working directly or indirectly for the Contractor, the Contractor may, upon ten (10) days' written notice to the City, terminate performance under this Contract and recover from the City payment for the actual reasonable expenditures of the Contractor (as limited in Subparagraph 10.3.2 above) for all Work executed and for materials, equipment, tools, construction equipment and machinery actually purchased or rented solely for the Work, less any salvage value of any such items.

12.1.2 If the City shall persistently or repeatedly fail to perform any material obligation to the Contractor for a period of fifteen (15) days after receiving written notice from the Contractor of its intent to terminate hereunder, the Contractor may terminate performance under this Contract by written notice to the City. In such event, the Contractor shall be entitled to recover from the City as though the City had terminated the Contractor's performance under this Contract for convenience pursuant to Subparagraph 12.2.1 hereunder.

12.2 Termination by the City

12.2.1 For Convenience

12.2.1.1 The City may for any reason whatsoever terminate performance under this Contract by the Contractor for convenience. The City shall give written notice of such termination to the Contractor specifying when termination becomes effective.

12.2.1.2 The Contractor shall incur no further obligations in connection with the Work and the Contractor shall stop Work when such termination becomes effective. The Contractor shall also terminate outstanding orders and subcontracts. The Contractor shall settle the liabilities and claims arising out of the termination of subcontracts and orders. The City may direct the Contractor to assign the Contractor's right, title and interest under terminated orders or subcontracts to the City or its designee.

12.2.1.3 The Contractor shall transfer title and deliver to the City such completed or partially completed Work and materials, equipment, parts, fixtures, information and Contract rights as the Contractor has.

12.2.1.4

(a) The Contractor shall submit a termination claim to the City specifying the amounts due because of the termination for convenience together with costs, pricing or other data required by the City. If the Contractor fails to file a termination claim within one (1) year from the effective date of termination, the City shall pay the Contractor an amount derived in accordance with sub-paragraph (c) below.

(b) The City and the Contractor may agree to the compensation, if any, due to the Contractor hereunder.

(c) Absent agreement to the amount due to the Contractor, the City shall pay the Contractor the following amounts:

(i) Contract prices for labor, materials, equipment and other services accepted under this Contract;

(ii) Reasonable costs incurred in preparing to perform and in performing the terminated portion of the Work, and in terminating the Contractor's performance, plus a fair and reasonable allowance for overhead and profit thereon (such profit shall not include anticipated profit or consequential damages); provided however, that if it appears that the Contractor would have not profited or would have sustained a loss if the entire Contract would have been completed, no profit shall be allowed or included and the amount of compensation shall be reduced to reflect the anticipated rate of loss, if any;

(iii) Reasonable costs of settling and paying claims arising out of the termination of subcontracts or orders pursuant to Subparagraph 12.2.1.2 of this Paragraph. These costs shall not include amounts paid in accordance with other provisions hereof.

The total sum to be paid the Contractor under this Subparagraph 12.2.1 shall not exceed the total Contract Price, as properly adjusted, reduced by the amount of payments otherwise made, and shall in no event include duplication of payment.

12.2.2 **For Cause**

12.2.2.1 If the Contractor persistently or repeatedly refuses or fails to prosecute the Work in a timely manner, supply enough properly skilled workers, supervisory personnel or proper equipment or materials, or if it fails to make prompt payment to Subcontractors or for materials or labor, or persistently disregards laws, ordinances, rules, regulations or orders of any public authority having jurisdiction, or otherwise is guilty of a substantial violation of a material provision of this Contract, then the City may by written notice to the Contractor and the surety, without prejudice to any other right or remedy, terminate the employment of the Contractor and take possession of the Project Site and of all materials, equipment, tools, construction equipment and machinery thereon owned by the Contractor and may proceed to carry out the remedies necessary to finish the Work by whatever methods it may deem expedient. In such case, the Contractor shall not be entitled to receive any further payment until the Work is finished.

12.2.2.2 If the unpaid balance of the Contract Price exceeds the cost of finishing the Work, including compensation for additional services and expenses made necessary thereby, such excess shall be paid to the Contractor. If such costs exceed the unpaid balance, the Contractor shall pay the difference to the City. This obligation for payment shall survive the termination of the Contract.

12.2.2.3 In the event the employment of the Contractor is terminated by the City for cause pursuant to Subparagraph 12.2.2 and it is subsequently determined by a Court of competent jurisdiction that such termination was without cause, such termination shall thereupon be deemed a termination for convenience under Subparagraph 12.2.1 and the provisions of Subparagraph 12.2.1 shall apply.

ARTICLE XIII

INSURANCE

13.1 Insurance Requirements

13.1.1 Prior to beginning Work on the Project, the Contractor shall procure and maintain for the duration of this Contract, and for one (1) years thereafter, at its sole cost and expense such insurance as will fully protect it and the City and the City's boards, officials, directors, officers, employees, representatives, agents, and volunteers from incidents, accidents and claims for personal injury, bodily injury, and property damage which may arise from or in connection with the performance of the work and for the Contractor's professional liability (errors and omissions) under this Contract, whether such services and work are performed by the Contractor, its agents, representatives, employees, or by any subcontractor or any tier directly employed or retained by either. The following is the minimum insurance and limits that the Contractor must maintain. If the Contractor maintains higher limits than the minimums shown below, the City requires and shall be entitled to coverage for the higher limits maintained by the Contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

All of the insurance herein specified shall be written on a form acceptable to the City and shall be A.M. Best Company rated A X or greater. See EXHIBIT K, INSURANCE REQUIREMENTS attached hereto and

incorporated herein.

13.1.2 All such insurance shall remain in effect until final payment is made and the Project is accepted by the City. If the Contractor receives notice of non-renewal or material adverse change of any of the required coverages, the Contractor shall promptly advise the City in writing. Failure of the Contractor to promptly notify the City on non-renewal or material adverse change of any of the required coverages terminates the Agreement as of the date that the Contractor should have given notification to the City. The insurance policies shall contain or be endorsed to contain, the following provisions:

(a) A provision that coverage afforded under such policies shall not expire, be canceled or altered without at least thirty (30) days prior written notice to the City.

(b) Workers' Compensation and Employer's Liability and Property insurance policies shall contain a waiver of subrogation in favor of the City and the City's boards, officials, directors, officers, employees, representatives, agents, and volunteers.

(c) Commercial General Liability, Automobile Liability Contractors' Pollution Legal Liability and/or Asbestos Legal Liability and/or Errors and Omissions (if project involves environmental hazards) insurance policies shall include an endorsement making the City and the City's boards, officials, directors, officers, employees, representatives, agents, and volunteers Additional Insureds under such policies.

A copy of these endorsements shall be provided to the City.

Certificates of Insurance showing that such coverage is in force shall be filed under this Contract by the Contractor to the City.

The obligations for the Contractor to procure and maintain insurance shall not be construed to waive or restrict other obligations and it is understood that insurance in no way limits liability of the Contractor whether or not same is covered by insurance.

13.1.3 If the City has any objections to the coverage afforded by or provisions of the insurance required to be purchased and maintained by the Contractor, the City will notify the Contractor thereof within twenty (20) days of the date of delivery of such certificates to the City.

13.1.4 The Contractor shall provide to the City such additional information in respect of insurance provided by it as the City may reasonably request. The right of the City to review and comment on certificates of insurance is not intended to relieve the Contractor of his responsibility to provide insurance coverage as specified nor to relieve the Contractor of his liability for any claims which might arise.

13.1.5 The Contractor agrees to require its Subcontractors to obtain insurance complying with the requirements the requirements of the Contract Documents.

ARTICLE XIV

DISPUTES

No civil action with respect to any dispute, claim or controversy arising out of or relating to this Contract may be commenced without first giving fourteen (14) calendar days written notice to Sandy Springs of the claim and the intent to initiate a civil action.

ARTICLE XV

INDEPENDENT CONTRACTOR

15.1 Relationship between Contractor and City

15.1.1 The Contractor shall perform the services under this Agreement as an independent contractor and nothing contained herein shall be construed to be inconsistent with such relationship or status. Nothing in this Agreement shall be interpreted or construed to constitute the Contractor or any of its agents or employees to be the agent, employee or representative of the City. Inasmuch as the City and the Contractor are contractors independent of one another, neither has the authority to bind the other to any third person or otherwise to act in any way as the representative of the other, unless otherwise expressly agreed to in writing signed by both parties hereto. The Contractor agrees not to represent itself as the City's agent for any purpose to any party or to allow any employee or agent of the Contractor to do so, without specific prior written authorization from the City, and then only for the limited purpose stated in such authorization.

15.1.2 The Contractor shall assume full liability for any contracts or agreements that the Contractor enters into on behalf of the City without the express knowledge and prior written authorization of the City.

ARTICLE XVI

COVENANT AGAINST CONTINGENT FEES

16.1 Warranty by Contractor

16.1.1 Contractor warrants that no person or selling agency has been employed or retained to solicit or secure this Agreement upon an agreement or understanding for any fee, commission, percentage, brokerage or contingent fee, gift or other consideration, excepting bona fide employees maintained by Contractor for the purpose of securing business and that Contractor has not received any non-City fee related to this Agreement without the prior written consent of the City.

16.1.2 For breach or violation of this warranty, the City shall have the right to annul this Agreement without liability or at its discretion to deduct from the contract price or consideration, or otherwise recover, the full amount of any such fee, commission, percentage, brokerage or contingent fee, gift or other consideration.

ARTICLE XVII

MISCELLANEOUS

17.1 Governing Law

17.1.1 The Contract shall be administered and interpreted under the laws of the State of Georgia. Jurisdiction of litigation arising from this Agreement shall be in Georgia. If any part of this Agreement is found to be in conflict with applicable laws, such part shall be inoperative, null and void insofar as it is in conflict with said laws, but the remainder of this Agreement shall be in full force and effect.

Whenever reference is made in the Agreement to standards or codes in accordance with which work is to be performed, the edition or revision of the standards or codes current on the effective date of this Agreement shall apply, unless otherwise expressly stated.

17.2 Successors and Assigns

17.2.1 The City and Contractor bind themselves, their successors, assigns and legal representatives to the other party hereto and to successors, assigns and legal representatives of such other party in respect to covenants, agreements and obligations contained in this Contract. The Contractor shall not assign this Contract without written consent of the City.

17.3 Surety Bonds

17.3.1 The Contractor shall furnish separate performance and payment bonds to the City. Each bond shall set forth a penal sum in an amount not less than the Contract Price. Each bond furnished by the Contractor shall incorporate by reference the terms of this Contract as fully as though they were set forth verbatim in such bonds. In the event the Contract Price is adjusted by Change Order executed by the Contractor, the penal sum of both the performance bond and the payment bond shall be deemed increased by like amount. The performance and payment bonds furnished by the Contractor shall be in form suitable to the City and shall be executed by a surety, or sureties, reasonably suitable to the City. Bonds shall be issued by a corporate surety appearing on the Treasury Department's most current list (Circular 570, as amended) and be authorized to do business in the State of Georgia. The date of the bond must not be prior to the date of the Agreement. If the Contractor is a partnership, all partners shall execute the bond.

It is mutually agreed by the parties hereto that if at any time after execution of this Agreement and the surety bonds for its faithful performance, the City shall deem the surety or sureties upon such bonds to be unsatisfactory, or if for any reason such bonds cease to be adequate to cover the performance of the Work, the Contractor shall, at its expense, within five (5) days after receipt of notice from the City to do so, furnish an additional bond or bonds in such form and amount and with such surety or sureties as shall be satisfactory to the City. In such event, no further payment to the Contractor shall be deemed due under this Agreement until such new or additional security for the faithful performance of the Work shall be furnished in manner and form satisfactory to the City.

17.4 Notices

If to the City:	**With copies to:**
John McDonough, City Manager 1 Galambos Way Sandy Springs, Georgia 30328	Dan Lee, City Attorney 1 Galambos Way Sandy Springs, Georgia 30328
If to Contractor:	**With copies to:**
Contractor Contact, Title Address City, State Zip	_____ _____ _____

END OF SECTION

IN WITNESS WHEREOF, the parties hereto, acting through their duly authorized agents, have signed and sealed this Agreement.

CITY OF SANDY SPRINGS, GEORGIA

By: _____
John McDonough, City Manager

_____
Date of Execution

ATTEST:

By: _____
City Clerk

(SEAL)

Approved as to Form:

By: _____
City Attorney

CONTRACTOR

_____
Date of Execution

By: _____
Name:

_____
(Typed or printed name)

_____
Title

ATTEST:

By: _____
Secretary for Corporation

(SEAL)

_____
Witness

Executed in originals of one (1).

EXHIBIT A
TO CONTRACT AGREEMENT

SCOPE OF SERVICES

The contractor shall furnish all materials, equipment, and labor to complete the required construction as described in its entirety to the specifications as directed and the terms of this contract including all incidentals as directed by the City of Sandy Springs Director of Public Works or a representative. Unless otherwise specified, all work shall be completed in accordance with Georgia Department of Transportation Standard Specifications (current edition).

- The work shall consist of full depth asphalt replacement including road base, variable depth milling/leveling, and 1.5 inch mill and overlay with 12.5mm asphalt or as directed by the engineer.
- Temporary striping where required shall follow within twenty-four (24) hours of resurfacing.
- Permanent traffic striping shall take place no later than fourteen (14) days after resurfacing.
- Working hours are expected to be Monday to Friday, 9 AM to 3 PM.

General Notes:

1. Prior to beginning work the contractor will be required to submit a job mix formula for review and acceptance by the City.

2. The Contractor shall perform project housekeeping/clean-up on a daily basis; this includes sweeping and/or vacuuming for dust and debris along the roadway and cleaning of driveways if applicable. This includes tack overspray on driveways and curbs. Cleanliness is a point of emphasis for the City and our Citizens and great attention must be paid to keeping the streets and properties affected by this work as clean and in order as possible.

3. Scheduling: The Contractor shall submit a master schedule of work to be performed two (2) weeks in advance of starting.

4. Traffic Control: The Contractor shall submit a traffic control plan for review and approval in advance of starting. Traffic control plan should comply with current MUTCD standard and specifications.

5. The contractor shall obtain permission from any private property owner whose property construction equipment may be parked in front of or on. Failure to obtain permission from property owners may result in citations

6. The contractor is responsible for calling for utility locations prior to the start of work. It shall be the contractor's responsibility to coordinate his work with any utility owner whom maybe in conflict with his work. No claims will be considered for extra compensation.

7. A 24-hour contact shall be provided to the City of Sandy Springs Public Works Department for all issues as needed in regards to the project for any safety, signage, or any other emergency as needed.

8. Any item which must be removed during the construction work and is not specially called for shall be removed by the contractor. The cost shall be included in other unit price bid. No claims will be considered for extra compensation.

9. Upon completion any excess items which might be left over from the construction related work shall be removed and disposed of properly by the contractor. The cost for such removal and disposal of such items will be included in other unit price bid. No claims will be considered for extra compensation

10. The general descriptions of each item of work are as described in the Georgia Department of Transportation's standards and specifications, complete and accepted. Any conflicts which might occur during the course of the construction work or any conflicts which might be related to the compensation of any work shall be decided based on the Georgia DOT's standards and specifications. No claims will be considered for extra compensation.

11. Working hours are expected to be Monday to Friday, 8 AM to 5 PM except where otherwise noted. Any extended work hours or alternate work times must be approved by the Public Works Director.

12. Contractor shall have all vehicles marked with their company name.

13. The City of Sandy Springs will not provide restroom facilities.

14. The Contractor's performance will be measured based on the following:

- Compliance with the Scope of Work and GDOT Specifications
- Cleanliness of the worksite
- Meeting agreed upon schedule dates
- Submission of all deliverables as specified

END OF SECTION

EXHIBIT B

TO CONTRACT AGREEMENT
Powers Ferry Road NW and Dudley Lane Res Resurfacing
BID SCHEDULE

L.I.N.	Pay Item No.	Description	Unit	QTY	Unit Price	Total Price
1	150-1000	TRAFFIC CONTROL	LS	1	$	$
2	163-0550	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	TN	2	$	$
3	165-0105	MAINTENANCE OF INLET SEDIMENT TRAP	TN	2	$	$
4	165-0001	COMPOST FILTER SOCK	GL	250	$	$
5	210-0100	GRADING COMPLETE-PROJECT (INCLUDES PVMT AND BASE MATERIAL REMOVAL)	SY	1	$	$
6	310-5120	GR AGGR BASE CRS, 12 INCH, INCL MATL	EA	335	$	$
7	402-3130	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	EA	250	$	$
8	402-1812	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	EA	60	$	$
9	402-3121	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	EA	74	$	$
10	402-3190	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	EA	37	$	$
11	413-1000	BITUMINOUS TACK COAT	EA	90	$	$
12	432-5010	MILL ASPH CONC PVMT, VARIABLE DEPTH	LF	2500	$	$
13	653-1704	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	LF	40	$	$
14	653-1501	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	LF	700	$	$
15	653-1502	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	LF	550	$	$
16	653-1804	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	LF	575	$	$
17	653-3501	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	GLF	10	$	$
18	653-0130	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	EA	1	$	$
19	654-1001	RAISED PVMT MARKERS TP1	EA	10	$	$

BID SUMMARY

BASE BID AMOUNT _____

TOTAL BID AMOUNT _____

TOTAL BID AMOUNT IN WORDS _____

BID PRICE
CERTIFICATION

In compliance with the attached Specification, the undersigned offers and agrees that if this Bid is accepted by the City Council within one hundred and fifty (150) days of the date of Bid opening, shall furnish any or all of the Items upon which Prices are quoted, at the Price set opposite each Item, delivered to the designated point(s) within the time specified in the Bid Schedule.

COMPANY_____ _____

ADDRESS_____

AUTHORIZED SIGNATURE_____

EMAIL ADDRESS_____

PRINT / TYPE NAME_____

EXHIBIT C
TO CONTRACT AGREEMENT
REQUIRED CONTRACT PROVISIONS FEDERAL AID CONSTRUCTION CONTRACTS
Not Applicable for this Contract.

EXHIBIT D
TO CONTRACT AGREEMENT
NOTICE TO CONTRACTORS
COMPLIANCE WITH TITLE VI OF THE CIVIL RIGHTS ACT OF 1964

During the performance of this Contract, the Contractor, for itself, its assignees and successors in interest (hereinafter referred to as the "Contractor"), agrees as follows:

1. Compliance with Regulations: The Contractor will comply with the Regulations of the Department of Transportation relative to nondiscrimination in Federally-assisted programs of the Department of Transportation (Title 49, Code of Federal Regulations, Part 21, hereinafter referred to as the "Regulations"), which are herein incorporated by reference and made a part of the Contract.

2. Nondiscrimination: The Contractor, with regard to the work performed by it afterward and prior to completion of the contract work, will not discriminate on the ground of race, color, sex, or national origin in the selection and retention of subcontracts including procurements of materials and leases of equipment. The Contractor will not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the Regulations, including employment practices when contract covers a program set forth in Appendix B of the Regulations. In addition, the Contractor will not participate either directly or indirectly in discrimination prohibited by 23 CFR 710.405 (b).

3. Solicitations for subcontracts, including procurements of materials and equipment: In all solicitations, either by competitive bidding or negotiation made by the Contractor for work to be performed under a subcontract, including procurements of materials or equipment, each potential subcontractor or supplier shall be notified by the Contractor of the Contractor's obligations under this Contract and the Regulations relative to nondiscrimination on the ground of race, color, national origin or sex.

4. Information and Reports: The Contractor will provide all information and reports required by the Regulations, or orders and instructions issued pursuant thereto, and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Department of Transportation or the Federal Highway Administration to be pertinent to ascertain compliance with such Regulations, orders and instructions. Where any information required of a Contractor is in the exclusive possession of another who fails or refuses to furnish this information, the Contractor shall so certify to the Department of Transportation, or the Federal Highway Administration as appropriate, and shall set forth what efforts it has made to obtain the information.

5. Sanctions for Noncompliance: In the event of the Contractor's noncompliance with the nondiscrimination provisions of this Contract, the Department of Transportation shall impose such Contract sanctions as it or the Federal Highway Administration may determine to be appropriate, including, but not limited to:

   (a) withholding of payments to the Contractors under the Contract until the Contractor complies, and/or

   (b) Cancellation, termination or suspension of the Contract, in whole or in part.

6. Incorporation of Provisions: The Contractor will include the provisions of paragraph (1) through (6) in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Regulations, orders or instruction issued pursuant thereto. The Contractor will take such action with respect to any subcontract or procurement as the Department of Transportation or the Federal Highway Administration may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, however, that in the event a Contractor becomes involved in, or is threatened with, litigation with a subcontractor or supplier as result of such direction, the Contractor may request the State to enter into such litigation to protect the interests of the State, and, in addition, the Contractor may request the United States to enter into such litigation to protect the interest of the United States.

EXHIBIT E
TO CONTRACT AGREEMENT

STANDARD FEDERAL EQUAL OPPORTUNITY CONSTRUCTION CONTRACT SPECIFICATIONS (EXECUTIVE ORDER 11246) (43 CFR 14895) Not Applicable for this Contract.

EXHIBIT F
TO CONTRACT AGREEMENT
CERTIFICATION OF SPONSOR DRUG-FREE WORKPLACE (Bidder to sign and return)

I hereby certify that I am a principal and duly authorized representative of _____, ("Contractor"), whose address is _____, _____, _____ _____, and I further certify that:

(1) The provisions of Section 50-24-1 through 50-24-6 of the Official Code of Georgia Annotated, relating to the "Drug-Free Workplace Act" have been complied with in full; and

(2) A drug-free workplace will be provided for Contractor's employees during the performance of the Agreement; and

(3) Each Subcontractor hired by Contractor shall be required to ensure that the subcontractor's employees are provided a drug-free workplace. Contractor shall secure from that subcontractor the following written certification: "As part of the subcontracting agreement with Contractor, _____ certifies to Contractor that a drug-free workplace will be provided for the Subcontractor's employees during the performance of this Agreement pursuant to paragraph (7) of subsection (b) of the Official Code of Georgia Annotated, Section 50-24-3"; and

(4) The undersigned will not engage in unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana during the performance of the Agreement.

Date: _____

CONTRACTOR:
Signature: _____
Title: _____

EXHIBIT G
TO CONTRACT AGREEMENT
DBE REQUIREMENTS
Not Applicable to this project.

EXHIBIT H
TO CONTRACT AGREEMENT
CONTRACTOR
CERTIFICATION REGARDING DEBARMENT, SUSPENSION,
AND OTHER RESPONSIBILITY MATTERS AND INSTRUCTIONS
Not Applicable for this Contract

EXHIBIT I
TO CONTRACT AGREEMENT
LOWER TIER
CERTIFICATION REGARDING DEBARMENT, SUSPENSION,
AND OTHER RESPONSIBILITY MATTERS AND INSTRUCTIONS
Not Applicable for this Contract.

EXHIBIT J
TO CONTRACT AGREEMENT
CERTIFICATION OF CONTRACTOR
GEORGIA SECURITY AND IMMIGRATION COMPLIANCE ACT

I hereby certify that I am a principal and duly authorized representative of _____, ("Contractor"), whose address is _____, _____, _____ _____.

Contractor hereby agrees to comply with all applicable provisions and requirements of the Georgia Security and Immigration Compliance Act of 2006 (the "Act"), as codified in O.C.G.A. Sections 13-10-90 and 13-10-91 and regulated in Chapter 300-10-1 of the Rules and Regulations of the State of Georgia, "Public Employers, Their Contractors and Subcontractors Required to Verify New Employee Work Eligibility Through a Federal Work Authorization Program," accessed at *http://www.dol.state.ga.us*, as further set forth below.

Contractor agrees to verify the work eligibility of all of newly hired employees through the U.S. Department of Homeland Security's *Employment Eligibility Verification (EEV) / Basic Pilot Program*, accessed through the Internet at *https://www.vis-dhs.com/EmployerRegistration*, in accordance with the provisions and timeline found in O.C.G.A. 13-10-91 and Rule 300-10-1-.02 of the Rules and Regulations of the State of Georgia. As of July 1, 2007, the verification requirement applies to contractors and subcontractors with five-hundred (500) or more employees.

Contractor understands that the contractor and subcontractor requirements of the Act apply to contracts for, or in connection with, the physical performance of services within the State of Georgia.

Contractor understands that the following contract compliance dates set forth in the Act apply to the Contract Agreement, pursuant to O.C.G.A. 13-10-91:

On or after July 1, 2007, to public employers, contractors, or subcontractors of 500 or more employees;

On or after July 1, 2008, to public employers, contractors, or subcontractors of 100 or more employees; and

On or after July 1, 2009, to all other public employers, their contractors, and subcontractors.

To document the date on which the Act is applicable to Contractor, and to document Contractor's compliance with the Act, the undersigned agrees to initial one of the three (3) lines below indicating the employee number category applicable to Contractor, and to submit the indicated affidavit with the Contract Agreement if the Contractor has 500 or more employees.

Contractor has:

____ 500 or more employees [Contractor must register with the *Employment/Eligibility Verification/Basic Pilot Program* and begin work eligibility verification on July 1, 2007];

____ 100-499 employees [Contractor must register with the *Employment Eligibility Verification/Basic Pilot Program* and begin work eligibility verification by July 1, 2008]; or

____ 99 or fewer employees [Contractor must begin work eligibility verification by July 1, 2009].

Contractor further agrees to require O.C.G.A. Sections 13-10-90 and 13-10-91 compliance in all written agreements with any subcontractor employed by Contractor to provide services connected with the Contract Agreement, as required pursuant to O.C.G.A. 13-10-91.

Contractor agrees to obtain from any subcontractor that is employed by Contractor to provide services connected with the Contract Agreement, the subcontractor's indication of the employee number category applicable to the subcontractor.

Contractor agrees to secure from any subcontractor engaged to perform services under this Contract an executed "Subcontractor Affidavit," as required pursuant to O.C.G.A. 13-10-91 and Rule 300-10-1-.08 of the Rules and Regulations of the State of Georgia, which rule can be accessed at *http://www.dol.state.ga.us*.

Contractor agrees to maintain all records of the subcontractor's compliance with O.C.G.A. Sections 13-10-90 and 13-10-91 and Chapter 300-10-1 of the Rules and Regulations of the State of Georgia.

CONTRACTOR:

Date: _____ Signature: _____

Title: _____

EXHIBIT K
TO CONTRACT AGREEMENT INSURANCE REQUIREMENTS

Within 10 days of Notice of Award, and at all times that this Contract is in force, the Contractor shall obtain, maintain and furnish the City Certificates of Insurance from licensed companies doing business in the State of Georgia with an A.M. Best Rating A-10 or higher and acceptable to the City covering:

1. Workers' Compensation & Employer's Liability Insurance. Workers' Compensation Insurance in compliance with the applicable Workers' Compensation Act(s) of the state(s) wherein the work is to be performed or where jurisdiction could apply in amounts required by statutes. Employer's Liability Insurance, with limits of liability of not less than $1,000,000 per accident for bodily injury or disease.

2. Commercial General Liability Insurance, including contractual liability insurance, product and completed operations, personal and advertising injury, and any other type of liability for which this Contract applies with limits of liability of not less than $1,000,000 each occurrence / $2,000,000 policy aggregate for personal injury, bodily injury, and property damage. Commercial General Liability Insurance shall be written on an "occurrence" form.

3. Automobile Liability Insurance with limits of liability of not less than $1,000,000 per accident for bodily injury and property damage if automobiles are to be used in the delivery of or in the completion of services and work or driven onto the City's property. Insurance shall include all owned, non-owned and hired vehicle liability.

4. Umbrella Insurance with limits of liability excess of Employer's Liability Insurance, Commercial General Liability Insurance and Automobile Liability Insurance in the amount of not less than $3,000,000.

5. Contractors' Pollution Legal Liability and/or Asbestos Legal Liability and/or Errors and Omissions (if project involves environmental hazards) with limits not less than $1,000,000 per occurrence or claim, and $2,000,000 policy aggregate.

6. Professional (Errors and Omissions) Insurance- For Professional Services and for all Design/Build Projects with limits of liability of not less than $3,000,000 per occurrence or claim / $3,000,000 policy aggregate. Such policy shall also include coverage for losses arising from the breach of information security or cyber liability (including Errors & Omissions, Security and Privacy Liability and Media Liability), whether combined with the Professional Liability policy or placed as a separate policy, but carrying the same limits of liability. Such coverage shall insure damage, injury and loss caused by error, omission or negligent acts, including all prior acts without limitation, related to the professional services to be provided under this Contract. The policy shall be amended to include independent contractors providing professional services on behalf of or at the direction of the Contractor. The definition of Contractual Liability shall be amended to state that liability under a contract of professional services is covered. Further, coverage shall be afforded for fraudulent acts, misappropriation of trade secrets, internet professional services, computer attacks, personal injury, regulatory actions, wrongful acts, contractual liability, privacy policy, and insured versus insured. The Contractor shall ensure that coverage under this policy continues for a period of thirty-six (36) months after completion of services.

7. Fidelity Bond (Employee Dishonesty) in the sum of not less than $50,000.

All such insurance shall remain in effect until final payment is made and the Project is accepted by the City. If the Contractor receives notice of non-renewal or material adverse change of any of the required coverages, the Contractor shall promptly advise the City in writing. Failure of the Contractor to promptly notify the City

on non-renewal or material adverse change of any of the required coverages terminates the Agreement as of the date that the Contractor should have given notification to the City. The insurance policies shall contain or be endorsed to contain, the following provisions:

(a) A provision that coverage afforded under such policies shall not expire, be canceled or altered without at least thirty (30) days prior written notice to the City.
(b) Workers' Compensation and Employer's Liability and Property insurance policies shall contain a waiver of subrogation in favor of the City and the City's boards, officials, directors, officers, employees, representatives, agents, and volunteers.
(c) Commercial General Liability, Automobile Liability Contractors' Pollution Legal Liability and/or Asbestos Legal Liability and/or Errors and Omissions (if project involves environmental hazards) insurance policies shall include an endorsement making the City and the City's boards, officials, directors, officers, employees, representatives, agents, and volunteers Additional Insureds under such policies.

A copy of these endorsements shall be provided to the City.

Certificates of Insurance showing that such coverage is in force shall be filed under this Contract by the Contract or to the City.

The obligations for the Contractor to procure and maintain insurance shall not be construed to waive or restrict other obligations and it is understood that insurance in no way limits liability of the Contractor whether or not same is covered by insurance.

Certificate Holder should read: The City of Sandy Springs, 7840 Roswell Road, Building 500, Sandy Springs, Georgia 30350.

EXHIBIT L
TO CONTRACT AGREEMENT
SPECIAL PROVISION
Not Applicable for this Contract.

EXHIBIT M
TO CONTRACT AGREEMENT
NOTICE TO CONTRACTORS
COMPLIANCE WITH ELECTRICAL SAFETY PROVISIONS
(Bidder to sign and return)

I hereby certify that I am a principal and duly authorized representative of _____, ("Contractor"), whose address is _____, _____, _____ _____, and I further certify that:

(1) The provisions of Section 46-3-30 of the Official Code of Georgia Annotated, relating to the "High Voltage Safety Act" will be complied with in full; and

(2) The provisions of OSHA 29CFR1910.333(c) relating to work near high voltage power lines; and

(3) The provisions of Part 4 of the National Electrical Safety Code.

(3) The Contractor shall be required to ensure that each subcontractor hired is in compliance with the provisions listed above.

CONTRACTOR:

Date: _____ Signature: _____

Title: _____

APPENDICES

1. AFFIDAVITS

   Affidavit Verifying Status for City Public Benefit Application

   Contractor Affidavit Under O.C.G.A. §13-10-91(b(1)

2. CORPORATE CERTIFICATE

3. BONDS

4. LIST OF SUBCONTRACTORS

5. CERTIFICATE OF QUALIFICATION GEORGIA DEPARTMENT OF TRANSPORTATION

Affidavit Verifying Status
for City Public Benefit Application
(Bidder to sign and return)

By executing this affidavit under oath, as an applicant for a City of Sandy Springs, Georgia Business License or Occupation Tax Certificate, Alcohol License, Taxi Permit, execution of contract or other public benefit as referenced in O.C.G.A. Section 50-36-1, I am stating the following with respect to my application for a City of Sandy Springs license/permit and/or contract for

[Name of natural person applying on behalf of individual, business, corporation, partnership, or other private entity]

1) _____ I am a United States citizen

OR

2) _____ I am a legal permanent resident 18 years of age or older or I am an otherwise qualified alien or non-immigrant under the Federal Immigration and Nationality Act 18 years of age or older and lawfully present in the United States.*

In making the above representation under oath, I understand that any person who knowingly and willfully makes a false, fictitious, or fraudulent statement or representation in an affidavit shall be guilty of a violation of Code Section 16-10-20 of the Official Code of Georgia.

Signature of Applicant: _____ Date: _____

Printed Name: _____

*Alien Registration number for non-citizens _____

****PLEASE INCLUDE A COPY OF YOUR PERMANENT RESIDENT CARD, EMPLOYMENT AUTHORIZATION, GREEN CARD, OR PASSPORT WITH A COPY OF YOUR DRIVER'S LICENSE IF YOU ARE A LEGAL PERMANENT RESIDENT (#2).**

SUBSCRIBED AND SWORN BEFORE ME ON THIS THE _____ DAY OF _____.

Notary Public: _____

My Commission Expires: _____

*Note: O.C.G.A. § 50-36-1(e)(2) requires that aliens under the federal Immigration and Nationality Act, Title 8 U.S.C., as amended, provide their alien registration number. Because legal permanent residents are included in the federal definition of "alien", legal permanent residents must also provide their alien registration number. Qualified aliens that do not have an alien registration number may supply another identifying number below:

_____

Contractor Affidavit under O.C.G.A. § 13-10-91(b)(1) (Bidder to sign and return)

By executing this affidavit, the undersigned contractor verifies its compliance with O.C.G.A. § 13-10-91, stating affirmatively that the individual, firm or corporation which is engaged in the physical performance of services on behalf of the City of Sandy Springs has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. § 13-10-91. Furthermore, the undersigned contractor will continue to use the federal work authorization program throughout the contract period and the undersigned contractor will contract for the physical performance of services in satisfaction of such contract only with subcontractors who present an affidavit to the contractor with the information required by O.C.G.A. § 13-10-91(b). Contractor hereby attests that its federal work authorization user identification number and date of authorization are as follows:

_____

Federal Work Authorization User Identification Number

_____

Date of Authorization

_____

Name of Contractor

_____

Name of Project

_____

Name of Public Employer

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on _____ in _____ (city), _____ (state).

_____

Signature of Authorized Officer or Agent

_____

Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME
ON THIS THE _____ DAY OF _____

_____

NOTARY PUBLIC

My Commission Expires: _____

CORPORATE CERTIFICATE

I, _____ , certify that I am the Secretary of the Corporation named as Contractor in th foregoing bid; that _____ who signed said bid in behalf of the Contractor, was

then (title)_____ of said Corporation; that said bid was duly signed for and in behalf of said Corporation by authority of its Board of Directors, and is within the scope of its corporate powers; that said Corporation is organized under the laws of the State of ___Georgia_____.
This _____ day of _____, 2018.

(Seal)

_____
(Signature)

BID BOND
(BID BOND TO BE RETURNED WITH BID)

KNOW ALL MEN BY THESE PRESENTS, THAT _____

_____

(Name of Contractor)_____
(Address of Contractor) at

_____

(Corporation, Partnership and or Individual) hereinafter called Principal, and _____

_____
(Name of Surety)

_____
(Address of Surety

A corporation of the State of _____, and a surety authorized by law to do business in the State of Georgia, hereinafter called Surety, are held and firmly bound unto

City of Sandy Springs Georgia
1 Galambos Way, Sandy Springs, Georgia 30328

herein after referred to as Obligee, in the penal sum of_____ Dollars ($ _____) in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

WHEREAS, the Principal is about to submit, or has submitted, to the City of Sandy Springs, Georgia, a proposal for furnishing materials, labor and equipment for:

ITB 19-014 Powers Ferry Rd NW & Dudley Lane Resurfacing

WHEREAS, the Principal desires to file this Bond in accordance with law in lieu of a certified Bidder's check otherwise required to accompany this Proposal.

NOW, THEREFORE, the conditions of this obligation are such that if the bid is accepted, the Principal shall within ten days after receipt of notification of the acceptance execute a Contract in accordance with the Bid and upon the terms, conditions, and prices set forth in the form and manner required by the City of Sandy Springs, Georgia, and execute a sufficient and satisfactory Performance Bond and Payment Bond payable to the City of Sandy Springs, Georgia, each in an amount of 100% of the total Contract Price, in form and with security satisfactory to said the City of Sandy Springs, Georgia, and otherwise, to be and remain in full force and virtue in law; and

the Surety shall, upon failure of the Principal to comply with any or all of the foregoing requirements within the time specified above, immediately pay to the City of Sandy Springs, Georgia, upon demand, the amount hereof in good and lawful money of the United States of America, not as a penalty, but as liquidated damages.

PROVIDED, FURTHER, that Principal and Surety agree and represent that this bond is executed pursuant, to and in accordance with the applicable provisions of the Official Code of Georgia Annotated, as Amended, including, but not limited to, O.C.G.A. § 36-91-1, et. seq., and is intended to be and shall be constructed as a bond in compliance with the requirements thereof.

Signed, sealed, and dated this _____ day of _____A.D., 20____

ATTEST:

_____ _____

(Principal Secretary) (Principal)

(SEAL) BY: _____

_____ _____

(Witness to Principal) (Address)

_____

(Address)

_____

(Surety)

ATTEST

BY: _____

(Attorney-in-Fact) and Resident Agent

_____

(Attorney-in-Fact)

(Seal)

_____

(Address)

_____

(Witness as to Surety)

_____

(Address)

_____

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS: THAT

_____
(Name of Contractor)

_____
(Address of Contractor)

a _____
(Corporation, Partnership or Individual)

_____

Hereinafter called Principal, and

_____
(Name of Surety)

_____
(Address of Surety)

A Corporation of the State of _____ and a surety authorized by law to do business in the State of Georgia, hereinafter called Surety, are held and firmly bound unto

The City of Sandy Springs. Georgia
1 Galambos Way, Sandy Springs, Ga. 30328

hereinafter referred to as Obligee; are held firmly bound unto said Obligee and all persons doing work or furnishing skill, tools, machinery, supplies, or material under or for the purpose of the Contract hereinafter referred to, in the penal sum of:
_____Dollars ($ _____) in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

The condition of this obligation is such, as whereas the Principal entered into a certain contract, hereto attached, with the Obligee, dated for:

ITB 19-014 Powers Ferry Rd NW & Dudley Lane Resurfacing

NOW THEREFORE, the conditions of this obligation are such that if the above bound Principal shall well, truly, fully and faithfully perform said contract according to its terms, covenants, conditions, and agreements of said contract during the original term of said contract and any extensions thereof that may be granted by the oblige, with or without notice to the Surety, and during the life of any guaranty required under the contract, and shall also well and truly perform and fulfill all the undertakings, covenants, terms, conditions and agreement of any and all duly authorized modifications of said contract that may hereafter be made, then his obligation shall be void, otherwise to remain in full force and effect.

PROVIDED FURTHER, that said Surety to this Bond, for value received, hereby stipulates and agrees that no change, extension of time, alterations, or additions to the terms of the Contract or to the Work to be performed thereunder shall in any way affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alterations, or additions to the terms of the Contract or to the work to be performed hereunder.

PROVIDED, FURTHER, that Principal and Surety agree and represent that this bond is executed pursuant to and in accordance with the applicable provisions of the Official Code of Georgia Annotated, as Amended, including but not limited to, O.C.G.A. § 36-91-1 et. seq., and is intended to be and shall be construed as a bond in compliance with the requirements thereof.

Signed, sealed, and dated this _____ day of _____A.D., 20____

ATTEST:

_____ _____

(Principal Secretary) (Principal)

(SEAL)

BY: _____

_____

(Witness to Principal)

_____

(Address)

_____

(Surety)

ATTEST BY:

_____

Attorney-in-Fact) and Resident Agent

_____

(Attorney-in-Fact)

(Seal)

(Address) _____

_____

(Witness as to Surety)

_____

(Address)

PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS: THAT _____
(Name of Contractor)

_____
(Address of Contractor)

a _____
(Corporation, Partnership or Individual)

_____
Hereinafter called Principal, and

_____
(Name of Surety)

_____
(Address of Surety)

a Corporation of the State of _____ and a surety authorized by law to do business in the State of Georgia, hereinafter called Surety, are held and firmly bound unto

The City of Sandy Springs Georgia
1 Galambos Way, Sandy Springs, Georgia 30328

hereinafter referred to as Obligee; for the use and protection of all subcontractors and all persons supplying labor, services, skill, tools, machinery, materials and/or equipment in the prosecution of the work provided for in the contract herein after referred to in the full and just sum of _____Dollars ($_____) in lawful money of the United States, for the payment of which sum well and truly to be made, the Principal and Surety bind themselves, their, and each of their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

The condition of this obligation is such, as whereas the Principal entered into a certain contract hereto attached, with the Obligee, dated _____ for:

ITB 19-014 Powers Ferry Rd NW & Dudley Lane Resurfacing

NOW, THEREFORE, the conditions of this obligation are such that if the Principal shall well, truly, and faithfully perform said Contract in accordance to its terms, covenants, and conditions, and shall promptly pay all persons furnishing labor, materials, services, skill, tools, machinery and/or equipment for use in the performance of said Contract, then this obligation shall be void; otherwise, it shall remain in full force and effect.

All persons who have furnished labor, materials, services, skill, tools, machinery and/or equipment for use in the performance of said Contract shall have a direct right of action on this Bond, provided payment has not been made in full within ninety (90) days after the last day on which labor was performed, materials, services, skill, tools, machinery, and equipment furnished

or the subcontract completed.

PROVIDED FURTHER, that said Surety to this Bond, for value received, hereby stipulates and agrees that no change, extension of time, alterations, or additions to the terms of the Contract or to the Work to be performed there under shall in any way affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alterations, or additions to the terms of the Contract or to the work to be performed there under.

PROVIDED, HOWEVER, that no suit or action shall be commenced hereunder by any person furnishing labor, materials, services, skill, tools, machinery, and/or equipment having a direct contractual relationship with a subcontractor, but no contractual relationship express or implied with the Principal:

Unless such person shall have given notice to the Principal within One Hundred and Twenty (120) days after such person did, or performed the last of the work or labor, or furnished the last of the materials, services, skill, tools, machinery and/or equipment for which claim is made, stating with substantial accuracy the amount claimed and the name of the party to whom the materials, services, skill, tools, machinery and/or equipment were furnished, or for whom the work or labor was done or performed. Such a notice shall be served by mailing the same by registered mail, postage prepaid, in an envelope addressed to the Principal, at any place where an office is regularly maintained for the transaction of business, or served in any manner in which legal process may be served in the State in which the aforesaid project is located, save that such service need not be made by a public officer, and a copy of such notice shall be delivered to the Obligee, to the person and at the address provided for in the Contract, within five (5) days of the mailing of the notice to the Principal.

PROVIDED, FURTHER, that any suit under this bond must be instituted before the expiration of one (1) year after the acceptance of the public works covered by the Contract by the proper authorities.

PROVIDED, FURTHER, that Principal and Surety agree and represent that this bond is executed pursuant to and in accordance with the applicable provisions of the Official Code of Georgia Annotated, as Amended, including, but not limited to, O.C.G.A. § 36-91-1, et. seq., and is intended to be and shall be construed as a bond in compliance with the requirements thereof.

Signed, sealed, and dated this _____ day of _____A.D., 20____

ATTEST:

_____ _____

(Principal Secretary) (Principal)

(SEAL) BY: _____

_____ _____

(Witness to Principal)

_____
(Address)

ATTEST

_____
(Attorney-in-Fact)

(Seal)

_____
(Address)

_____
(Witness as to Surety)

_____
(Address)

_____

(Address)

_____
(Surety)

BY: _____
(Attorney-in-Fact) and Resident Agent

MAINTENANCE BOND

CITY OF SANDY SPRINGS, GEORGIA
PROJECT NO: FULTON COUNTY, GEORGIA BOND NO: _____

KNOW ALL MEN BY THESE PRESENTS
That we,_____ as Principal, and
_____ as Surety, are held and firmly bound unto the CITY OF SANDY SPRINGS, GEORGIA, as Obligee in the sum of 1/3 of the contract bid for the payment of which said Principal and Surety bind themselves, their heirs, administrators, executors, successors and assigns jointly and severally, firmly by these presents.

WHEREAS, the Principal has entered into an agreement with the City of Sandy Springs for

ITB 19-014 Powers Ferry Rd NW & Dudley Lane Resurfacing

and said work has now been completed and the Obligee desires a maintenance bond guarantee said streets and improvements for a period of one (1) year beginning _____ and ending _____.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the Principal shall fully indemnify and save harmless the City of Sandy Springs from any and all loss, costs, expenses or damages, for any repairs or replacements required because of defective workmanship or materials in said construction, then this obligation shall be null and void; otherwise to be and remain in full force and effect as to any such claim arising within one (1) year from the completion of said construction as set forth in said agreement.

Signed, sealed and dated this_____ day of _____, 20 _____

Witness:

_____
(Principal)

_____
(Name of Surety. Company)

_____
(Attorney-in-fact)

LIST OF SUBCONTRACTORS
(Bidder to complete and return)

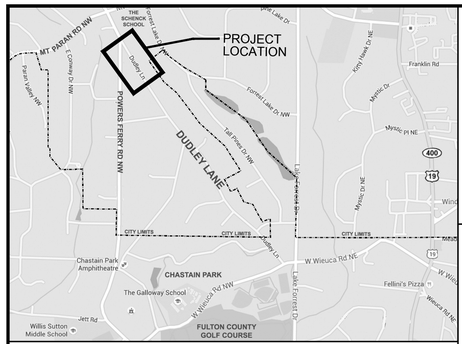
I do _____, do not _____, propose to subcontract some of the work on this project. I propose to
Subcontract work to the following subcontractors:

Company Name:_____

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	N/A	1	9

CITY OF SANDY SPRINGS
DEPARTMENT OF PUBLIC WORKS
FULTON COUNTY, GEORGIA

CONSTRUCTION PLANS FOR
DUDLEY LANE AND POWERS FERRY ROADWAY MILLING AND PAVING PROJECT
(LOCATED AT DUDLEY LANE AND POWERS FERRY ROAD INTERSECTION)



LOCATION SKETCH NTS

DUDLEY LANE AND POWERS FERRY ROAD ROADWAY MILLING AND PAVING PROJECT		
Sheet Number	Description	Drawing Number
1	Cover	1-01
2	General Notes	4-01
3	Summary of Quantities	6-01
4	Mainline Plan	13-01
5	Pavement Profiles	33-01
GEORGIA DOT CONSTRUCTION DETAILS		
6	T-11A Pavement Marking Placement	
GEORGIA DOT STANDARDS		
7	9100 Standard Traffic Control (8-1999)	
8	9102 Standard Traffic Contol Detail (7-1999)	
9	9107 Standard Traffic Control Detail (7-1999)	

SANDY SPRINGS
GEORGIA

CITY OF SANDY SPRINGS

MAYOR, RUSTY PAUL
CITY COUNCIL DISTRICT 1: JOHN PAULSON
CITY COUNCIL DISTRICT 2: KEN DISHMAN
CITY COUNCIL DISTRICT 3: CHRIS BURNETT
CITY COUNCIL DISTRICT 4: GABRIEL STERLING
CITY COUNCIL DISTRICT 5: TIBERIO "TIBBY" DEJULIO
CITY COUNCIL DISTRICT 6: ANDY BAUMAN
CITY MANAGER: JOHN MCDONOUGH

FUNCTIONAL CLASS:
MINOR STREET

THIS PROJECT IS 100% IN FULTON COUNTY AND IS 100% IN CONGRESSIONAL DISTRICT NUMBER 11.

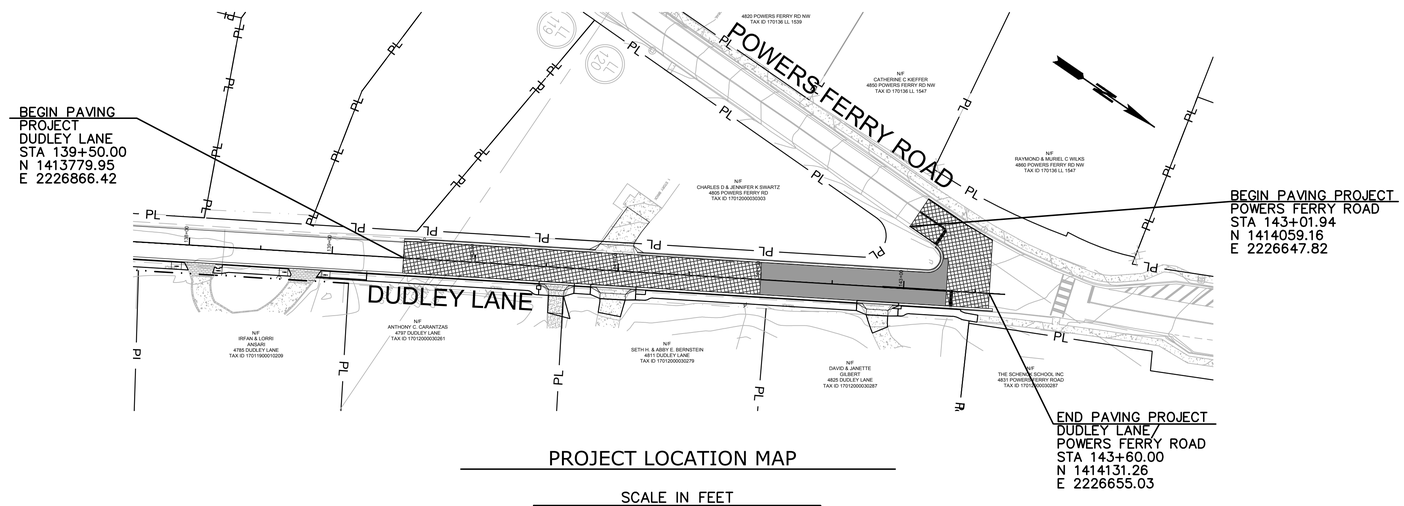
LAND DISTRICT NUMBER: 17
LAND LOT: 119,120

SPEED LIMIT: 25 MPH
SPEED DESIGN: 25 MPH

DESIGNED IN ENGLISH UNITS.

THIS PROJECT HAS BEEN PREPARED USING THE HORIZONTAL GEORGIA COORDINATE SYSTEM OF (NAD83)/11 WEST ZONE, AND THE NORTH AMERICAN VERTICAL DATUM (NAVD) OF 1988.

THIS PROJECT HAS BEEN DESIGNED TO COMPLY WITH TITLE II PROVISIONS OF THE AMERCIANS WITH DISABILITY ACT (ada).



PROJECT LOCATION MAP

SCALE IN FEET
0 50 100 200

LENGTH OF PROJECT	DUDLEY LANE
NET LENGTH OF ROADWAY	0.07 MILES
NET LENGTH OF BRIDGES	—
NET LENGTH OF PROJECT	0.07 MILES
NET LENGTH OF EXCEPTION	—
GROSS LENGTH OF PROJECT	0.07 MILES

ATKINS
1600 RIVEREDGE PARKWAY, NW, SUITE 700
ATLANTA GEORGIA 30328
PH: 770.933.0280

DATE PUBLIC WORKS DIRECTOR

PLANS COMPLETED – FEBRUARY 16, 2018
REVISIONS
DESIGN REVIEW –

DATA FOR THIS PROJECT WAS ACQUIRED BY SURVEY BY ATKINS DATED JULY AND AUGUST 2016.

THE DATA, TOGETHER WITH ALL OTHER INFORMATION SHOWN ON THESE PLANS OR IN ANYWAY INDICATED THEREBY, WHETHER BY DRAWINGS OR NOTES, OR IN ANY OTHER MANNER, ARE BASED UPON FIELD INVESTIGATIONS AND ARE BELIEVED TO BE INDICATIVE OF ACTUAL CONDITIONS. HOWEVER, THE SAME ARE SHOWN AS INFORMATION ONLY, ARE NOT GUARANTEED, AND DO NOT BIND THE DEPARTMENT OF TRANSPORTATION IN ANY WAY. THE ATTENTION OF BIDDER IS SPECIFICALLY DIRECTED TO SUBSECTIONS 102.04, 102.05, AND 104.03 OF THE SPECIFICATIONS.

811
Know what's below
Call before you dig

GEORGIA REGISTERED No. LA000760 02-16-2018 LANDSCAPE ARCHITECT JOHN D BOUDREAU

M:\COSS - Task Order 16-024 - Dudley Lane Sidewalk Project\CAD\Dudley Paving Plans\01 COVER.dwg Mar 05, 2018 - 2:12pm haye8741

ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	N/A	2	9

GENERAL NOTES:

1. ALL CONSTRUCTION IS TO BE IN ACCORDANCE WITH GDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION OF TRANSPORTATION SYSTEMS, 2013 EDITION.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL SITE DEBRIS (ROADWAY SLAB, ROCKS, ETC) TO CONSTRUCT PROPOSED ROADWAY.

3. THE COST FOR REMOVAL AND DISPOSAL OF EXISTING CONCRETE, EXISTING ASPHALT PAVEMENT, AND EXISTING CONSTRUCTION DEBRIS ITEMS TO BE INCLUDED IN THE BID PRICE FOR 'GRADING COMPLETE'.

4. CONTRACTOR SHALL NOTIFY CALL-BEFORE-YOU-DIG PHONE # 811 AND HAVE UTILITY LOCATOR SERVICE LOCATE ALL UTILITIES IN PROJECT AREA PRIOR TO BEGINNING CONSTRUCTION.

5. THE EXISTING UTILITY LINES SHOWN ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS PRIOR TO ANY CONSTRUCTION. DAMAGE TO EXISTING UTILITY LINES RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND PAY FOR ALL RELOCATION AND/OR RECONSTRUCTION OF EXISTING UTILITIES NECESSARY TO PERFORM THE WORK AS SHOWN ON THE PLANS.

7. THE CONTRACTOR WILL BE RESPONSIBLE FOR PREPARING THE MEASUREMENTS TO MANAGE TRAFFIC DURING CONSTRUCTION ACTIVITIES. THE PLAN SHALL CONFORM TO THE 2009 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICE AND GDOT SPECIFICATIONS ISO. ANY LANE CLOSURES MUST BE APPROVED BY AND COORDINATED WITH THE CITY PUBLIC WORKS DEPARTMENT. LANE CLOSURES WILL REQUIRE PROPER LANE TAPERS AND ADVANCE WARNINGS PER GEORGIA DOT STANDARDS.

8. CONTRACTOR IS TO PROVIDE TEMPORARY WALKS, TEMPORARY SIGNS, AND/OR OTHER MEANS AS NECESSARY TO INSURE SAFETY AND UNINTERRUPTED OF FLOW OF PEDESTRIAN AND VEHICULAR TRAFFIC AT ALL TIMES DURING CONSTRUCTION.

9. EXISTING TRAFFIC SIGNALS SHALL REMAIN OPERABLE AT ALL TIMES. CONTACT THE CITY OF SANDY SPRINGS TRAFFIC ENGINEER PRIOR TO BEGINNING WORK.

10. SIGNAL, MARKING AND TRAFFIC CONTROL SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.

11. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO OR CONCURRENT WITH LAND DISTURBANCE ACTIVITIES AND SHALL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON SITE INSPECTION OR AS DIRECTED BY THE ENGINEER.

12. HORIZONTAL CONTROL IS BASED UPON GEORGIA STATE PLANE COORDINATE SYSTEM. SEE PLANS FOR LOCATIONS OF MONUMENTS USED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION LAYOUT. REFER TO SECTION 149 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COST INCURRED TO COMPLY WITH THIS REQUIREMENT.

13. ALL EXISTING MANHOLES, VALVES, WATER METERS, FIRE HYDRANTS, SURVEY POINTS/BENCH MARKS ETC., AND OTHER UTILITIES LOCATED WITHIN THE AREAS WHERE THE ROADWAY IS TO BE CONSTRUCTED SHALL BE ADJUSTED TO GRADE OR RELOCATED. THE TOPS OF THESE OBJECTS MUST REMAIN ACCESSIBLE AND FLUSH WITH THE TOP OF THE PROPOSED ROADWAY OR FINISHED GRADE. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ADJUSTMENTS AND RELOCATIONS WITH UTILITY OWNERS.

14. ALL DRAINAGE STRUCTURES AND PIPES SHALL BE MAINTAINED UNLESS OTHERWISE NOTED.

15. A NOTICE OF INTENT (NOI) IS NOT REQUIRED FOR THIS PROJECT.

16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIAL TESTING IN ACCORDANCE WITH THE GDOT SAMPLING, TESTING, AND INSPECTION GUIDE.

17. ALL NEWLY CONSTRUCTED CONCRETE CURB AND GUTTER AND DRIVEWAY APRONS SHALL BE PROTECTED IN PLACE. ANY DAMAGE OCCURRED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

18. THE CONTRACTOR IS RESPONSIBLE FOR ORGANIZING AND SEQUENCING THE DEMOLITION AND CONSTRUCTION OF MILLING AND ROADWAY FULL DEPTH REPLACEMENT. AFTER BEING AWARDED THE CONTRACT, THE CONTRACTOR IS TO PROVIDE A CONSTRUCTION SCHEDULE AND TRAFFIC CONTROL PLAN TO THE CITY FOR THEIR APPROVAL PRIOR TO BEGINNING ANY WORK.

GRADING AND DRAINAGE NOTES:

1. ALL STRUCTURAL FILL AREAS TO BE CONSTRUCTED IN ACCORDANCE WITH GDOT STANDARDS.

2. IF EXCAVATED MATERIAL IS UNSUITABLE FOR COMPACTION, AS DETERMINED BY THE SOILS TESTING LABORATORY. THE CONTRACTOR SHALL FURNISH SUITABLE BORROW.

3. CUT OR FILL, SHALL BE GRADED AS NOTED, OR INDICATED IN PLANS, TYPICAL SECTIONS, AND ROAD PROFILES.

4. SITE SHALL BE GRADED TO PROVIDE POSITIVE DRAINAGE OF SURFACE WATER FROM ALL PAVING AND PLANTED AREAS. ALL NEW PAVED AREAS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO FINAL TOP COAT PAVING.

5. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL SURFACE AND GROUNDWATER CONTROL MEASURES.

6. GRADES NOT OTHERWISE INDICATED ON THE PLANS SHALL BE UNIFORM LEVELS OR SLOPES BETWEEN POINTS WHERE ELEVATIONS ARE GIVEN, ABRUPT CHANGES IN SLOPES SHALL BE WELL ROUNDED, MAXIMUM SLOPES SHALL COMPLY WITH ADA GUIDELINES.

7. ALL SILT BARRIERS SHALL BE PLACED AS ACCESS IS OBTAINED DURING CLEARING. NO GRADING SHALL BE DONE UNTIL THE TREE PROTECTION AND SILT BARRIERS ARE IN PLACE.

8. EXISTING TREES SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES. CARE SHALL BE TAKEN IN ALL GRADING ACTIVITIES TO REMAIN OUTSIDE THE DRIP LINES OF EXISTING TREES. ALL TREE PROTECTION FENCING TO BE INSPECTED DAILY AND REPLACED OR REPAIRED AS NEEDED.

9. ALL SOILS UNDERCUTTING, OVER EXCAVATION AND UNDERDRAIN INSTALLATION SHALL BE DETERMINED AND DIRECTED BY THE SOILS ENGINEER.

10. EXISTING DRAINAGE STRUCTURES THAT ARE AFFECTED WITH THE PROJECT ARE TO BE INSPECTED AND REPAIRED AS NEEDED. EXISTING PIPES TO REMAIN ARE TO BE CLEANED OUT OF ALL SILT AND DEBRIS. PRICE IS TO BE INCLUDED IN "GRADING COMPLETE".

11. THE CONTOUR INTERVAL IS ONE FOOT OR AS SHOWN.

12. THE ELEVATION OF MANHOLE/INLET TOPS ARE TO BE AT THE FINISHED ELEVATION OF THE PAVEMENT. THE DEFINITION OF THE TYPE OF TOP IS AS LISTED:
WEIR INLET - THROAT - THE ELEVATION OF THE POINT AT WHICH WATER PASSES INTO THE BOX.
DROP INLET - GRATE - THE TOP MOST PART OF THE FRAME AND GRATE.
CATCH BASIN - THROAT - THE ELEVATION OF THE POINT AT WHICH WATER PASSES INTO THE BOX.
MANHOLE - TOP - THE TOP MOST PART OF THE RIM AND COVER CASTINGS.

13. THE CONTRACTOR SHALL PROVIDE TO THE CITY RECORD DRAWINGS OF AS-BUILT CONDITIONS AT THE COMPLETION OF THIS PROJECT, INCLUDING DRAINAGE INVERTS AND ADJUSTED STORM PROFILES.

14. UTILITY TRENCHES SHALL BE DEWATERED AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER AND THE SPECIFICATIONS, APPROVED MEASURES SHALL BE TAKEN TO INSURE THE PROPER INSTALLATION OF THE PIPING SYSTEM. THE CONTRACTOR SHALL HOLD THE OWNER AND THE ENGINEER HARMLESS FOR ADDITIONAL COSTS FOR DE-WATERING AND BACKFILL LABOR AND MATERIALS. CONTRACTOR IS TO PROVIDE GEOTECHNICAL SERVICES.

15. EXISTING CONTOUR AND SURVEY INFORMATION IS FOR REFERENCE USE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING UNDERGROUND UTILITY LOCATIONS PRIOR TO CONSTRUCTION AND DEMOLITION.

16. AS PART OF GRADING COMPLETE, THE CONTRACTOR IS RESPONSIBLE TO BRING ON SITE ALL NECESSARY FILL MATERIAL TO CONSTRUCT THE PROJECT. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR REMOVAL OF EXCESS MATERIAL OFF SITE.

17. FOR EROSION CONTROL MEASURES, THE CONTRACTOR SHALL PROVIDE COMPOST FILTER SOCKS EVERY 20'-30' OR AS DIRECTED BY THE ENGINEER. THE COMPOST FILTER SOCKS SHOULD BE PERPENDICULAR TO THE SIDEWALK/ROADWAY FOR ALL DISTURBED AREAS. COMPOST FILTER SOCKS SHOULD BE REUSED AND RELOCATED AFTER WORK IS COMPLETED AND STABILIZED AS WORK PROGRESSES ONE BLOCK AT A TIME.

LANDSCAPE PLANTING NOTES:

1. PRIOR TO CONSTRUCTION COMMENCING, THE CONTRACTOR SHALL COORDINATE MEETING WITH CITY PROJECT MANAGER AND ARBORIST TO CONFIRM REMOVAL OF ALL TREES WITHIN THE PROJECT LIMITS.

2. THE TREES THAT ARE TO REMAIN WITHIN THE PROJECT MAY REQUIRE SELECTIVE PRUNING BY A CERTIFIED ARBORIST TO PROVIDE A MIN OF 8' CLEARANCE.

3. ALL TREE PRUNING AND REMOVAL IS TO BE COMPLETED BY A CERTIFIED ARBORIST.

4. AS PART OF THIS CONTRACT, THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH THE SPECIAL PROVISIONS AND SPECIFICATIONS INCLUDING THE GRASSING (SECTION 700), THE VINE, SHRUB, AND TREE PLANTING (SECTION 702). THE CONTRACTOR SHALL BE AWARE OF THE REQUIREMENTS ASSOCIATED WITH QUALITY ACCEPTANCE, INSPECTIONS, GUARANTEE, CONTRACTOR WARRANTY, MAINTENANCE, AND PAYMENT OF LANDSCAPE PLANT MATERIAL.

5. ALL REPLACEMENT PLANTS MUST BE HEALTHY, VIGOROUS MATERIAL, FREE OF PESTS & DISEASES.

6. ALL PLANTS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT & THE OWNER BEFORE, DURING & AFTER INSTALLATION UNTIL THE DATE OF FINAL ACCEPTANCE.

7. PRIOR TO CONSTRUCTION, THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES & SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF THE WORK. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY & ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF THE LANDSCAPE CONSTRUCTION.

8. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE SITE (INCLUDING, BUT NOT LIMITED TO: WEEDING, WATERING, SPRAYING, MOWING, MULCHING, FERTILIZING, ETC.) OF PLANTING AREAS & LAWNS UNTIL THE WORK IS ACCEPTED IN TOTAL BY THE LANDSCAPE ARCHITECT & THE OWNER.THE CONTRACTOR IS RESPONSIBLE FOR THE FULL WARRANTY OF ALL THE PLANT MATERIAL UNTIL FINAL ACCEPTANCE.

9. THE CONTRACTOR SHALL COMPLETELY GUARANTEE AND MAINTAIN ALL PLANT MATERIAL UNTIL FINAL ACCEPTANCE HAS BEEN PROVIDED BY THE OWNER OR THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS IN ACCORDANCE WITH GDOT SPECIFICATIONS SECTION 702 (AS PER DIRECTION OF THE OWNER'S REPRESENTATIVE). THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING (WATERING, PRUNING, FERTILIZING AND SPRAYING) OF ALL PLANT MATERIAL INSTALLED.

10. ANY PLANT MATERIAL WHICH DIES, TURNS BROWN OR DEFOLIATES (PRIOR TO FINAL ACCEPTANCE OF THE WORK AND DURING THE COURSE OF THE GUARANTEE PERIOD) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUALITY AND SIZE AND MEETING ALL PLANT LIST SPECIFICATIONS.

11. ALL PLANT MATERIAL SHALL CONFORM WITH THE LATEST EDITION OF "AMERICAN STANDARDS FOR NURSERY STOCK" BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION. ALL PLANT MATERIAL SHALL MEET OR EXCEED THE SPECIFICATIONS OF THE FEDERAL, STATE, AND COUNTY LAWS REQUIRING INSPECTION FOR DISEASE AND INSECT CONTROL. ONE PLANT OF EACH SPECIES SHALL BE PROVIDED FOR THE OWNER'S REVIEW WITH THE NAME AND SIZE OF THE PLANT IN ACCORDANCE WITH THE STANDARDS OF PRACTICE FOR THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION, INC. (ANLA). BOTANICAL NAMES SHALL TAKE PRECEDENCE OVER COMMON NAMES.

12. ALL LAWN AREAS AND PLANTING PITS SHALL BE FREE OF ROCKS, GRAVEL, AND OTHER DEBRIS. THE CONTRACTOR SHALL PROVIDE PLANT MIXTURE IN ACCORDANCE WITH DETAILS AND SPECIFICATIONS. ALL PLANTING PITS SHALL BE PREPARED IN ACCORDANCE WITH THE PLANTING DETAILS.

13. ALL EXISTING TURF AND VEGETATION SHALL BE STRIPPED AND REMOVED PRIOR TO THE INSTALLATION OF ANY TURF OR PLANT MATERIAL.REMOVE ALL IVY FROM EXISTING TREES WITHIN THE PROJECT LIMITS. CONTRACTOR TO FIELD VERIFY PRIOR TO BID.

14. IF GRASS SEEDING IS DONE AT A TIME THAT IS NOT THE APPROPRIATE PLANTING SEASON, TEMPORARY GRASSING SHALL BE USED. TEMPORARY GRASSING SHALL BE WINTER (ANNUAL) RYE. THE CONTRACTOR SHALL THEN BE RESPONSIBLE FOR SODDING ALL TURF AREAS AS SPECIFIED ON THE PLAN DURING THE NEXT APPROPRIATE PLANTING SEASON.

15. ALL DISTURBED AREAS SHALL BE SODDED WITH BERMUDA SOD TIFFWAY 419 OR APPROVED EQUAL UNLESS INDICATED OTHERWISE ON THE PLANS. CONTRACTOR IS TO PROVIDE A VIGOROUS STAND OF TURF, FREE FROM DISEASE AND / OR WEEDS.

16. ALL SLOPES THAT ARE GREATER THAN 3:1 SHALL BE STABILIZED WITH EROSION CONTROL FABRIC PRIOR TO PLANTING. EROSION CONTROL FABRIC SHALL BE OF THE TYPE THAT DECOMPOSES AFTER 18 MONTHS TO 2 YEARS.

17. DO NOT SCALE FROM DRAWINGS.

CITY OF SANDY SPRINGS GENERAL TRANSPORTATION NOTES

1. ALL TRAFFIC CONTROL AND WARNING DEVICES MUST BE SHOWN AND PLACED PER THE MUTCD. THE TRAFFIC CONTROL PLAN IS SUBJECT TO CHANGE BY THE SANDY SPRINGS TRAFFIC ENGINEER.

2. TEMPORARY TRAFFIC CONTROL AND WARNING DEVICES SHALL BE PLACED PRIOR TO THE COMMENCEMENT OF ANY ROAD IMPROVEMENT WORK ON CITY ROADS AND SHALL REMAIN IN PLACE UNTIL THE CONCLUSION OF ALL SIGNING AND STRIPING WORK.

3. ALL SIGNS SHALL CONFORM TO THE MUTCD STANDARDS AND SANDY SPRINGS STANDARDS FOR COLOR, SIZE, REFLECTIVITY, HEIGHT, AND PLACEMENT.

4. STRIPING (WHITE AND YELLOW) AND ARROW MARKINGS SHALL BE APPLIED USING GDOT STANDARDS FOR THERMOPLASTIC STRIPING.

5. WHEN NECESSARY, EXISTING STRIPING SHALL BE REMOVED BY HYDROBLASTING UNLESS SPECIFIED BY THE SANDY SPRINGS TRAFFIC ENGINEER.

6. ALL FINAL SIGNAGE MUST BE INSTALLED CONCURRENTLY WITH THE PERFORMANCE OF THE STRIPING WORK.

7. CONTACT THE SANDY SPRINGS TRAFFIC ENGINEER (770-730-5600) ONE WEEK PRIOR TO COMMENCEMENT OF ANY STRIPING WORK.

8. A CITY OF SANDY SPRINGS UTILITY PERMIT IS REQUIRED FOR ANY CONSTRUCTION WITHIN THE ROW. REFER TO THE CITY'S UTILITY PERMIT POLICY FOR REQUIREMENTS.

9. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF THE AS-BUILT STATUS OF DOWNSTREAM DRAINAGE IMPROVEMENTS PRIOR TO BEGINNING CONSTRUCTION AND ADVISE THE ENGINEER OF ANY DIFFERENCES NOTED BETWEEN FIELD CONDITIONS AND WHAT IS DEPICTED ON THE CONSTRUCTION DOCUMENTS.

10. SAWCUT MUST BE USED IN ANY AREA WHERE NEW PAVEMENT WILL ABUT EXISTING PAVEMENT.

11. NO CLOSURES OF OR ENCROACHMENTS INTO THE PEDESTRIAN, BICYCLE, OR VEHICULAR TRAVEL AREAS SHALL BE DONE WITHOUT PRIOR APPROVAL FROM THE SANDY SPRINGS TRAFFIC ENGINEER. ALL PROPOSED PLANS FOR CLOSURES AND ENCROACHMENTS SHALL BE SUBMITTED AT LEAST TWO WEEKS PRIOR TO INTENDED BEGINNING AND MUST BE APPROVED PRIOR TO COMMENCEMENT.

TRAFFIC CONTROL NOTES:

1. THE CONTRACTORS ATTENTION IS DIRECTED TO TRAFFIC CONTROL SPECIFICATION 150 AND TO ARTICLES 104.05 AND 107.07 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND SEQUENCE OF OPERATIONS IN REGARDS TO MAINTENANCE OF TRAFFIC DURING CONSTRUCTION. FOR ADDITIONAL TRAFFIC CONTROL NOTES SEE GDOT STD. DRAWING NO. 9100.

2. PRICE BID FOR TRAFFIC CONTROL - LUMP SUM SHALL INCLUDE, BUT IS NOT LIMITED TO, CONSTRUCTION, MAINTENANCE, AND REMOVAL OF TEMPORARY SIGNING AND PAVEMENT MARKINGS, BARRICADES, CHANNELIZING DEVICES, ETC. REQUIRED FOR MAINTENANCE OF TRAFFIC DURING CONSTRUCTION. ALL TEMPORARY SIGNING AND PAVEMENT MARKING SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", CURRENT EDITION AND/OR AS DIRECTED BY THE ENGINEER.

3. WHEN NECESSARY, EXISTING STRIPING SHALL BE REMOVED BY GRINDING, UNLESS SPECIFIED BY THE TRAFFIC ENGINEER.

4. NO SEPARATE PAYMENT WILL BE MADE FOR AGGREGATE SURFACE COURSE FOR MAINTENANCE OF TRAFFIC. COSTS FOR AGGREGATE SURFACE COURSE FOR MAINTENANCE OF TRAFFIC SHALL BE INCLUDED UNDER THE PRICE BID FOR TRAFFIC CONTROL - LUMP SUM. QUANTITY SHOWN IN PLANS FOR AGGREGATE SURFACE COURSE IS FOR FINISHED DRIVEWAYS ONLY.

5. WARNING DEVICES SHALL BE PLACED PRIOR TO COMMENCEMENT OF ANY ROAD IMPROVEMENT WORK AND SHALL REMAIN IN PLACE UNTIL THE CONCLUSION OF ALL SIGNING AND STRIPING WORK.

PROJECT SPECIFIC NOTES:

1. THIS PROJECT IS LOCATED 100 PERCENT WITHIN CONGRESSIONAL DISTRICT NO. 11.

2. THIS PROJECT IS LOCATED 100 PERCENT WITHIN CITY OF SANDY SPRINGS, FULTON COUNTY.

3. ALL COSTS FOR EARTHWORK AND GRADING SHALL BE PAID FOR AT THE PRICE BID FOR GRADING COMPLETE - LUMP SUM. THE CONTRACTOR WILL BE RESPONSIBLE FOR FURNISHING SUITABLE BORROW MATERIAL FOR THIS PROJECT, AND DISPOSE OF ANY UNSUITABLE OR WASTE MATERIAL. ALL FILL AREAS MUST BE COMPACTED TO MINIMUM 95% STANDARD PROCTOR.ALL AREAS WITHIN THE PROJECT LIMITS TO BE FINE GRADED AS OUTLINED IN SPECIFICATIONS.
THE COSTS FOR CLEARING AND GRUBBING, MOBILIZATION, AND SAWCUT OF PAVEMENT (ASPHALT AND CONCRETE) TO INCLUDED IN THE BID PRICE FOR 'GRADING COMPLETE'.

4. UTILITY WORK COORDINATION WILL BE REQUIRED AS A PART OF THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR USING THE CALL-BEFORE-YOU-DIG PHONE # 811 PRIOR TO THE START OF WORK FOR THE PURPOSE OF COORDINATING THE MARKING OF UNDERGROUND UTILITIES.

5. THE FOLLOWING KNOWN UTILITY OWNERS HAVE FACILITIES WITHIN THE LIMITS OF THE PROJECT AND MAY BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION OR MAY INSTALL NEW FACILITIES CONCURRENTLY WITH THE CONSTRUCTION WORK:

UTILITY OWNERS

NAME	SERVICE	ADDRESS	CONTACT	PHONE NO.
A T & T	COMMUNICATIONS	675 W. PEACHTREE STREET. ATLANTA, GA 30308	ANGELO HINES MIKE WILHOIT DAVID WAGONER	770-784-3972 404-275-4922 404-532-7704
COMCAST COMMUNICATION	COMMUNICATIONS	3637 PEACHTREE ROAD, SUITE C1 ATLANTA, GA 30319	BRAD SEARS	770-559-6052
ATLANTA GAS LIGHT RESOURCES	GAS	P.O. BOX 4569 ATLANTA, GA 30302	BRUCE BENDER JERROLD DEWBERRY IAN REINHART	404-805-2613 404-780-1911 770-455-4915
COLONIAL PIPE LINE	GAS	1185 SANCTUARY PARKWAY, SUITE 100 ALPHARETTA, GA 30004	KATHRYN McDOWELL VINCE ROBERTS	678-762-2403 404-227-6264
PLANTATION PIPELINE	GAS	2901 WOODWIN ROAD DORAVILLE, GA 30360	BRUCE BENDER	770-751-4529 770-751-4112 770-841-0541
GEORGIA POWER	POWER	760 RALPH McGILL BLVD. NE ALPHARETTA, GA 30004	DON ST. CLAIR JAMAL RICHARDSON	404-506-6539 770-216-1436
CITY OF ATLANTA DEPT. OF WATERSHED MANAGEMEMT	SEWER / WATER	651 14TH STREET, NW ATLANTA, GA 30318	MIKE ADDINGTON	404-602-4459
FULTON COUNTY	SEWER	3637 PEACHTREE ROAD, SUITE C1 ATLANTA, GA 30319	KEITH BREWER ARMONDE JOHNSON	404-612-9411 404-612-4248
DEKALB COUNTY TRAFFIC AND SAFETY	TRAFFIC	1950 W. EXCHANGE PLACE TUCKER, GA 30084	VINCE COOPER	404-297-3946
DEKALB COUNTY DEPT. OF WATERSHED MANAGEMENT	WATER	1580 ROADHAVEN DRIVE. STONE MOUNTAIN, GA 30083	EDDIE CAMPBELL JANICE BROWN	770-724-1451 770-724-1452

6. AT LOCATIONS WHERE NEW PAVEMENT OR NEW CURB IS TO BE PLACED ADJACENT TO EXISTING PAVEMENT WITHOUT AN OVERLAY, A JOINT SHALL BE SAWED ON A LINE ESTABLISHED BY THE CITY ENGINEER TO ENSURE PAVEMENT REMOVAL TO A NEAT LINE. A NEAT EDGE WILL BE INCLUDED IN GRADING COMPLETE - LUMP SUM.

7. CLEARING AND GRUBBING ON THIS PROJECT IS LIMITED TO THE ACTUAL CONSTRUCTION LIMITS. NO CLEARING AND GRUBBING BEYOND CONSTRUCTION LIMITS UNLESS DIRECTED BY THE CITY ENGINEER.. STRUCTURES, TREES, SHRUBS, AND OTHER LANDSCAPE PLANT MATERIAL THAT FALL WITHIN THE RIGHT-OF-WAY AND EASEMENT LIMITS, BUT OUTSIDE THE LIMITS OF CONSTRUCTION SHALL NOT BE DISTURBED.

8. THE CONTRACTOR SHALL ENSURE THAT POSITIVE AND ADEQUATE DRAINAGE IS MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS. THIS MAY INCLUDE, BUT NOT LIMITED TO PLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED, OR RE-GRADING AS REQUIRED BY THE CITY ENGINEER. EXCEPT FOR THOSE DRAINAGE ITEMS SHOWN AT SPECIFIC LOCATIONS IN THE PLANS AND HAVING SPECIFIC PAY ITEMS IN THE DETAILED ESTIMATE. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COSTS INCURRED TO COMPLY WITH THIS REQUIREMENT.

9. FIELD CHANGES DURING CONSTRUCTION SHALL BE SUBMITTED TO THE CITY ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION COMMENCING.

10. CONTRACTOR IS RESPONSIBLE TO REMOVE AND DISPOSE OF OFF SITE ANY DEBRIS, VEGETATION, STUMPS, ROCKS, ETC.

11. EROSION CONTROL DRAWINGS INCLUDED IN THIS SET ARE FOR ALL PHASES OF THE PROJECT. EROSION CONTROL BMP'S (I.E. SILT FENCE, INLET SEDIMENT TRAPS, ETC.) MAY BE LEFT IN PLACE AFTER COMPLETION OF THE PRIOR PHASE OF WORK.. THE CONTRACTOR SHALL PERFORM A SITE INSPECTION TO DETERMINE THE LOCATION AND CONDITION OF REMAINING BMP'S. THE CONTRACTOR SHALL MAINTAIN ALL REQUIRED EXITING BMP'S AND INSTALL ANY ADDITIONAL BMP'S REQUIRED TO COMPLETE THE PROPOSED SCOPE OF WORK.EROSION CONTROL MEASURES NOT REQUIRED MAY BE DEDUCTED FROM THE CONTRACT BY THE CITY OR LANDSCAPE ARCHITECT.

12. THE CONTRACTOR SHALL PROVIDE TO THE CITY RECORD DRAWINGS OF AS-BUILT CONDITIONS FOR ALL PROPOSED SITE IMPROVEMENTS INCLUDED AS PART OF THIS BID PHASE. THESE INCLUDE BUT ARE NOT LIMITED TO: WALLS (TOP AND BOTTOM ELEVATIONS),AND UTILITIES.

13. CONTRACTOR IS RESPONSIBLE FOR ALL MATERIAL AND GEO-TECHNICAL TESTING PER GDOT STANDARDS AND SPECIFICATIONS; TEST RESULTS SHALL BE PROVIDED TO OWNER AND ENGINEER FOR REVIEW AND APPROVAL.

14. ANY AND ALL IRRIGATION HEADS, BACK FLOW PREVENTERS, VALVES, AND PIPES IMPACTED BY CONSTRUCTION OF THE WALK OR WALLS SHALL BE COORDINATED AND RELOCATED BY THE CONTRACTOR AND WILL BE PART OF THE WORK IN THIS PROJECT. AN IRRIGATION ALLOWANCE FOR THIS SERVICE HAS BEEN INDICATED IN THE BID MANUAL.

LAYOUT NOTES:

1. ALL DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE ELEMENTS FROM WHICH THEY ARE MEASURED, UNLESS OTHERWISE INDICATED ON DRAWINGS.

2. ANY DEVIATION FROM THESE DRAWINGS TO BE MADE IN THE FIELD DURING CONSTRUCTION SHALL BE APPROVED BY THE CITY ENGINEER PRIOR TO CONSTRUCTION AND THEN RECORDED ON "AS BUILT" DRAWINGS.

3. REPORT ALL THE FIELD LAYOUT DISCREPANCIES IMMEDIATELY TO THE CITY ENGINEER. CONTRACTOR TO VERIFY THAT ALL DIMENSIONS WORK IN THE FIELD PRIOR TO CONSTRUCTION. CONTRACTOR TO STAKE IN CENTERLINE OF SIGNS, FENCING, AND WALLS TO BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.

4. DO NOT SCALE FROM DRAWINGS.

5. ALL PAVED AREAS ARE TO BE CONSTRUCTED IN SUCH A MANNER AS TO PREVENT PONDING OF WATER AND ALLOW FOR POSITIVE DRAINAGE. ROADWAY SHALL BE CONSTRUCTED IN SUCH A MANNER THAT PROVIDES POSITIVE DRAINAGE. MAXIMUM SLOPE ON SIDEWALKS AND TRAIL SHALL BE 2% UNLESS OTHERWISE NOTED ON DRAWINGS, AND SHALL SLOPE AWAY FROM BUILDINGS.

6. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE LAYOUT STAKING OF ALL CONSTRUCTION ELEMENTS FOR THE CITY OR THE LANDSCAPE ARCHITECT'S APPROVAL PRIOR TO CONSTRUCTION, INSTALLATION / IMPLEMENTATION.

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTRUCTION & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES
HISTORICAL PARCEL
BEGIN LIMIT OF ACCESS BLA
END LIMIT OF ACCESS ELA
EXIST. LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

ATKINS
1600 RIVEREDGE PARKWAY, NW
SUITE 700
ATLANTA, GEORGIA 30328
770-933-0280

SANDY SPRINGS
GEORGIA

ATKINS
JOB NO. 100051166
DRAWN RTD
DESIGNED JDB
CHECKED JDB
QC

GEORGIA REGISTERED No. LA000760 02-16-2018 LANDSCAPE ARCHITECT JOHN D BOUDREAU

NOT VALID FOR CONSTRUCTION UNLESS SIGNED IN THIS BLOCK

DATE	REVISIONS

CITY OF SANDY SPRINGS
PUBLIC WORKS

GENERAL NOTES

DUDLEY LANE AND POWERS FERRY ROADWAY MILLING AND PAVING PROJECT

DRAWING NO. 04-01

M:\COSS - Task Order 16-024 - Dudley Lane Sidewalk Project\CAD\Dudley Paving Plans\04 GENERAL NOTES.dwg Feb 14, 2018 - 10:43am hoye8741

SUMMARY OF QUANTITIES

Item Number	Unit	Item Description	Quantity
150-1000	LS	TRAFFIC CONTROL	1
163-0550	EA	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	2
165-0105	EA	MAINTENANCE OF INLET SEDIMENT TRAP	2
165-0001	LF	COMPOST FILTER SOCK	250
210-0100	LS	GRADING COMPLETE-PROJECT (INCLUDES PVMT AND BASE MATERIAL REMOVAL)	1
310-5120	SY	GR AGGR BASE CRS, 12 INCH, INCL MATL	335
402-3130	TN	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	111
402-1812	TN	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	60
402-3121	TN	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	74
402-3190	TN	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	37
413-1000	GAL	BITUMINOUS TACK COAT	59
432-5010	SY	MILL ASPH CONC PVMT, VARIABLE DEPTH	1000
653-1704	LF	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	24
653-1501	LF	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	200
653-1502	LF	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	200
999-0003	ALLOW	UTILITY CONTINGENCY (AS DIRECTED BY ENGINEER)	1

THE CONTRACTOR IS RESPONSIBLE TO VERIFY ALL QUANTITIES OF THE ITEMS TO CONSTRUCT THE PROJECT AS INDICATED IN THE CONSTRUCTION DRAWINGS. THIS MAY INCLUDE THE CONSTRUCTION OF ITEMS NOT PRESENT IN THE DETAILED ESTIMATE OF THE SUMMARY OF QUANTITIES OR THE BID SCHEDULE UNIT PRICES.

ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	N/A	4	9

PLAN NOTES (#)

1. EXISTING CURB AND GUTTER, SIDEWALK, AND DRIVEWAYS TO REMAIN, PROTECT IN PLACE.
2. EXISTING UTILITIES, PROTECT IN PLACE.
3. EXISTING SIGNAGE, PROTECT IN PLACE.
4. SAWCUT AND REMOVE/DISPOSE OF EXISTING CONCRETE AND/OR ASPHALT PAVEMENT AND BASE MATERIAL AT LIMITS OF FULL DEPTH REPLACEMENT.
5. VARIABLE ASPHALT MILLING AND LEVELING. REFER TO EDGE OF PAVEMENT AND CENTERLINE PROFILES. CONTRACTOR SHALL MILL A MINIMUM OF 1/2 INCH OR GREATER, AS NEEDED TO PROVIDE 1-1/2 INCH MINIMUM TOPPING COURSE.
6. AT TIE IN LOCATIONS, PROPOSED PAVEMENT ELEVATION TO MATCH EXISTING ELEVATION FLUSH.
7. THERMOPLASTIC 5" SOLID DOUBLE YELLOW STRIPING
8. THERMOPLASTIC 5" SOLID WHITE LANE STRIPING
9. STOP BAR, 24 INCH SOLID WHITE.
10. ALL DISTURBED AREAS TO BE SODDED OR MULCHED TO MATCH EXISTING SOD/GRASS/MULCH, TYPICAL.
11. ASPHALT TOPPING/SURFACE COURSE AT CLASS 'B' CONCRETE BASE, REFER TO DETAIL 2.
12. CURB INLET FILTER "PIGS-IN-BLANKET" (Sd2-P). CONSTRUCT AT EXISTING CURB INLETS IF NOT ALREADY IN PLACE FROM DUDLEY LANE SIDEWALK PROJECT. CONSTRUCT IN ACCORDANCE WITH MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA.

LEGEND

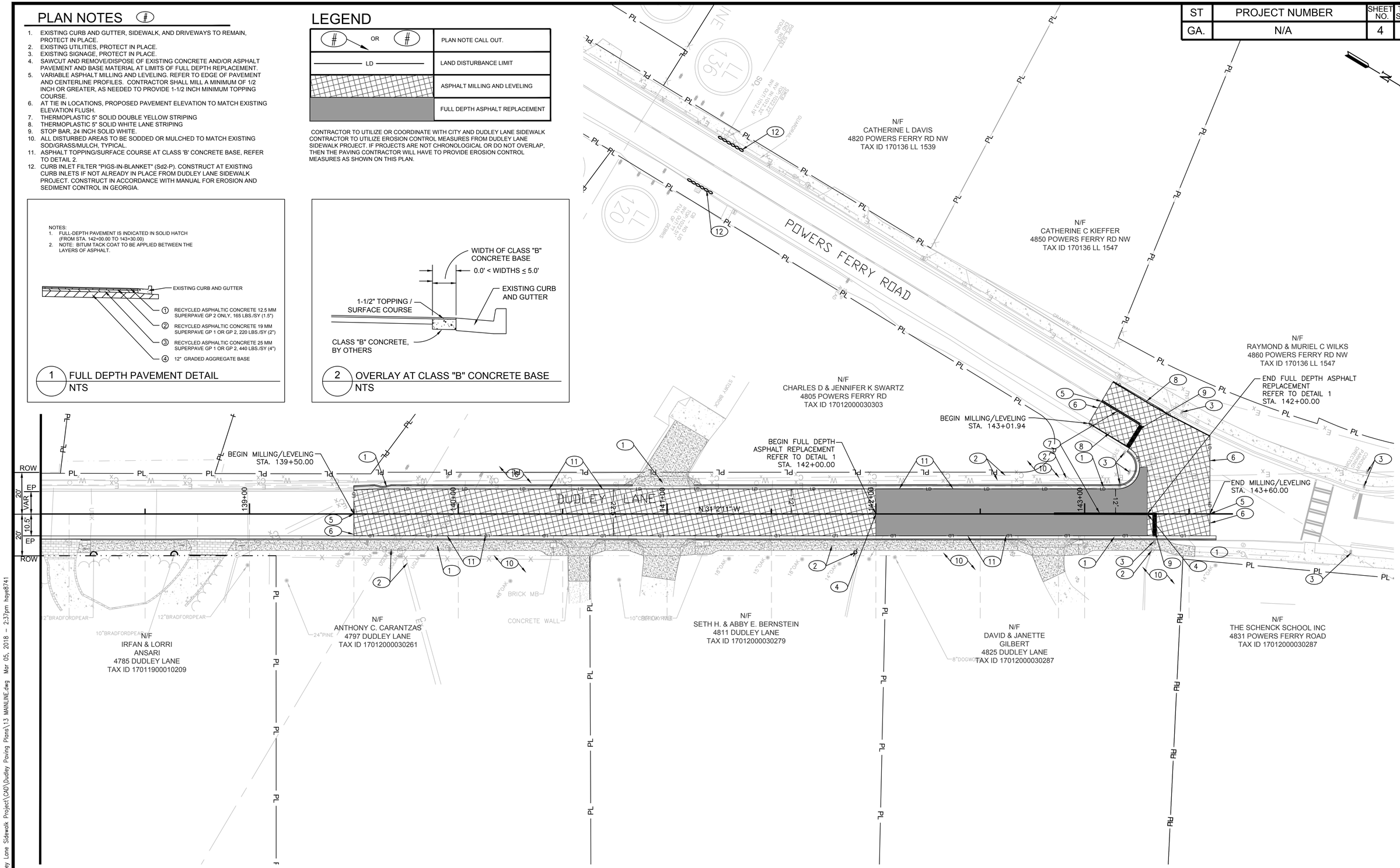
# OR #	PLAN NOTE CALL OUT.
LD	LAND DISTURBANCE LIMIT
	ASPHALT MILLING AND LEVELING
	FULL DEPTH ASPHALT REPLACEMENT

CONTRACTOR TO UTILIZE OR COORDINATE WITH CITY AND DUDLEY LANE SIDEWALK CONTRACTOR TO UTILIZE EROSION CONTROL MEASURES FROM DUDLEY LANE SIDEWALK PROJECT. IF PROJECTS ARE NOT CHRONOLOGICAL OR DO NOT OVERLAP, THEN THE PAVING CONTRACTOR WILL HAVE TO PROVIDE EROSION CONTROL MEASURES AS SHOWN ON THIS PLAN.

NOTES:
1. FULL-DEPTH PAVEMENT IS INDICATED IN SOLID HATCH (FROM STA. 142+00.00 TO 143+30.00)
2. NOTE: BITUM TACK COAT TO BE APPLIED BETWEEN THE LAYERS OF ASPHALT.

1 FULL DEPTH PAVEMENT DETAIL
NTS

2 OVERLAY AT CLASS "B" CONCRETE BASE
NTS



PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	C F
EASEMENT FOR CONSTRUCTION & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	
HISTORICAL PARCEL	
BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
EXIST. LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	

ATKINS
1600 RIVEREDGE PARKWAY, NW
SUITE 700
ATLANTA, GEORGIA 30328
770-933-0280

SANDY SPRINGS GEORGIA

20 10 0 20 40
(IN FEET)
1 inch = 20 ft.

ATKINS
JOB NO. 100051166
DRAWN RTD
DESIGNED JDB
CHECKED JDB
QC

GEORGIA REGISTERED No. LA000780 02-16-2018 LANDSCAPE ARCHITECT JOHN D BOUDREAU

NOT VALID FOR CONSTRUCTION UNLESS SIGNED IN THIS BLOCK

DATE	REVISIONS

CITY OF SANDY SPRINGS
PUBLIC WORKS

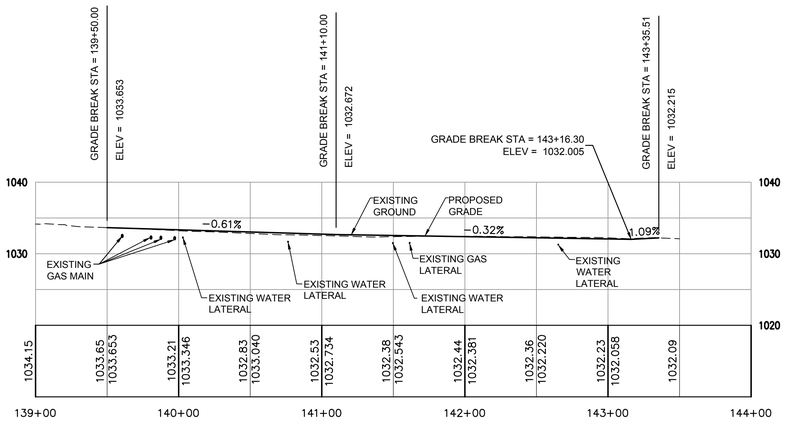
MAINLINE PLAN

DUDLEY LANE AND POWERS FERRY ROADWAY MILLING AND PAVING PROJECT

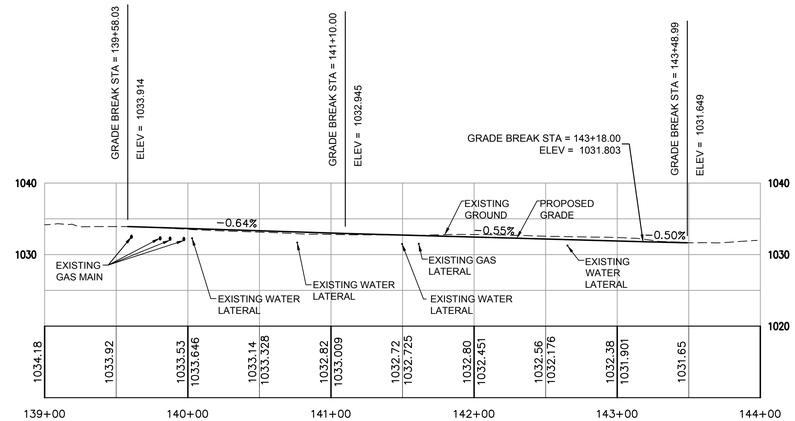
DRAWING NO. 13-01

M:\CDSS - Task Order 16-024 - Dudley Lane Sidewalk Project\CAD\Dudley Paving Plans\13 MAINLINE.dwg Mar 05, 2018 - 2:37pm hoye8741

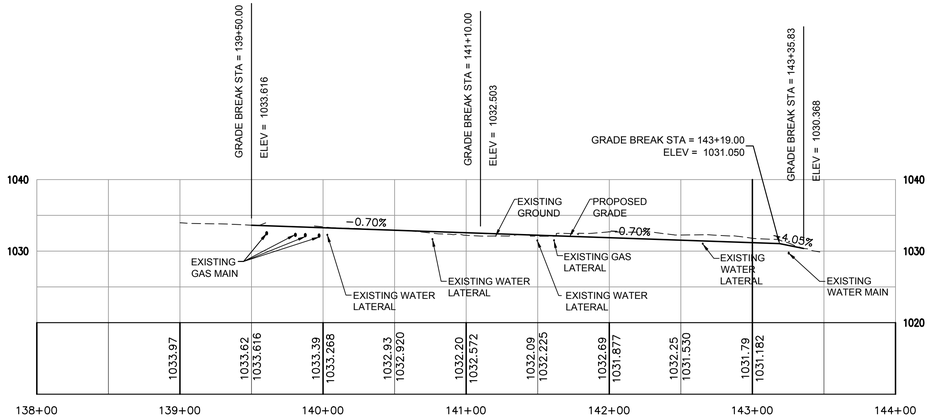
ST	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	T.O. 16-024	5	68



DUDLEY RIGHT EOP



DUDLEY LANE CENTERLINE



DUDLEY LEFT PROPOSED EOP

NOTE:

EXISTING UTILITIES SHOWN ARE AT APPROXIMATE LOCATIONS (+/- 3' FROM EXISTING GRADE). CONTRACTOR TO CONFIRM EXACT LOCATION AND RELOCATE IF NECESSARY TO MAINTAIN A MINIMUM OF 3' COVER BELOW PROPOSED GRADE. CONTRACTOR SHALL REPORT TOP OF UTILITY ELEVATIONS AT THE RIGHT AND LEFT EDGE OF PAVEMENT AND CENTERLINE OF THE ROADWAY TO THE CITY AND ENGINEER BEFORE STARTING CONSTRUCTION.

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	C F
EASEMENT FOR CONSTRUCTION & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	
HISTORICAL PARCEL	
BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
EXIST. LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	

ATKINS
1600 RIVEREDGE PARKWAY, NW
SUITE 700
ATLANTA, GEORGIA 30328
770-933-0280

SANDY SPRINGS
GEORGIA

Graphic Scale
Horz 50 0 50 100 1"=50'
Vert 10 0 10 20 1"=10'

ATKINS
JOB NO. 100051166
DRAWN RTD
DESIGNED JDB
CHECKED JDB
QC

GEORGIA REGISTERED No. LA000760 02-19-2018 LANDSCAPE ARCHITECT JOHN D BOUDREAU

NOT VALID FOR CONSTRUCTION UNLESS SIGNED IN THIS BLOCK

DATE	REVISIONS

CITY OF SANDY SPRINGS
PUBLIC WORKS

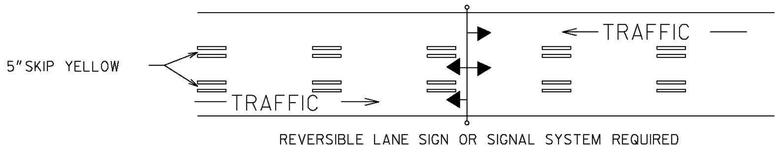
PAVEMENT PROFILES

DUDLEY LANE SIDEWALK PROJECT (T.O. 16-024)

DRAWING NO. 33-01

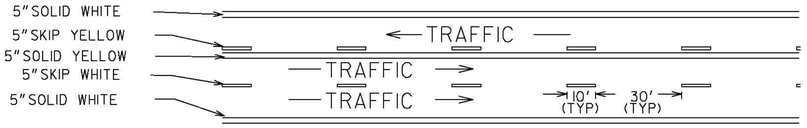
M:\COSS - Task Order 16-024 - Dudley Lane Sidewalk Project\CAD\Dudley Paving Plans\33 PROFILES.dwg Feb 23, 2018 - 1:53pm HAYE8741

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	N/A	6	9

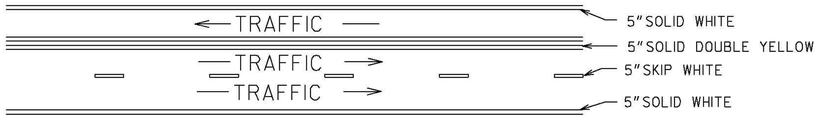


REVERSIBLE LANE SIGN OR SIGNAL SYSTEM REQUIRED

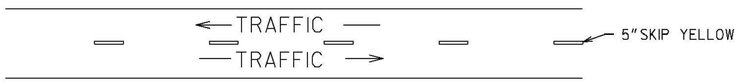
TWO-WAY TRAFFIC WITH A REVERSIBLE CENTER LANE



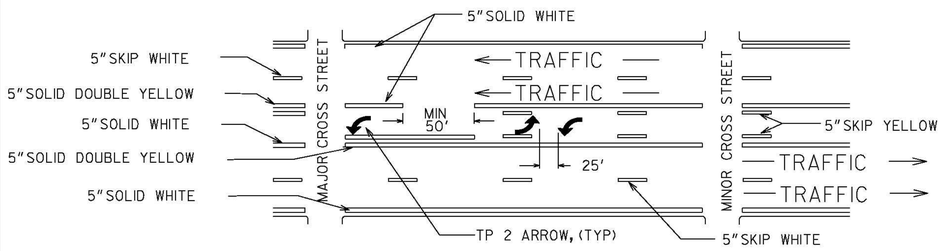
TWO-WAY TRAFFIC WHERE MOTORISTS IN A SINGLE LANE ARE PERMITTED TO PASS



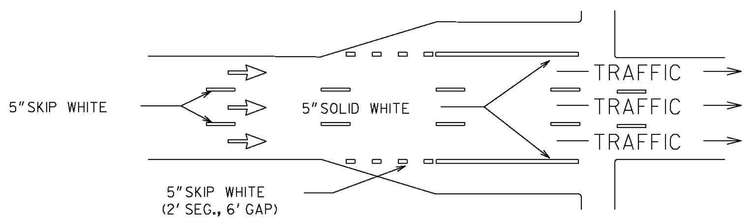
TWO-WAY TRAFFIC WHERE MOTORISTS IN A SINGLE LANE ARE NOT PERMITTED TO PASS



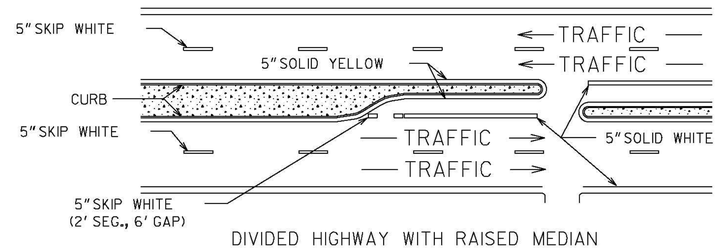
TWO-LANE, TWO-WAY TRAFFIC WITH PASSING PERMITTED



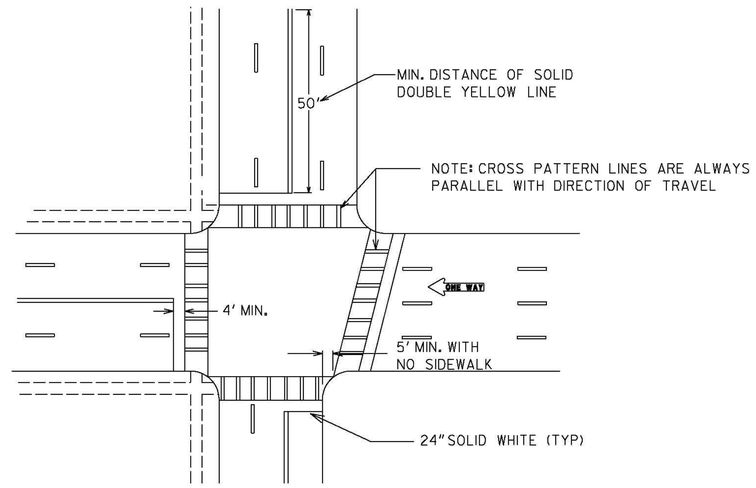
MULTI-LANE, TWO-WAY TRAFFIC WITH SINGLE LANE, TWO-WAY LEFT TURN CHANNELIZATION



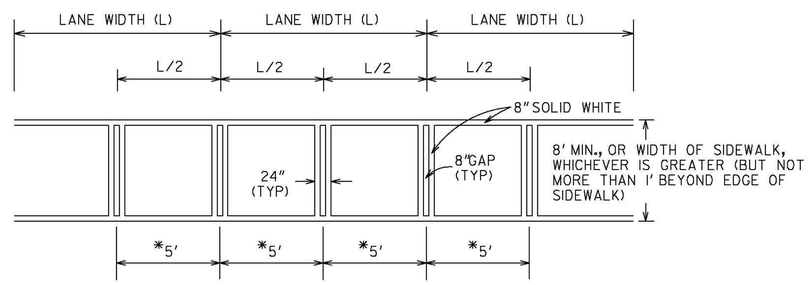
ONE-WAY TRAFFIC WITH ADDED TURN LANES



DIVIDED HIGHWAY WITH RAISED MEDIAN



TYPICAL LOCATION OF CROSSWALKS AND STOP BARS



*USE WHERE THE LANE WIDTH EXCEEDS 12' OR WHERE LANE LINES HAVE BEEN OMITTED

CROSSWALK DETAIL

GENERAL NOTES:

1. SPACING BETWEEEN DOUBLE LINES SHALL BE EQUAL TO THE LINE WIDTH.
2. EDGE LINES SHALL BE PLACED A MINIMUM OF 4 INCHES FROM THE NORMAL EDGE OF PAVEMENT.
3. CONTRAST MARKINGS FOR SKIP STRIPING SHALL BE AS SHOWN IN DETAIL T-IIB.

CDR	ADDED GENERAL NOTE 3	9-15-16	DATE
BY	REVISION		

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAILS

PAVEMENT MARKING PLACEMENT
NON-LIMITED ACCESS ROADWAY

NO SCALE

JANUARY 2000

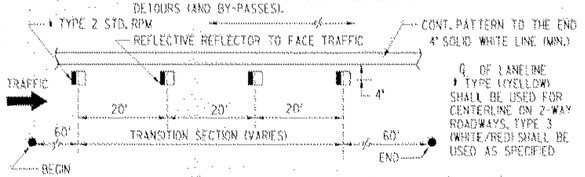
DESIGNED ____
DRAWN ____
TRACED ____
CHECKED ____

NUMBER
T-IIA

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	N/A	7	9

TEMPORARY RAISED PAVEMENT MARKER DETAIL

INSTALLATION PATTERN FOR LATERAL MAINLINE SHIFTS AND CROSSOVER OPERATIONS. ALSO APPLICABLE FOR DETOURS (AND BY-PASSES).



PAVEMENT MARKER INSTALLATION SHALL BEGIN 60 FEET IN ADVANCE OF BEGINNING OF THE SHIFT OR TRANSITION ALIGNMENT, CONTINUE THRU THE TRANSITION AREA, & EXTEND 60 FEET BEYOND THE INTERSECTION WITH THE TEMPORARY ALIGNMENT. TEMPORARY RAISED PAVEMENT MARKERS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS AND THE GA. STD. SPECIFICATIONS.

STANDARD LEGEND

- STRIPED DRUM
- TYPE III BARRICADES
- SPECIAL BARRICADE WITH BI-DIRECTIONAL, TYPE "C" STEADY BURNING LIGHT OR HIGHWAY SIGN AS SPECIFIED (SEE DETAIL)
- SEQUENTIAL OR FLASHING ARROW
- PORTABLE CHANGEABLE MESSAGE SIGN
- PERMANENT TYPE POST MOUNTED SIGN
- TEMPORARY POST MOUNTED SIGN
- PORTABLE MOUNTED SIGN - FLAGS NOT REQUIRED
- WORK AREA
- TRAFFIC CONE - 28" MIN. - (DAYTIME USE ONLY)
- FLAGGER WITH STOP-SLOW PADDLE
- TRAFFIC IMPACT ATTENUATOR (CRASH CUSHION)
- TYPE 1 CLEAR (WHITE) DELINEATOR - SINGLE FACE
- TYPE 1 YELLOW DELINEATOR - SINGLE FACE
- TYPE 1 CLEAR (WHITE) DELINEATOR DOUBLE FACE
- TYPE 1 YELLOW DELINEATOR DOUBLE FACE

GENERAL NOTES :

1. ALL TRAFFIC CONTROL DEVICES SHALL BE MADE AND ERECTED IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS; THE MUTCD; THE GEORGIA STANDARD SPECIFICATIONS, AND/OR SPECIAL PROVISIONS. (SEE SECTION 150)

2. ALL TRAFFIC CONTROL DEVICES SHALL BE AS SHOWN, OR AS DIRECTED BY THE ENGINEER. ADDITIONAL DEVICES MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.

3. ALL PORTABLE SIGNS SHALL BE MOUNTED A MINIMUM OF 1FOOT ABOVE THE LEVEL OF PAVEMENT EDGE FOR DIRECTIONAL TRAFFIC OF TWO (2) LANES OR LESS AND A MINIMUM OF 7 FEET FOR DIRECTIONAL OF THREE (3) OR MORE LANES. ALL PORTABLE SIGNS AND SIGN MOUNTING DEVICES UTILIZED IN THE WORK SHALL BE NCHRP 350 COMPLIANT. PORTABLE SIGNS MAY BE USED WHEN THE DURATION OF THE WORK IS LESS THAN 3 DAYS.

4. WHEN THE CONSTRUCTION AREA HAS ENTRANCE/EXIT RAMPS OR INTERSECTIONS, WORK WILL BE PERFORMED IN SUCH A MANNER TO PERMIT TRAFFIC TO OPERATE WITH THE LEAST AMOUNT OF INCONVENIENCE AS POSSIBLE. ADDITIONAL CHANNELIZATION AND SIGNING SHALL BE INSTALLED, AS REQUIRED, TO ALLOW TRAFFIC TO REMAIN AS OPERATIONAL AS POSSIBLE. WHEN ENTRANCE RAMPS/INTERSECTIONS ARE INOPERABLE, FLAGGERS WILL BE UTILIZED TO CONTROL AND PROHIBIT MOVEMENT INTO THE PROJECT AT THAT POINT UNTIL CONSTRUCTION HAS CLEARED THE RESTRICTION SUFFICIENT TO RETURN TO OPERATIONAL STATUS.

5. FOR NIGHT TIME OPERATIONS, DRUMS SHALL HAVE, FOR THE LENGTH OF THE TAPER ONLY, A SIX (6") INCH ORANGE REFLECTIZED TOP STRIPE ON EACH DRUM IN THE TAPER AS REQUIRED IN SECTION 150. SPACING OF DEVICES SHALL BE AS SHOWN. DURING DAYLIGHT HOURS, CONES (28" MIN.) MAY BE USED IN ADVANCE OF AND THROUGHOUT WORK AREA.

6. SIGN LOCATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS BUT MUST BE WITHIN THE LIMITATIONS SET FORTH IN THE MUTCD.

7. A PORTABLE SELF-SUSTAINED SEQUENTIAL OR FLASHING ARROW SIGN SHALL BE USED AT THE BEGINNING OF EACH LANE CLOSURE ON MULTI-LANE HIGHWAYS. ARROW PANELS SHALL NOT BE USED ON TWO-LANE TWO-WAY HIGHWAYS EXCEPT IN CAUTION MODE.

8. WHEN NOT IN USE, PORTABLE SIGNS SHALL BE REMOVED FROM THE TRAVELWAY SO THAT THE MESSAGE IS NOT VISIBLE TO THE MOTORIST. INTERIM SIGNS THAT ARE PERMANENTLY MOUNTED SHALL BE COVERED WHEN NOT APPLICABLE. SEE SECTION 150.

9. PROJECT SIGNS W20-1, G20-1 & G20-2 FOR THIS PROJECT SHALL BE COORDINATED WITH ADJACENT CONSTRUCTION PROJECTS. ONLY ONE SET OF SIGNS IS REQUIRED IN EACH DIRECTION FOR THE TOTAL LENGTH OF ALL PROJECTS-AT THE BEGINNING OF THE FIRST PROJECT AND AT THE ENDING OF THE LAST PROJECT. ADVANCE CONSTRUCTION SIGNS ARE NOT REQUIRED ON INTERMEDIATE PROJECTS, UNLESS CONSTRUCTION ON THE ADJACENT PROJECTS IS COMPLETED BEFOREHAND. THEN PROJECT CONSTRUCTION SIGNS WILL BE ADDED AS NECESSARY.

10. ALL THE COST OF THE MATERIALS, LABOR AND EQUIPMENT NECESSARY TO COMPLETE THE WORK SHALL BE INCLUDED IN THE PRICE BID FOR TRAFFIC CONTROL SECTION 150, LUMP SUM, WHEN SHOWN AS A PAYMENT ITEM IN THE PROPOSAL, OTHERWISE, ALL THE COST WILL BE INCLUDED IN THE OVER-ALL BID SUBMITTED. EXCEPT ON CERTAIN PROJECTS SOME ITEMS MAY BE PAID FOR SEPARATELY BY THE UNIT WHEN SPECIFIED ON THE PLANS AND IN THE PROPOSAL.

11. FOR FREEWAY CONSTRUCTION THE CONTRACTOR SHALL ARRANGE HIS WORK SO THAT THERE IS AN EXIT GORE SIGN AND AN EXIT DIRECTION SIGN IN PLACE FOR ALL EXIT RAMPS AT ALL TIMES.

12. ALL CROSSROADS, SIDEROADS, RAMPS OR OTHER ENTRANCES TO MAINLINE CONSTRUCTION SHALL REQUIRE W20-1 SIGNS LOCATED AS SHOWN IN THE PLANS, OR AS DIRECTED BY THE ENGINEER.

13. MARKINGS AND/OR SIGNS IN CONFLICT WITH INTERIM TRAFFIC CONTROL SHALL BE REMOVED, RELOCATED OR COVERED; APPLICABLE EXISTING AND INTERIM MARKINGS AND/OR SIGNING SHALL BE MAINTAINED PER SECTION 150.

14. ANY CHANNELIZING DEVICES (DRUMS OR BARRICADES) IN CONFLICT WITH CONCRETE BARRIERS SHALL BE OMITTED.

15. CONTRACTOR SHALL PROVIDE THE NECESSARY TRAFFIC CONTROL DURING THE TIE-IN OPERATION.

16. THE TRAFFIC CONTROL DEVICES SHOWN FOR ANY STAGE CONSTRUCTION SHALL REMAIN IN PLACE AND BE UTILIZED SO LONG AS NECESSARY FOR THE FOLLOWING STAGES AND SHALL BE REMOVED IMMEDIATELY WHEN NO LONGER REQUIRED. THE DEVICES MAY OR MAY NOT BE SHOWN ON THE PLANS FOR THESE FOLLOWING STAGES. REFER TO THE PLAN SHEET FOR THE INITIAL STAGE FOR THESE TRAFFIC CONTROLS.

17. EXISTING GUIDE SIGNS SHALL REMAIN IN PLACE SO LONG AS THEY DO NOT CONFLICT WITH THE CONSTRUCTION OF THIS PROJECT. WHEN IN CONFLICT, THEY SHALL BE RELOCATED ON TEMPORARY POSTS AT THE LOCATION AS DIRECTED BY THE ENGINEER. ANY DISTANCE SHOWN ON THE SIGN SHALL BE ADJUSTED ACCORDINGLY. IF THE SIGNS CANNOT BE RELOCATED, THEN THE SIGN SHALL BE REMOVED AND STORED AT A PLACE DESIGNATED BY THE ENGINEER. IF NEITHER OF THE ABOVE CAN BE DONE, THEN THE CONTRACTOR SHALL PROVIDE INTERIM GUIDE SIGNS AS COVERED IN SECTION 150.

18. (a) ON PROJECTS WITH LOW OR SOFT SHOULDERS, THE CONTRACTOR SHALL ERECT IMMEDIATELY AHEAD OF CONSTRUCTION OPERATIONS "LOW/SOFT SHOULDER" WARNING SIGNS AT THE PROJECT TERMINII, AT INTERVALS NOT TO EXCEED 1 MILE AND IMMEDIATELY PAST EACH CROSSROAD.

    (b) WHERE THE CONTRACTOR IS NOT RESPONSIBLE FOR SHOULDER CONSTRUCTION, THE DEPARTMENT WILL FURNISH THESE SIGNS FOR THE CONTRACTOR TO PICK UP, TRANSPORT, AND ERECT. THE DEPARTMENT WILL LATER REMOVE AND RETAIN THE SIGNS.

DATE	REVISION	BY
3-30-06	REVISED GENERAL NOTES AND LEGEND, DELETED TWO DETAILS, SPEC. BAR. SH. SPEC.	GLC
4-24-01		

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

STANDARD
TRAFFIC CONTROL GENERAL NOTES, STANDARD LEGEND, MISCELLANEOUS DETAILS

NO SCALE — AUG., 1999

DES. ..... (SUBMITTED) STATE ROAD & AIRPORT DESIGN ENGINEER
DRW. .....
TRA. .....
CHK. ..... (APPROVED) CHIEF ENGINEER

NUMBER 9100

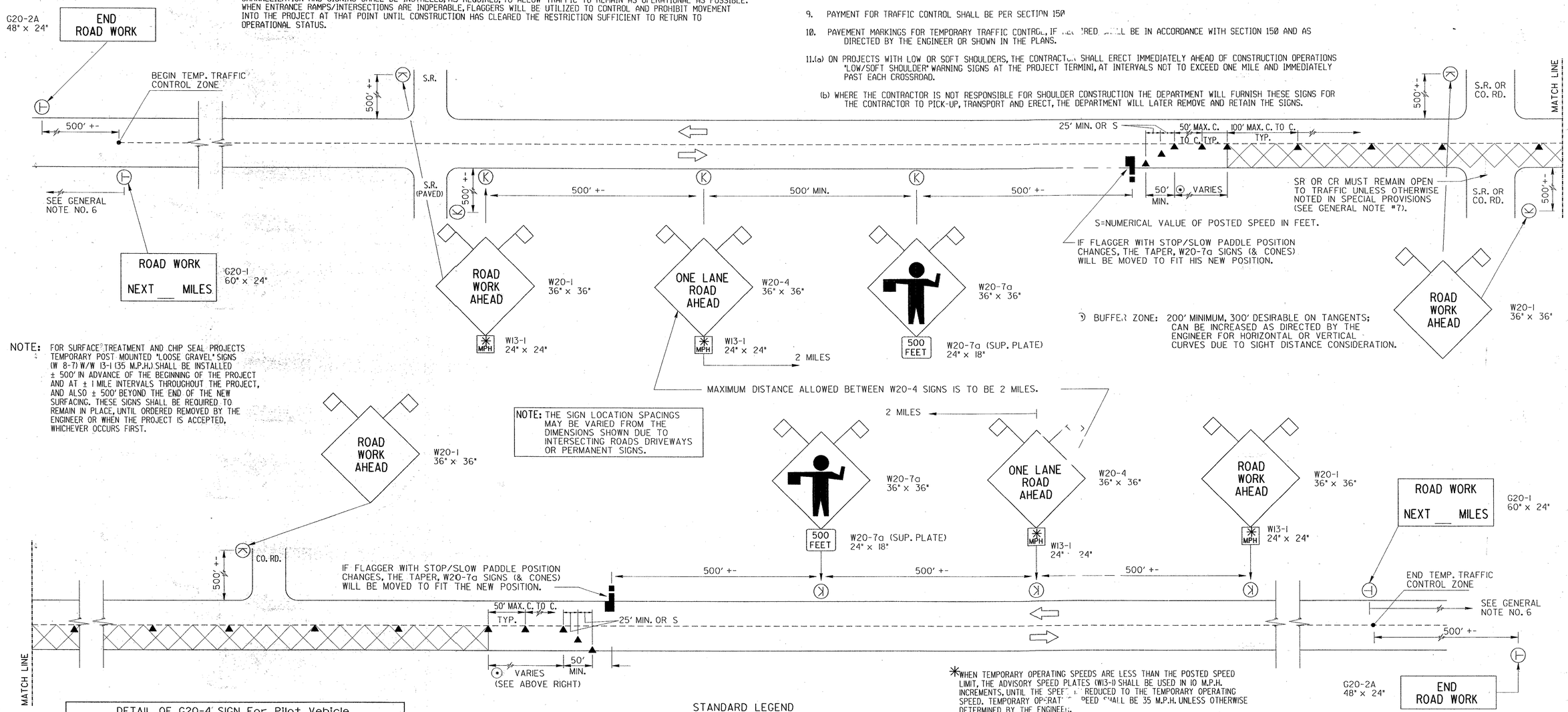
1 Sep 03 07:48:30 1999 \\GDOT_GO_SV20\OFF\OSD_Mulcahy posta M:\standard\English\ENGLISH\9102.prf

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	N/A	8	9

GENERAL NOTES:

1. ALL TRAFFIC CONTROL DEVICES SHALL BE MADE AND ERECTED IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS; THE MUTCD; THE GEORGIA STANDARD SPECIFICATIONS, AND/OR SPECIAL PROVISIONS. (SEE SECTION 150.)
2. ALL TRAFFIC CONTROL DEVICES SHALL BE AS SHOWN, OR AS DIRECTED BY THE ENGINEER. ADDITIONAL DEVICES MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.
3. ALL PORTABLE MOUNTED SIGNS SHALL BE MOUNTED SO THAT THE BOTTOM OF THE SIGN WILL BE BETWEEN 1 FT. AND 3 FT. ABOVE THE PAVEMENT EDGE. ALL TEMPORARY POST MOUNTED SIGNS SHALL BE MOUNTED SO THAT THE BOTTOM OF THE SIGN BE 7' MINIMUM ABOVE PAVEMENT EDGE.
4. WHEN THE CONSTRUCTION AREA HAS ENTRANCE/EXIT RAMPS OR INTERSECTIONS, WORK WILL BE PERFORMED IN SUCH A MANNER TO PERMIT TRAFFIC TO OPERATE WITH THE LEAST AMOUNT OF INCONVENIENCE AS POSSIBLE. ADDITIONAL CHANNELIZATION AND SIGNING SHALL BE INSTALLED, AS REQUIRED, TO ALLOW TRAFFIC TO REMAIN AS OPERATIONAL AS POSSIBLE. WHEN ENTRANCE RAMPS/INTERSECTIONS ARE INOPERABLE, FLAGGERS WILL BE UTILIZED TO CONTROL AND PROHIBIT MOVEMENT INTO THE PROJECT AT THAT POINT UNTIL CONSTRUCTION HAS CLEARED THE RESTRICTION SUFFICIENT TO RETURN TO OPERATIONAL STATUS.
5. FOR NIGHT TIME OPERATIONS, ALL CHANNELIZING DEVICES I' 'VANCE OF AND THROUGHOUT THE WORK AREA SHALL BE STRIPED DRUMS AND SHALL HAVE 10"x10" YELLOW PANELS W.TH TYPE V SHEETING ON THE TAPERS ONLY. SPACING OF DEVICES SHALL BE AS SHOWN DURING DAYLIGHT HOURS, CONES (28" 'IN.) MAY BE USED IN ADVANCE OF AND THROUGHOUT WORK AREA.
6. SIGNS SHOWN HERE ARE IN ADDITION TO ALL ADVANCE WARNING SIGNS REQUIRED IN SECTION 150. WARNING FLAGS OR / AND FLASHING LIGHTS ON SIGNS SHALL BE AS REQUIRED BY SECTION 150.
7. FLAGGERS SHALL BE PROVIDED AS NECESSARY TO PROHIBIT WRONG DIRECTION OF TRAFFIC THRU WORK AREAS.
8. WHEN NOT IN USE, PORTABLE SIGNS SHALL BE REMOVED FROM THE TRAVELWAY SO THAT THE MESSAGE IS NOT VISIBLE TO THE MOTORIST. INTRIM SIGNS THAT ARE PERMANENT MOUNTED SHALL BE COVERED WHEN NOT APPLICABLE. SEE SECTION 150.
9. PAYMENT FOR TRAFFIC CONTROL SHALL BE PER SECTION 150
10. PAVEMENT MARKINGS FOR TEMPORARY TRAFFIC CONTRO., IF ..ED 'RED ..LL BE IN ACCORDANCE WITH SECTION 150 AND AS DIRECTED BY THE ENGINEER OR SHOWN IN THE PLANS.
11. (a) ON PROJECTS WITH LOW OR SOFT SHOULDERS, THE CONTRACT.. SHALL ERECT IMMEDIATELY AHEAD OF CONSTRUCTION OPERATIONS "LOW/SOFT SHOULDER" WARNING SIGNS AT THE PROJECT TERMINI, AT INTERVALS NOT TO EXCEED ONE MILE AND IMMEDIATELY PAST EACH CROSSROAD.

    (b) WHERE THE CONTRACTOR IS NOT RESPONSIBLE FOR SHOULDER CONSTRUCTION THE DEPARTMENT WILL FURNISH THESE SIGNS FOR THE CONTRACTOR TO PICK-UP, TRANSPORT AND ERECT, THE DEPARTMENT WILL LATER REMOVE AND RETAIN THE SIGNS.

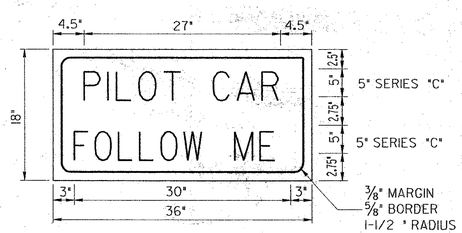


NOTE: FOR SURFACE TREATMENT AND CHIP SEAL PROJECTS TEMPORARY POST MOUNTED "LOOSE GRAVEL" SIGNS (W 8-7) W/W 13-1 (35 M.P.H.) SHALL BE INSTALLED ± 500' IN ADVANCE OF THE BEGINNING OF THE PROJECT AND AT ± 1 MILE INTERVALS THROUGHOUT THE PROJECT, AND ALSO ± 500' BEYOND THE END OF THE NEW SURFACING. THESE SIGNS SHALL BE REQUIRED TO REMAIN IN PLACE, UNTIL ORDERED REMOVED BY THE ENGINEER OR WHEN THE PROJECT IS ACCEPTED, WHICHEVER OCCURS FIRST.

NOTE: THE SIGN LOCATION SPACINGS MAY BE VARIED FROM THE DIMENSIONS SHOWN DUE TO INTERSECTING ROADS DRIVEWAYS OR PERMANENT SIGNS.

*WHEN TEMPORARY OPERATING SPEEDS ARE LESS THAN THE POSTED SPEED LIMIT, THE ADVISORY SPEED PLATES (W13-1) SHALL BE USED IN 10 M.P.H. INCREMENTS, UNTIL THE SPEE.. REDUCED TO THE TEMPORARY OPERATING SPEED. TEMPORARY OPERAT.. SPEED SHALL BE 35 M.P.H. UNLESS OTHERWISE DETERMINED BY THE ENGINEER.

DETAIL OF G20-4 SIGN For Pilot Vehicle
IF REQUIRED OR USED ON PROJECT



STANDARD LEGEND

- 18" X 18" FLOURESCENT RED/ORANGE OR ORANGE/RED WARNING FLAG REQUIRED ON ALL PORTABLE MOUNTED SIGNS
- ● STRIPED DRUM
- ⊢ PERMANENT TYPE POST MOUNTED SIGN (7' MOUNT HEIGHT)
- Ⓣ TEMPORARY POST MOUNTED SIGN - NO FLAGS REQUIRED (7' MOUNT HEIGHT)
- Ⓚ PORTABLE MOUNTED SIGN - FLAGS REQUIRED (1' TO 3' MOUNT HEIGHT)
- WORK AREA
- ▲ TRAFFIC CONE - 28" MIN. - DAYTIME USE ONLY
- FLAGGER WITH STOP-SLOW PADDLE

DATE	REVISION	BY

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

STANDARD TRAFFIC CONTROL DETAIL

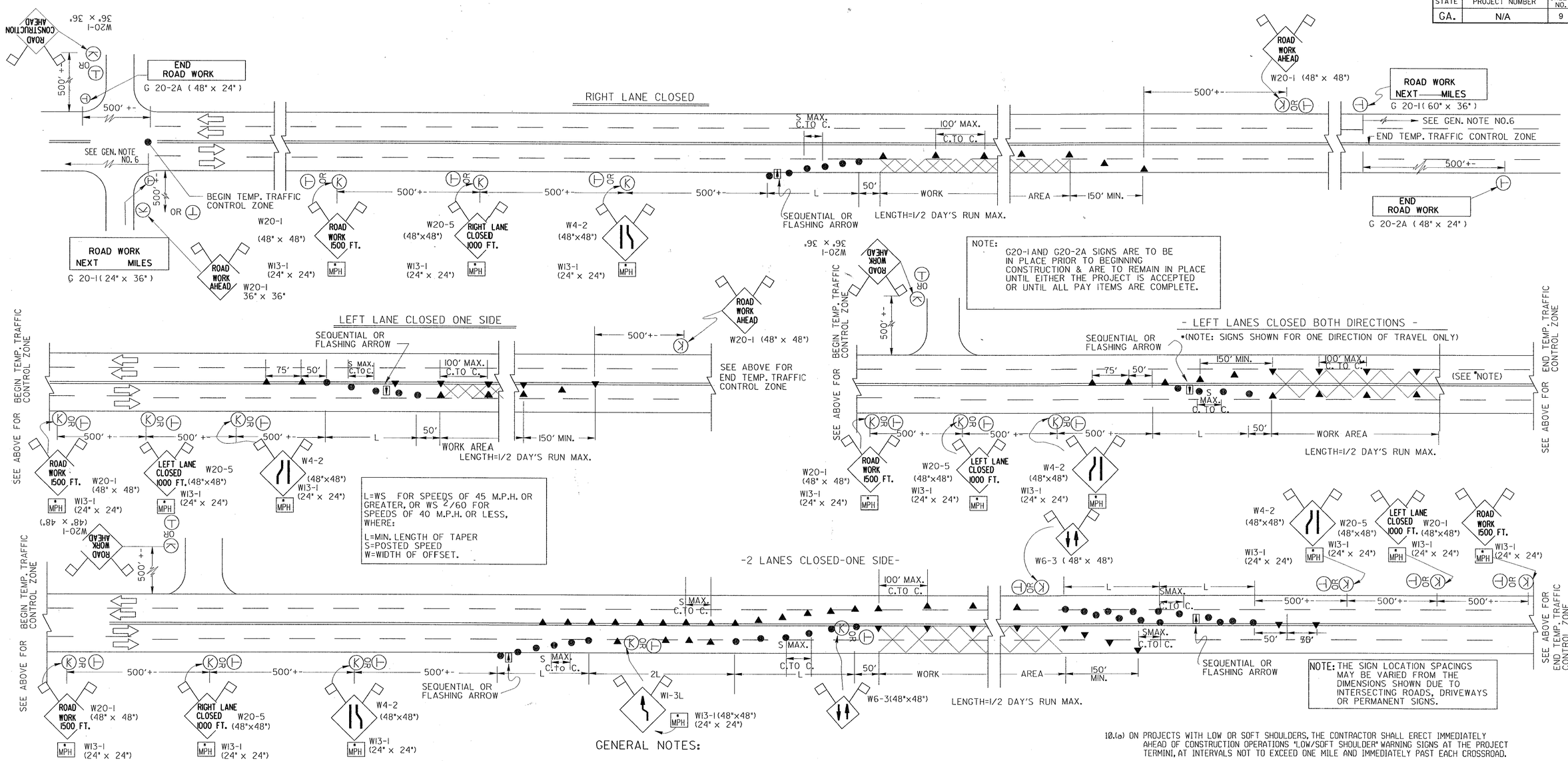
FOR LANE CLOSURE ON TWO-LANE HIGHWAY

NO SCALE — REV. & REDR. JULY, 1999

DES. ____ (SUBMITTED) James A. Kraus
DRW. ____ STATE ROAD & AIRPORT DESIGN ENGINEER
TRA. ____ (APPROVED)
CHK. ____ CHIEF ENGINEER

NUMBER 9102

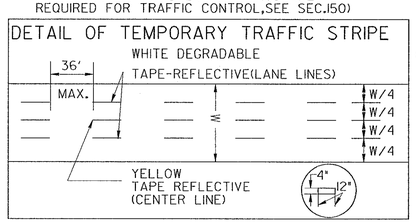
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	N/A	9	9



FOR LOCATIONS ON THIS PROJECT INVOLVING ADDED TURN LANES, THE DISTRICT TRAFFIC OPERATIONS OFFICE WILL FURNISH A SCHEMATIC DRAWING OF THE TEMPORARY PAVEMENT MARKINGS AT THE PRE-CONSTRUCTION CONFRENCE.

(WHERE OTHER PAVEMENT MARKINGS ARE REQUIRED FOR TRAFFIC CONTROL, SEE SEC.150)

DETAIL OF TEMPORARY TRAFFIC STRIPE



- WHEN TEMPORARY OPERATING SPEEDS ARE LESS THAN THE POSTED SPEED LIMIT, THE ADVISORY SPEED PLATES (W13-1) SHALL BE USED IN 10 M.P.H. INCREMENTS, UNTIL THE SPEED IS REDUCED TO THE TEMPORARY OPERATING SPEED.

STANDARD LEGEND

- 18" X 18" FLOURESCENT RED/ORANGE OR ORANGE/RED WARNING FLAG
- ● STRIPED DRUM
- Ⓣ TEMPORARY POST MOUNTED SIGN-NO FLAGS REQUIRED-(OFF SHOULDER) --FOR LONG TERM LANE CLOSURE SUCH AS STATIONARY OPERATIONS, BRIDGE WIDENING PROJECTS, ETC. (7' MOUNT HEIGHT)
- Ⓚ PORTABLE MOUNTED SIGN-FLAGS REQUIRED-(ON SHOULDER) --FOR SHORT TERM LANE CLOSURE SUCH AS MOVING OPERATIONS, RESURFACING PROJECTS, ETC. (1' TO 3' MOUNT HEIGHT)
- ▲ TRAFFIC CONE - 28" MIN. (DAYTIME USE ONLY)
- SEQUENTIAL OR FLASHING ARROW
- WORK AREA

GENERAL NOTES:

1. ALL TRAFFIC CONTROL DEVICES SHALL BE MADE AND ERECTED IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS; THE MUTCD; THE GEORGIA STANDARD SPECIFICATIONS, AND/OR SPECIAL PROVISIONS.
2. ALL TRAFFIC CONTROL DEVICES SHALL BE AS SHOWN, OR AS DIRECTED BY THE ENGINEER. ADDITIONAL DEVICES MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.
3. ALL PORTABLE MOUNTED SIGNS SHALL BE MOUNTED SO THAT THE BOTTOM OF THE SIGN WILL BE BETWEEN 1' AND 3' ABOVE THE PAVEMENT EDGE. ALL TEMPORARY POST MOUNTED SIGNS SHALL BE MOUNTED SO THAT THE BOTTOM OF THE SIGN SHALL BE 7' MINIMUM ABOVE PAVEMENT EDGE.
4. WHEN THE CONSTRUCTION AREA HAS ENTRANCE/EXIT RAMPS OR INTERSECTIONS, WORK WILL BE PERFORMED IN SUCH A MANNER TO PERMIT TRAFFIC TO OPERATE WITH THE LEAST AMOUNT OF INCONVENIENCE AS POSSIBLE. ADDITIONAL CHANNELIZATION AND SIGNING SHALL BE INSTALLED, AS REQUIRED, TO ALLOW TRAFFIC TO REMAIN AS OPERATIONAL AS POSSIBLE. WHEN ENTRANCE/EXIT RAMPS/INTERSECTIONS ARE INOPERABLE, FLAGGERS WILL BE UTILIZED TO CONTROL AND PROHIBIT MOVEMENT INTO THE PROJECT AT THAT POINT UNTIL CONSTRUCTION HAS CLEARED THE RESTRICTION SUFFICIENT TO RETURN TO OPERATIONAL STATUS.
5. FOR NIGHT TIME OPERATIONS ALL CHANNELIZING DEVICES IN THE TAPERS ONLY SHALL HAVE 10"x10" YELLOW PANELS WITH TYPE V SHEETING. SPACING SHALL BE AS SHOWN. DURING DAYLIGHT HOURS ONLY, CONES (28" MIN.) MAY BE USED FOR LONGITUDINAL CHANNELIZATION ONLY.
6. SIGNS SHOWN HERE ARE IN ADDITION TO ALL ADVANCE WARNING SIGNS REQUIRED IN SECTION 150. WARNING FLAGS AND FLASHING LIGHTS ON SIGNS SHALL BE AS REQUIRED BY SECTION 150.
7. A PORTABLE SELF-SUSTAINED SEQUENTIAL OR FLASHING ARROW SIGN SHALLBE USED AT THE BEGINNING OF EACH LANE CLOSURE.
8. WHEN NOT IN USE, PORTABLE SIGNS SHALL BE REMOVED FROM THE TRAVELWAY SO THAT THE MESSAGE IS NOT VISIBLE TO THE MOTORIST. INTRIM SIGNS THAT ARE PERMANENT MOUNTED SHALL BE COVERED WHEN NOT APPLICABLE. SEE SECTION 150.
9. PAYMENT FOR TRAFFIC CONTROL SHALL BE PER SECTION 150.
10. (a) ON PROJECTS WITH LOW OR SOFT SHOULDERS, THE CONTRACTOR SHALL ERECT IMMEDIATELY AHEAD OF CONSTRUCTION OPERATIONS "LOW/SOFT SHOULDER" WARNING SIGNS AT THE PROJECT TERMINI, AT INTERVALS NOT TO EXCEED ONE MILE AND IMMEDIATELY PAST EACH CROSSROAD.
    (b) WHERE THE CONTRACTOR IS NOT RESPONSIBLE FOR SHOULDER CONSTRUCTION, THE DEPARTMENT WILL FURNISH THESE SIGNS FOR THE CONTRACTOR TO PICK-UP, TRANSPORT AND ERECT, THE DEPARTMENT WILL LATER REMOVE AND RETAIN THE SIGNS.

DATE	REVISION	BY
		DES. ___ DRW. ___ TRA. ___ CHK. ___

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

STANDARD
TRAFFIC CONTROL DETAIL
FOR LANE CLOSURE ON MULTI-LANE UNDIVIDED HIGHWAY

NO SCALE — REV. & REDR. JULY, 1999

(SUBMITTED) STATE ROAD & AIRPORT DESIGN ENGINEER
(APPROVED) CHIEF ENGINEER

NUMBER 9107