



## CITY OF POOLER, GEORGIA

### NOTICE TO CONTRACTORS AND INVITATION / ADVERTISEMENT FOR BIDS FY 2023 PAVING PROJECTS

#### ADVERTISEMENT

The City of Pooler Public Works Department is soliciting bids for construction to furnish all materials, labor, tools, equipment, and services necessary, including traffic control, for FY 2023 Paving Projects. The Contractor shall furnish all materials, labor, tools, equipment and services required, including traffic control, to complete the project and fulfill the terms and conditions of this Invitation to Bid. The complete Invitation to Bid Package may be obtained by contacting:

Rachele Brown, Public Works Coordinator; City of Pooler Public Works Department  
1095 S. Rogers Street; Pooler, Georgia 31322; T: 912.330.8650; Email: [Rbrown@pooler-ga.gov](mailto:Rbrown@pooler-ga.gov)

There will be a mandatory pre-bid conference on April 4, 2023, at 10:00AM in the Pooler Public Works office conference room, located at 1095 S. Rogers St. Pooler, GA 31322. All interested Parties are required to attend.

No bid will be considered unless it is accompanied by a certified check or acceptable bid bond in an amount not less than five percent (5%) of the amount bid and made payable to the City of Pooler Finance Department. Such Bid Bond shall be on the forms provided by the City. The BID BOND shall be forfeited to the City of Pooler Finance Department as liquidated damages if the BIDDER fails to execute the CONTRACT and provide PERFORMANCE BOND and PAYMENT BOND within ten (10) calendar days after being notified that he has been awarded the Contract.

Payment will be made on a monthly basis for work performed the previous month, less retainage. Until 50% of the value of the contract (including change orders and additions), or if the Contractor fails to maintain his construction schedule to the satisfaction of the Engineer, the City will retain 10% of the gross value of the completed work as indicated by the current estimate approved by the Engineer. After the contract (including change orders and additions) is 50% complete, there shall be no additional retainage withheld unless the work is determined to be unsatisfactory or has fallen behind schedule.

Each Bidder is required to submit a "Schedule of Bid Items and Unit Prices", "Bid Form", "Project Schedule", "Contractor Affidavit", "Georgia Security and Immigration Compliance Act of 2006", "Non-Collusion Affidavit" and "Contractors credentials information".

The City of Pooler City Clerk will receive sealed bids until April 20, 2023, at 2:00 PM EST at Pooler City Hall; 100 SW Highway 80, Pooler, Georgia 31322. Bids received after this time will not be accepted. Bids will be publicly opened and read aloud in the 3<sup>rd</sup> Floor Executive Conference Room. The contract will be awarded to the low qualified, responsive, and responsible bidder whose combined bid meets the requirements and criteria set forth in the advertisement for bids; provided, however, that if the bid from the lowest responsible and responsive bidder exceeds funds budgeted for the contract, the City may negotiate with such apparent low bidder to obtain a contract price within the budgeted amount. Such negotiations may include changes in the scope of work and other bid requirements. The City of Pooler reserves the right to reject any of all bids, and to waive formalities. Bids shall not be withdrawn by Bidders for 60 days following opening of the bids. Contractor shall honor bid prices for a period of 60 days or until award has been made. Furthermore, Contractor shall honor contract unit pricing for duration of project after execution of contract agreement.

The Completion Date for this Contract shall be 100 calendar days from the date of the NOTICE TO PROCEED.

#### PROJECT DESCRIPTION

The City of Pooler is soliciting bids for the resurfacing work along portions of Benton Boulevard (0.42 miles), Memorial Boulevard (0.50 miles), and S.H. Morgan Parkway (0.76 miles). Each project includes traffic control, milling along the



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entire project length, removal, replacement and/or patching of failing road base sections of the pavement system as identify by the City staff. The scope of each project will also include the repairs and/or resurfacing to the pavement system of all the driveways connecting to this roadway. Residential driveways shall be paved up to 10 FT from the outside edge of the pavement of the travel lane. Intersecting commercial driveways and local streets shall be paved to the radius return or as directed by City staff. Work along S.H. Morgan shall also include the replacement of concrete gutter, curb and valley gutters as identify by the City staff. All materials and installation procedures must comply with the latest "State of Georgia Supplemental Specifications Modifying of the 2013 Standard Specifications Construction of Transportation Systems" issued by GDOT. Also, this project must comply with all applicable GDOT Standard Construction Details and all the exhibits included in this RFP.

#### Scope of Services:

**Traffic Control:** Provide traffic Control during the entirety of the project. The contractor must submit a traffic control plan that meets all of the latest guidelines and specification of MUTCD and GDOT. See GDOT Special Provision Section 150 – Traffic Control.

**Patching:** Bituminous patching of all the areas identified by the City staff and their consultant. City staff and consultant will identify any failure of the road base in those area to be patched. The road base in those areas will have to be removed and replaced per GDOT standards. The limits of this work will include all driveways and roadways connected to this parkway, up to 10 FT from the outside edge of the pavement of the travel lane. See exhibit A-3. The patching should comply with all the requirements of GDOT Section 400 - Hot Mix Asphaltic Concrete Construction and all related references.

**Miscellaneous concrete work:** Repair (removal and replacement) all concrete curb, gutters, and valley swales identified in the pre-construction meeting by the City staff and their consultant which are located within this project. All cuts must be saw-cuts, and all additional construction joints, seals and bonding materials must be included in your Lump Sum cost. All materials have to be submitted and approved by the City and/or its consultant. See GDOT Section 500 – Concrete Structures.

**Asphalt Milling:** All asphalt milling must be done in accordance the exhibits A-1A, A-1B, A-2, B, and C. Also, a 50 FT transition of the asphalt milling, at both ends of the project, must match cross-section A-A and B-B, see exhibits A-1A and A-2. Also, both travel lanes of the roadway have a 4 FT transition from the outside edge of the pavement to the (3/8")/FT.

**Miscellaneous top adjustment:** The top of all manholes and valve boxes must be adjusted to be flushed with the new pavement surface.

**Bituminous resurfacing:** This work includes constructing of two courses of bituminous plant mixture on an existing roadway surface in accordance to the information and cross-section provided in exhibits A, A-1A, A-1B, A-2, A-3, B and C. The mixture shall conform with the exhibits and cross sections provided in this document. This section includes the requirements for all bituminous plant mixtures regardless of the gradation of the aggregates, type and amount of bituminous material, or pavement use. The bituminous mixtures should comply with all the requirements of GDOT Section 400 - Hot Mix Asphaltic Concrete Construction and all related references. See Exhibits

**Thermoplastic Traffic Stripe:** This work includes furnishing and applying thermoplastic reflectorized pavement marking compound. Ensure that markings conform to the existing marking and locations, specifications of GDOT



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Section 653 - Thermoplastic Traffic Stripe and MUTCD. Thermoplastic traffic stripe consists of solid or broken (skip) lines, words, and symbols according to Plan color, type, and location. See GDOT details T-11A and T-12B.  
Raised Pavement Markers: This works includes the requirements for raised pavement marker materials for use in reflective, ceramic, and channel markers. Ensure that RPM conform to the specifications of GDOT Section 919 - Raised Pavement Markers. See GDOT detail T-15C.

#### GDOT Specifications:

GDOT Specification Section 400 is located at:

[Section 400 Hot Mix Asphaltic Concrete Construction \(ga.gov\)](#)

2021 MUTCD:

<https://mutcd.fhwa.dot.gov/>

GDOT Traffic Control:

[http://www.dot.ga.gov/PartnerSmart/Business/Source/special\\_provisions/shelf/sp150.pdf](http://www.dot.ga.gov/PartnerSmart/Business/Source/special_provisions/shelf/sp150.pdf)

GDOT Specification Section 500 is located at:

[http://www.dot.ga.gov/PartnerSmart/Business/Source/special\\_provisions/supplementals/su500.pdf](http://www.dot.ga.gov/PartnerSmart/Business/Source/special_provisions/supplementals/su500.pdf)

#### Exhibits and Details:

GDOT Construction Standards and Details are located at:

<http://mydocs.dot.ga.gov/info/gdotpubs/ConstructionStandardsAndDetails/Forms/AllItems.aspx>

GDOT details: T-11A, T-12B, T-15C

Special Paving Specifications: Attached

[Polymeric Composite Paving Interlayer Grid for Asphalt Pavement Overlay Reinforcement](#)

#### Exhibits:

Benton Blvd.

See attached exhibits A1 (Project Location), A1-1A (Roadway Typical Section), A-3 (patching detail)

Memorial Blvd.

See attached exhibits A2 (Project Location), A2-1A (Roadway Typical Section 1), A2-1B (Roadway Typical Section 2), A2-1C (Roadway Typical Section 3), A-3 (patching detail)

S.H. Morgan

See attached exhibits A3 (Project Location), A3-1A (Roadway x-section A-A), A3-1B (Detail X-section A-A), A3-2 (roadway x-section B-B), A-3 (patching detail), B3 (50 FT x-section transition near Pooler PKWY) and C3 ((50 FT x-section transition near Seabrook PKWY).

The Contractor shall perform all work in accordance with the City of Pooler's Standard Specifications and Details, Georgia Department of Transportation (GDOT) Standards and Specifications and the Manual on Uniform Traffic Control Devices (MUTCD).



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#### CONTRACTOR RESPONSIBILITIES

Contractor responsibilities include, but are not limited to:

- A. The Contractor shall provide traffic control in accordance with the MUTCD.
- B. Contractor shall sweep all roads prior to tack coat.
- C. Contractor shall provide cores. Thickness measurements are required. Results and cores shall be delivered to City of Pooler Public Works Department. Testing shall be included in unit pricing.
- D. Contractor shall be responsible for verifying striping quantities and locations.
- E. Contractor shall place temporary striping on centerline for "cure" time prior to all thermoplastic paint being placed.
- F. Contractor shall adhere to Asphalt Thickness Tolerance as per GDOT Specifications.

The Contractor shall be responsible for the adjustment of utilities, including the adjustment of valve covers and manholes to finish grade following final paving. The Contractor shall be responsible for coordinating with the utility owners prior to any utility adjustments as necessary. The Contractor shall be responsible for clearing right-of-way obstructions as a part of the work.

#### PROJECT SCHEDULE

The Contractor shall begin work within twenty (20) days of Notice to Proceed by the City of Pooler Public Works Department and shall be carried through to completion without unreasonable delay and without suspension of work unless authorized in writing by the City of Pooler Public Works Department.

#### WARRANTY

The warranty period shall be for one (1) year minimum from the date of final acceptance by the City. Work not conforming to these requirements, including substitutions not properly approved and authorized, may be considered as defective. The Contractor also certifies that the services to be rendered pursuant to this Invitation to Bid shall be performed in accordance with the standards customarily provided by an experienced and competent professional rendering the same or similar services.

#### CHANGES

The City, without invalidating any contracts awarded based on this Invitation to Bid, may order changes within the general scope of the services required to complete the work, by altering, adding to and/or deducting from the services to be performed. If any changes under this clause cause an increase or decrease in the Contractor's total cost of, or time required for, the performance of any part of the work, an equitable adjustment shall be made by mutual agreement and the Contract shall be modified in writing accordingly. All such changes in services shall be in writing. All the bid item prices covered under modifications shall be based on the current Means periodicals.

#### PAYMENT

The quantities shown are approximates only and subject to increase or decrease and any increases or decreases are to be paid for at the contract unit prices submitted.



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#### BIDDING INFORMATION

A. Submission

The following information shall be included:

1. Schedule of Bid Items and Unit Prices
2. Bid Form
3. Project Schedule, Estimating Number of Days for Completion from NTP
4. Contractor Affidavit
5. Georgia Security and Immigration Compliance Act of 2006
6. Non-Collusion Affidavit

B. Selection

The contract shall be awarded to the low certified, responsive and responsible bidder with reservation of right to reject all bids.

C. Qualification of Bidders

To bid on this work, the Contractor must be a GDOT pre-qualified contractor.

D. Bid Security

The Contractor shall be required to provide bonds.

#### **SURETY BOND REQUIREMENTS (CHECKED WHERE APPLICABLE):**

- A. Bidder shall post a Bid Bond, Certified Check, or Money Order made payable to the City of Pooler Finance Department in the amount of 5% of the Bid price.
- B. Contractor(s) shall post a Payment/Performance Bond, Certified Check, or Money Order made payable to the City of Pooler Finance Department, in the amount of 100% of the Bid price if awarded the contract or purchase. Bond(s) are due prior to contract execution as a guarantee that goods meet specifications and will be delivered in accordance with the contract document. Bond(s) will also guarantee quality performance of services and timely payment of invoices due any sub-contractors.
- C. Whenever a Bond is provided, it shall be executed by a surety authorized to do business in the State of Georgia and approved by City of Pooler.
- D. Bidder acknowledges City of Pooler's right to require a Performance Bond of specific kind and origin.
- E. Forfeit in the amount of the Bid Bond as liquidated damages if he/she fails to enter into a contract with the City of Pooler to do and/or furnish everything necessary to provide service and/or accomplish the work stated and/or specified in this Bid Proposal for the Bid amount, and;
- F. Forfeit the amount of the Performance Bond as liquidated damages if he/she fails to execute and fulfill the terms of the contract entered. The amount of forfeiture shall be:
1. The difference between his/her Bid and the next lowest, responsible Bid that has not expired or been withdrawn, or;
  2. The difference between his/her Bid and the lowest, responsible Bid received as a result of re-Bidding, including all costs related to re-Bidding.
- E. Basis of Bid; Comparison of Bids



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The bid shall represent the total cost to perform all necessary tasks to deliver the finished product. Bidders shall submit a total base bid price. Discrepancies between the multiplication of units of work and unit prices may be resolved in favor of the unit prices. Discrepancies between the indicated sum of any column of figures and the correct sum thereof may be resolved in the favor of the correct sum. Discrepancies between words and figures may be resolved in favor of the words.

#### INSTRUCTIONS, TERMS AND CONDITIONS

A. Instructions for Submitting Bids

Interested bidders must submit two (2) sealed copies of bid no later than 2:00 PM EST on April 20, 2023, to the following:

Kiley Fusco, City Clerk  
City of Pooler  
City Hall  
100 SW Highway 80  
Pooler, Georgia 31322  
T: 912.748.7261  
Email: [kfusco@pooler-ga.gov](mailto:kfusco@pooler-ga.gov)

Bids received after the above date and time or in any location other than the office stated above will be rejected. Bids may not be withdrawn by Bidders for 60 days following opening of the bids. Contractor shall honor bid prices for a period of 60 days or until award has been made. Furthermore, Contractor shall honor contract unit pricing for duration of project after execution of contract agreement.

B. Reserved Rights

The City reserves the right to accept or reject any and/or all proposals, to waive irregularities and technicalities, and to request resubmission. Any sole response received by the first submission date may or may not be rejected by the City, depending on available competition and timely needs of the City. The City reserves the right to award the order to the most responsible vendor submitting a proposal, with a resulting negotiated agreement which is most advantageous and in the best interests of the City. The City shall be the sole judge of the proposal, and the resulting negotiated agreement that is in its best interest and its decision shall be final. Additionally, the City reserves the right to make such investigation or to request clarifications, as it deems necessary, to determine the ability of any vendor to complete the delivery of the order.

C. Cost of Preparation of Bid

This Invitation to Bid is not to be construed as a contract or as a commitment of any kind; nor does it commit the City of Pooler to pay for any cost incurred in the submission of a response or for any cost incurred prior to the execution of a formal contract.

D. General Conditions

Upon submission of a bid, the bidder hereby certifies on behalf of his company or organization that:

1. This bid is genuine and not made in the interest of, or on behalf of, an undisclosed person, firm or corporation.
2. This bid is not submitted in conformity with any agreement or rules of any group, association, organization or corporation.
3. The bidder has not directly or indirectly induced or solicited any other bidder to submit a false or sham bid.
4. The bidder has not solicited or induced any person, firm or corporation to refrain from bidding.



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5. The bidder has not sought by collusion to obtain for itself any advantages over any other bidder or over the City of Pooler.
6. No Bidder will be allowed to submit more than one offer. Any alternate proposals must be brought to the Purchasing Agent's attention during the Pre-bid Conference or submitted in writing at least five (5) days preceding the date for submission of bids.
7. All information required by the Invitation to Bid must be completed and submitted to constitute a proper bid. The City shall have sole discretion in evaluating qualifications and responses of Bidders. Bidder acknowledges that in performing a contract for the City of Pooler, Bidder shall not utilize any firms that have been listed on the Federal or State of Georgia Parties Listing (barred from doing business) and will not be considered for contract award. Bidders shall disclose any record of pending criminal violations (indictment) and/or convictions, pending lawsuits, etc., and any actions that may be a conflict of interest occurring within the past five (5) years.

#### E. Equal Opportunity

The City of Pooler prohibits discrimination on the basis of race, color, gender, religion, national origin, or disability in connection with employment of any person, or the award of any contract with the corporation. The City of Pooler will provide equal opportunities without regard to race, color, gender, religion, national origin, or disability, by requiring that any bank doing business with the corporation provide equal opportunity to persons and businesses employed by, or contracting with the supplier of products and services to the Corporation.

#### F. Access to Public Records Act Notice

Each vendor should give specific attention to the identification of those portions of its proposal that it considers confidential, proprietary commercial information or trade secrets, and provide justification as to why such materials, upon request, should not be disclosed.

#### G. Georgia Security and Immigration Compliance Act: E-verify and Save Program

The City of Pooler participates in the Georgia Security and Immigration Compliance Act with regard to Contractors and Subcontractors. The following documents, included in this Invitation to Bid must be completed and submitted with the bid submittal:

1. Georgia Security and Immigration Compliance Act of 2006
2. Contractor Affidavit and Agreement

#### H. Requests for Interpretation (RFI) and Clarifications RFI's shall be submitted in writing, five (5) calendar days before bid due date, to the following:

Rachele Brown, Public Works Coordinator  
City of Pooler Public Works Department  
1095 S. Rogers Street  
Pooler, Georgia 31322  
T: 912.330.8650  
Email: Rbrown@pooler-ga.gov



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#### GEORGIA SECURITY AND IMMIGRATION COMPLIANCE ACT OF 2006

The City of Pooler complies with the requirements of O.C.G.A. 13-10-19 and requires that all contractors and subcontractors comply with Rule 300-10-1-.02 as a condition of awarding contracts.

1. The contractor certifies that the following employee-number category is applicable to the contractor: (initial one only)  
  
    \_\_\_ 10 or more employees  
    \_\_\_ Fewer than 10 employees
2. The contractor agrees that in the event the contractor employs or contracts with any subcontractor(s) in connection with the covered contract, the contractor will secure from the subcontractor(s) such subcontractor(s) indication of the employee-number category applicable to the subcontractor.
3. In the event the contractor employs or contracts with any subcontractor(s) in connection with the covered contract, the contractor will secure from such subcontractor(s) attestation of the subcontractor(s) compliance with O.C.G.A. 13-10-91 and Rule 300-10-1-.02 by the subcontractor's execution of the subcontractor affidavit shown in Rule 300-10-1-.08 or a substantially similar subcontractor affidavit and will maintain records of such attestation for inspection by the public employer at an time. Such subcontractor affidavit shall become part of the contractor/subcontractor agreement.

\_\_\_\_\_  
Signature of Authorized Officer or Agent

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name of Authorized Officer or Agent

\_\_\_\_\_  
Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME ON THIS,  
THE \_\_\_ DAY OF \_\_\_\_\_, 2023.

\_\_\_\_\_  
Notary Public

My Commission Expires on \_\_\_\_\_



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#### CONTRACTOR AFFIDAVIT UNDER O.C.G.A. § 13-10-91(B) (1)

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 \_\_\_\_\_ 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 \_\_\_\_\_, 2023 in \_\_\_\_\_, Georgia.

\_\_\_\_\_  
Signature of Authorized Officer or Agent      \_\_\_\_\_  
Date

\_\_\_\_\_  
Name of Authorized Officer or Agent

\_\_\_\_\_  
Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME ON THIS,  
THE \_\_\_\_ DAY OF \_\_\_\_\_, 2023.

\_\_\_\_\_  
Notary Public

My Commission Expires on \_\_\_\_\_



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#### NON-COLLUSION AFFIDAVIT

State of Georgia; County of \_\_\_\_\_,  
\_\_\_\_\_ being first duly sworn, deposes and says that:

- (1) He/she is (owner, partner, officer, representative, or agent) of the Bidder that has submitted the attached Bid;
- (2) He/she is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid;
- (3) Such Bid is genuine and is not a collusive or sham Bid;
- (4) Neither the said Bidder nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly, with any other Bidder, firm or person to submit a collusive or sham Bid in connection with the Contract for which the attached Bid has been submitted or to refrain from bidding in connection with such Contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Bidder, firm or person to fix the price or prices in the attached Bid or of any other Bidder, or to fix any overhead, profit or cost element of the Bid price or the Bid price of any other bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the or any person interested in the proposed Contract; and
- (5) The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

\_\_\_\_\_  
Signature of Authorized Officer or Agent

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name of Authorized Officer or Agent

\_\_\_\_\_  
Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME ON THIS,  
THE \_\_\_\_ DAY OF \_\_\_\_\_, 2023.

\_\_\_\_\_  
Notary Public

My Commission Expires on \_\_\_\_\_



**CITY OF POOLER, GEORGIA**  
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**ADVERTISEMENT FOR BIDS**  
**FY 2023 PAVING PROJECTS**

**BID FORM**

\_\_\_\_\_  
Bidding Firm's Name

\_\_\_\_\_  
Bidding Firm Address

\_\_\_\_\_  
Bidding Firm's Phone Number

\_\_\_\_\_  
Bidding Firm's Email Address

\_\_\_\_\_  
Total Bid

\_\_\_\_\_  
Signature of Authorized Officer or Agent

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name of Authorized Officer or Agent

\_\_\_\_\_  
Title of Authorized Officer or Agent



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#### SCHEDULE OF BID ITEMS AND UNIT PRICES

S.H. Morgan Parkway, Resurfacing Approximately 4,020 Linear Feet					
Item No.	Description	Unit	Est. Quantity	Unit Price	Bid Price
001-1000	MOBILIZATION-DEMOBILIZATION	LS	LS		
150-1000	TRAFFIC CONTROL	LS	LS		
215-4000	REMOVAL OF SOLID WASTE	LS	LS		
310-5060	GR AGGR BASE CRS, 6 INCH, INCL MATL	SY	200		
432-0210	MILL ASPH CONC PVMT, 2.5 IN DEPTH	SY	4580		
413-1000	BITUMINUS TACK COAT	GL	3760		
415-5000	1 IN ASPH CONC OPEN GRADED CRACK RELIEF INTERLAYER, GP2 ONLY, INCL BITUM MATL & H LIME	TN	985		
402-3130	1.5 IN RECYCLED ASPH. CONC 12.5 mm SUPERPAVE, TYPE 1, GP 2 ONLY, INCL BITUM MATL & H LIME (220 LB/SY)	TN	1565		
402-1802	RECYCLED ASPH CONC PARCHING, INCL BITUM MATL & H. LIME	SY	894		
441-3999	CONC V GUTTER, 8 IN, 4,000 PSI	LF			
441-4030	CONC VALLEY GUTTER, 8 IN, 4,000 PSI	SY			
653-1502	5 IN SOLID YELLOW THERMO PLASTIC STRIP	LF	8140		
652-3502	5 IN SKIP YELLOW THERMO PLASTIC STRIP	GLF	8040		
654-1001	RAISED PAVEMENT MARKER, TYPE 1 YELLOW	EA	204		
Total					



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#### SCHEDULE OF BID ITEMS AND UNIT PRICE

Benton Blvd., Resurfacing Approximately 2212 Linear Feet					
Item No.	Description	Unit	Est. Quantity	Unit Price	Bid Price
001-1000	MOBILIZATION-DEMobilIZATION	LS	LS		
150-1000	TRAFFIC CONTROL	LS	LS		
215-4000	REMOVAL OF SOLID WASTE	LS	LS		
402-3130	1.5 IN RECYCLED ASPH. CONC 12.5 mm SUPERPAVE, TYPE 1, GP 2 ONLY, INCL BITUM MATL & H LIME (220 LB/SY)	TN	1400		
402-1802	RECYCLED ASPH CONC PATCHING, INCL BITUM MATL & H. LIME	TN	500		
413-1000	BITUMINUS TACK COAT	GL	600		
432-0206	MILL ASPH CONC PVMt, 1.5 IN DEPTH	SY	16858		
647-6200	LOOP DETECTOR 6X6 PULSE	EA	4		
647-6300	LOOP DETECTOR 6X40 QUAD	EA	8		
653-0120	TP 2 ARROW, THERMOPLASTIC PVMt MARKING	EA	28		
653-0130	TP 3 ARROW, THERMOPLASTIC PVMt MARKING	EA	3		
653-0210	TP 1 WORD, THERMOPLASTIC PVMt MARKING	EA	2		
653-1704	24 IN SOLID WHITE THERMOPLASTIC STRIPE	LF	248		
653-1501	5 IN SOLID WHITE THERMOPLASTIC STRIPE	LF	6356		
653-1502	5 IN SOLID YELLOW THERMOPLASTIC STRIPE	LF	3860		



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Benton Blvd., Resurfacing Continued...					
653-1804	8 IN SOLID WHITE THERMOPLASTIC STRIPE	LF	1874		
653-3501	5 IN SKIP WHITE THERMOPLASTIC STRIPE	GLF	3896		
653-6004	THERMOPLASTIC TRAFFIC STRIPE, WHITE	SY	180		
653-6006	THERMOPLASTIC TRAFFIC STRIPE, YELLOW	SY	81		
654-1003	RAISED PAVEMENT MARKER, TYPE 3	EA	176		
				Total	



## CITY OF POOLER, GEORGIA

### NOTICE TO CONTRACTORS AND INVITATION / ADVERTISEMENT FOR BIDS

FY 2023 PAVING PROJECTS

#### SCHEDULE OF BID ITEMS AND UNIT PRICE

Memorial Blvd., Resurfacing Approximately 2650 Linear Feet					
Item No.	Description	Unit	Est. Quantity	Unit Price	Bid Price
001-1000	MOBILIZATION-DEMOBILIZATION	LS	LS		
150-1000	TRAFFIC CONTROL	LS	LS		
215-4000	REMOVAL OF SOLID WASTE	LS	LS		
402-3130	1.5 IN RECYCLED ASPH. CONC 12.5 mm SUPERPAVE, TYPE 1, GP 2 ONLY, INCL BITUM MATL & H LIME (220 LB/SY)	TN	847		
402-3130	2.5 IN RECYCLED ASPH. CONC 12.5 mm SUPERPAVE, TYPE 1, GP 2 ONLY, INCL BITUM MATL & H LIME (220 LB/SY)	TN	340		
402-1802	RECYCLED ASPH CONC PATCHING, INCL BITUM MATL & H. LIME	TN	400		
413-1000	BITUMINUS TACK COAT	GL	532		
432-0206	MILL ASPH CONC PVMT, 1.5 IN DEPTH	SY	10232		
432-0210	MILL ASPH CONC PVMT, 2.5 IN DEPTH	SY	2448		
457-XXXX	ASPHALT REINFORCEMENT GRID – POLYMERIC COMPOSITE INTERLAYER	SY	2448		
647--6300	LOOP DETECTOR 6X40 QUAD	EA	2		
653-0120	TP 2 ARROW, THERMOPLASTIC PVMT MARKING	EA	21		
653-1501	5 IN SOLID WHITE THERMOPLASTIC STRIPE	LF	4779		
653-1502	5 IN SOLID YELLOW THERMOPLASTIC STRIPE	LF	4960		



**CITY OF POOLER, GEORGIA**

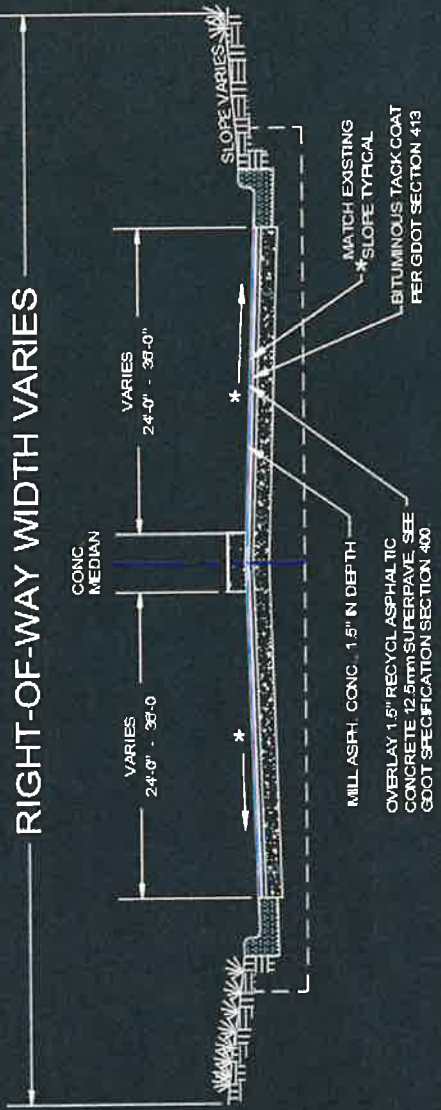
**NOTICE TO CONTRACTORS AND INVITATION /  
ADVERTISEMENT FOR BIDS**

**FY 2023 PAVING PROJECTS**

Memorial Blvd., Resurfacing Continued...					
653-1704	24 IN SOLID WHITE THERMOPLASTIC STRIPE	LF	102		
653-1804	8 IN SOLID WHITE THERMOPLASTIC STRIPE	LF	3043		
653-3501	5 IN SKIP WHITE THERMOPLASTIC STRIPE	GLF	450		
653-6004	THERMOPLASTIC TRAFFIC STRIPE, WHITE	SY	348		
653-6006	THERMOPLASTIC TRAFFIC STRIPE, YELLOW	SY	110		
654-1001	RAISED PAVEMENT MARKER, TYPE 1	EA	108		
654-1003	RAISED PAVEMENT MARKER, TYPE 3	EA	60		
Total					

**EXHIBIT A1**  
**BENTON BLVD., RESURFACING APPROX. 2212 LINEAR FEET**



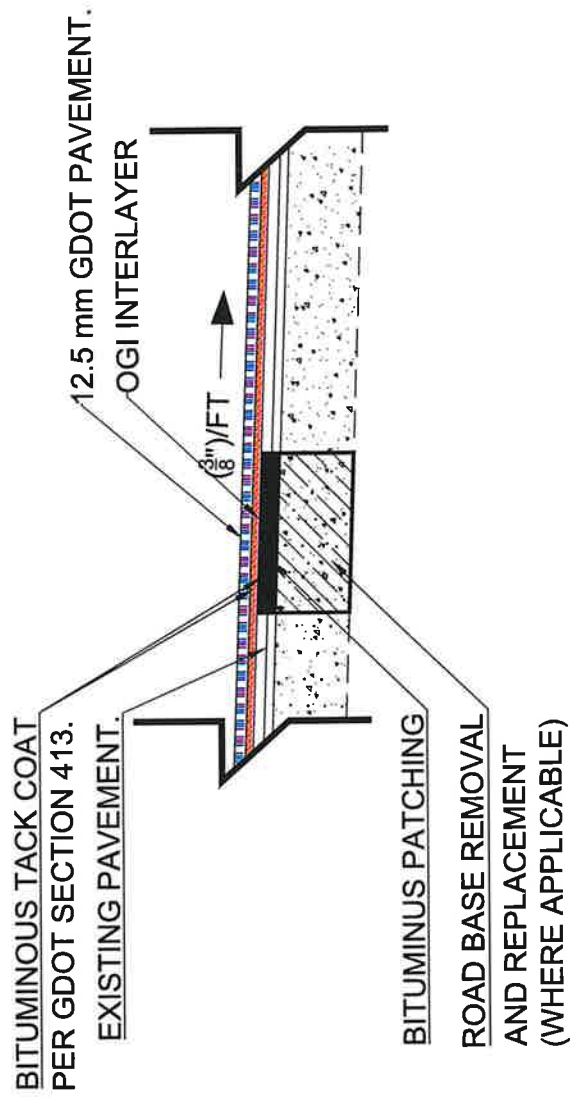


DATED: AUG 2022

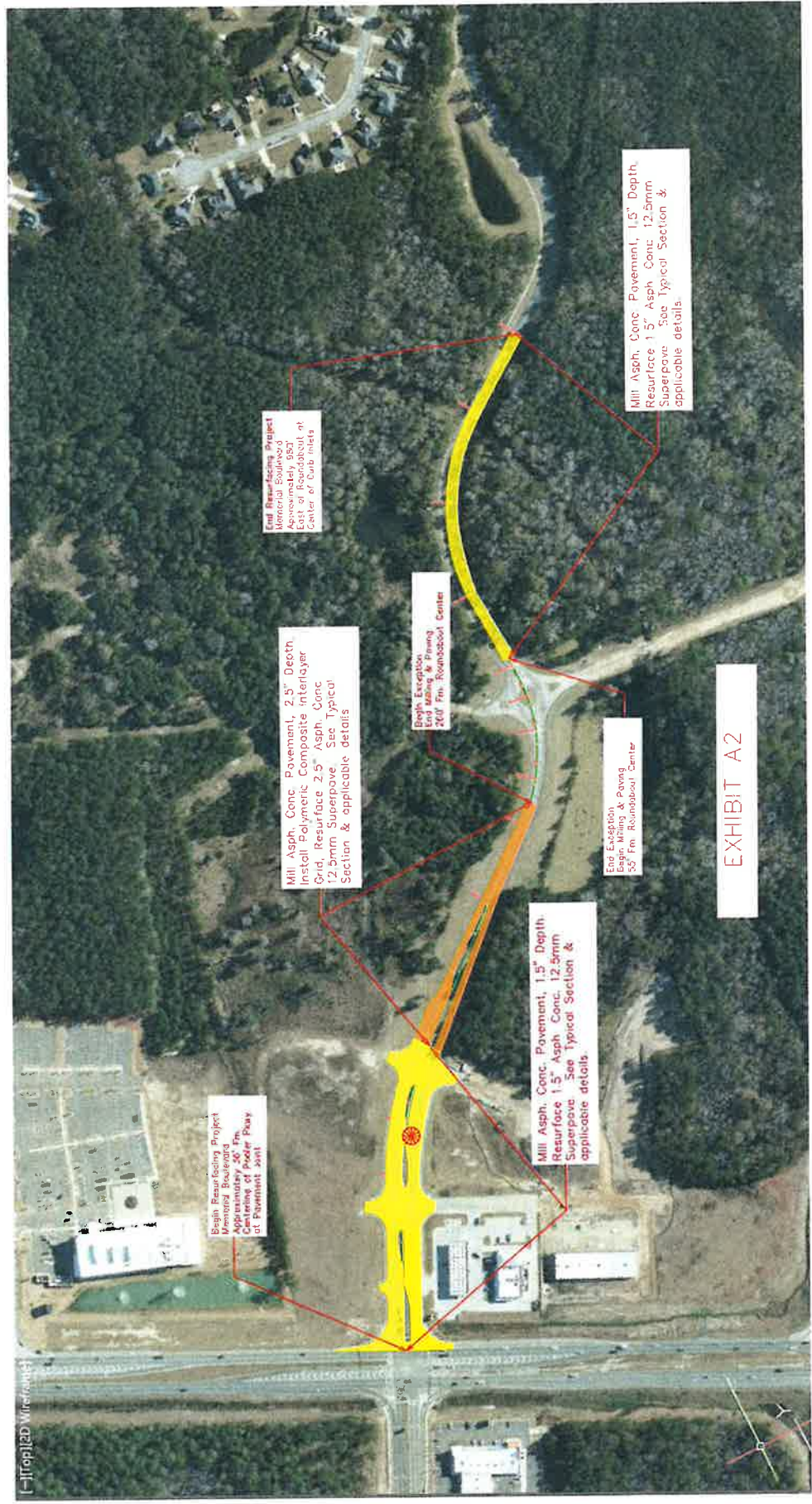
EXHIBIT  
A1-1A

BENTON BOULEVARD  
TYPICAL SECTION

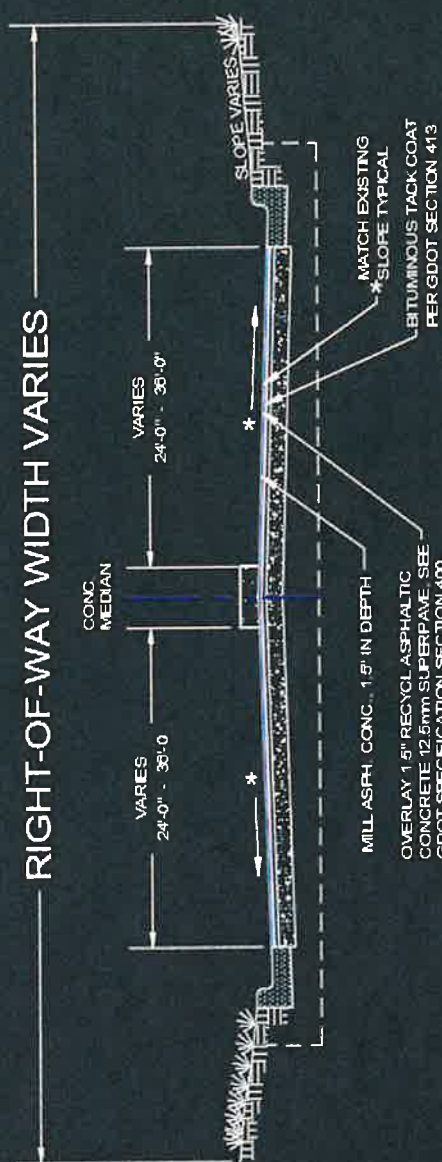
# EXHIBIT A-3



**EXHIBIT A2**  
**MEMORIAL BLVD., RESURFACING APPROX. 2650 LINEAR FEET**



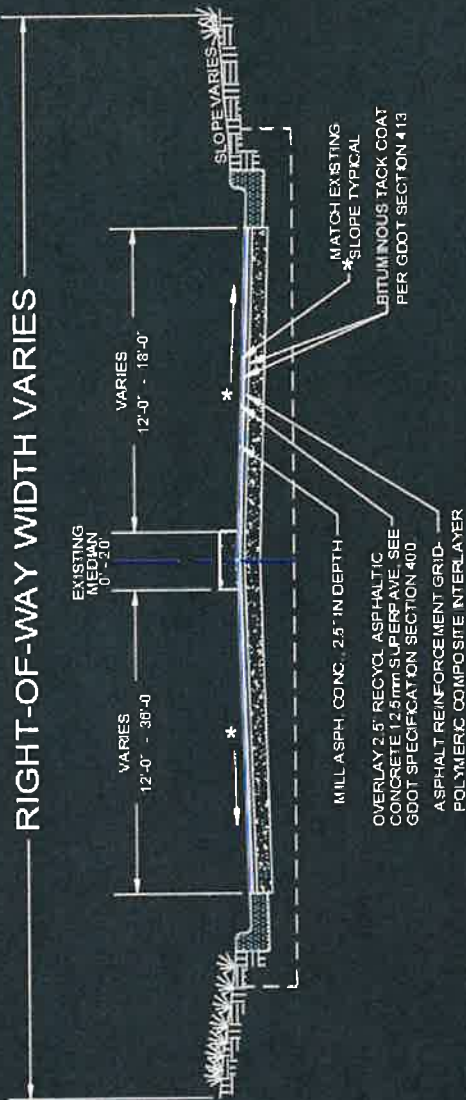
**EXHIBIT A2**



MEMORIAL BOULEVARD  
TYPICAL SECTION 1

DATED: AUG 2022

EXHIBIT  
A2-1A



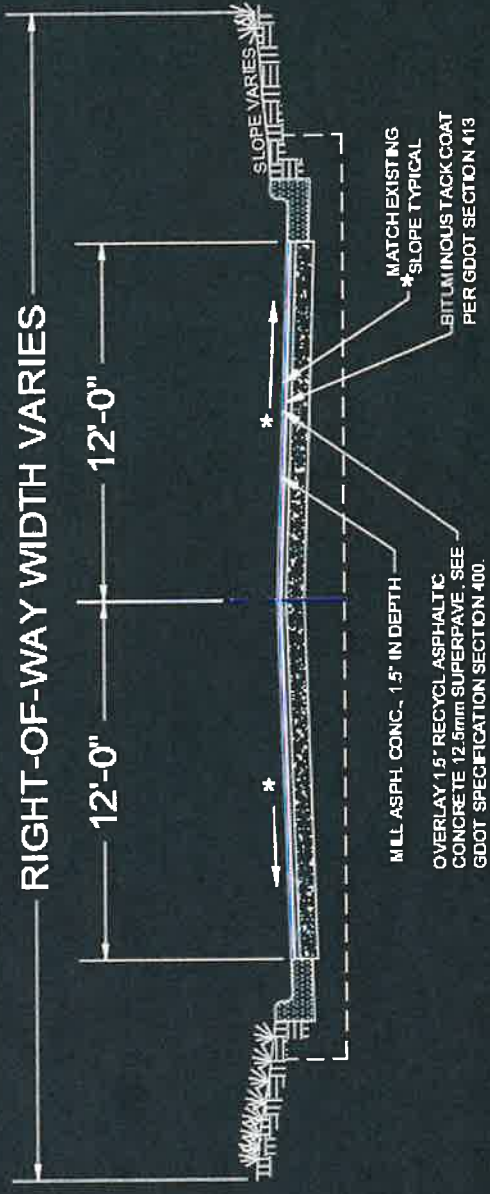
MEMORIAL BOULEVARD  
TYPICAL SECTION 2

DATED: AUG 2022

EXHIBIT  
A2-1B

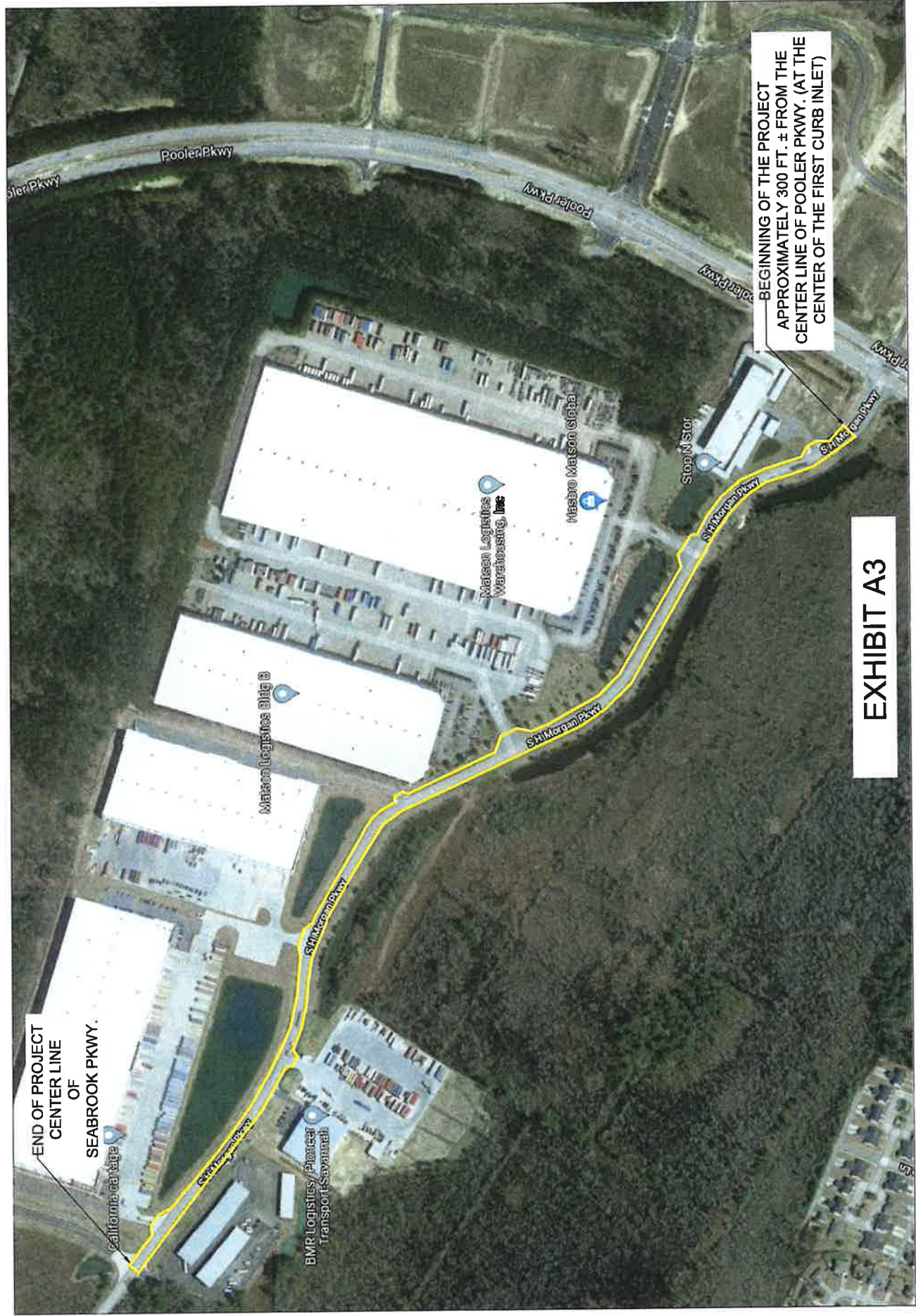
DATED: AUG 2022

# EXHIBIT A2-1C



## MEMORIAL BOULEVARD TYPICAL SECTION 3

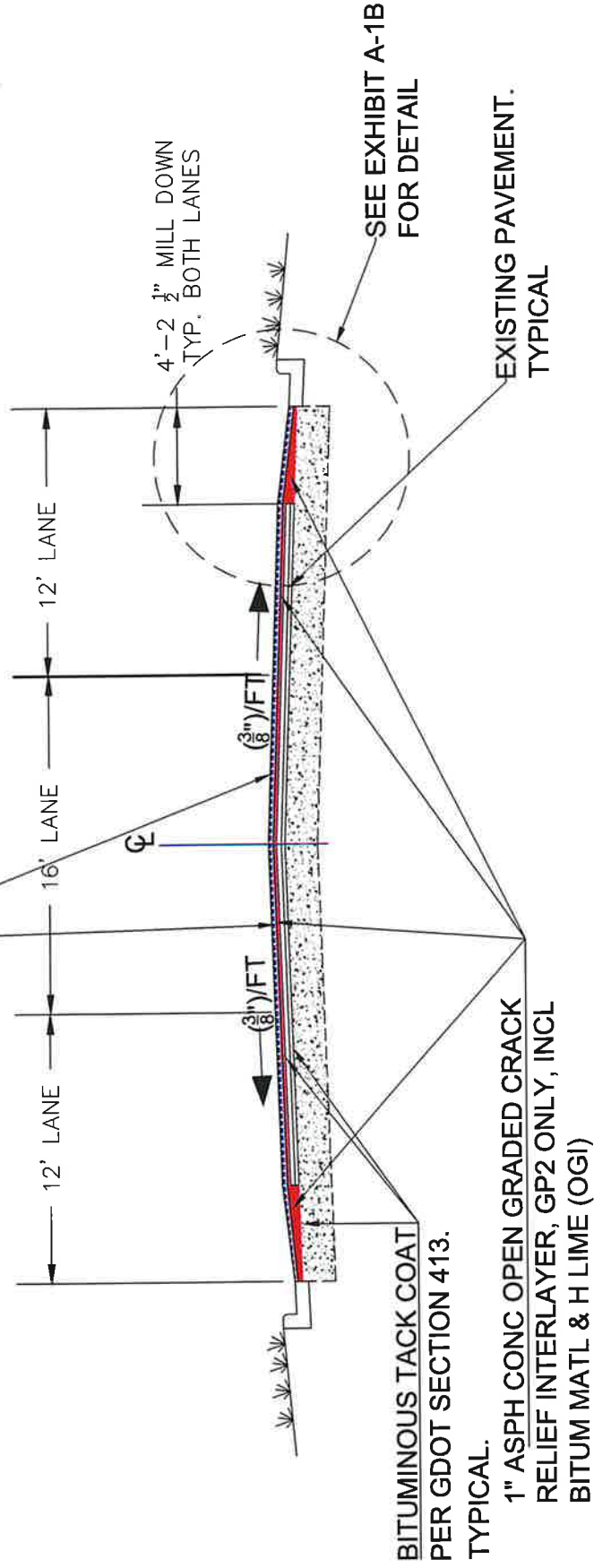
**EXHIBIT A3**  
**S.H. MORGAN PKWY., RESURFACING APPROX. 4020 LINEAR FEET**



**EXHIBIT A3**

# EXHIBIT A3-1A

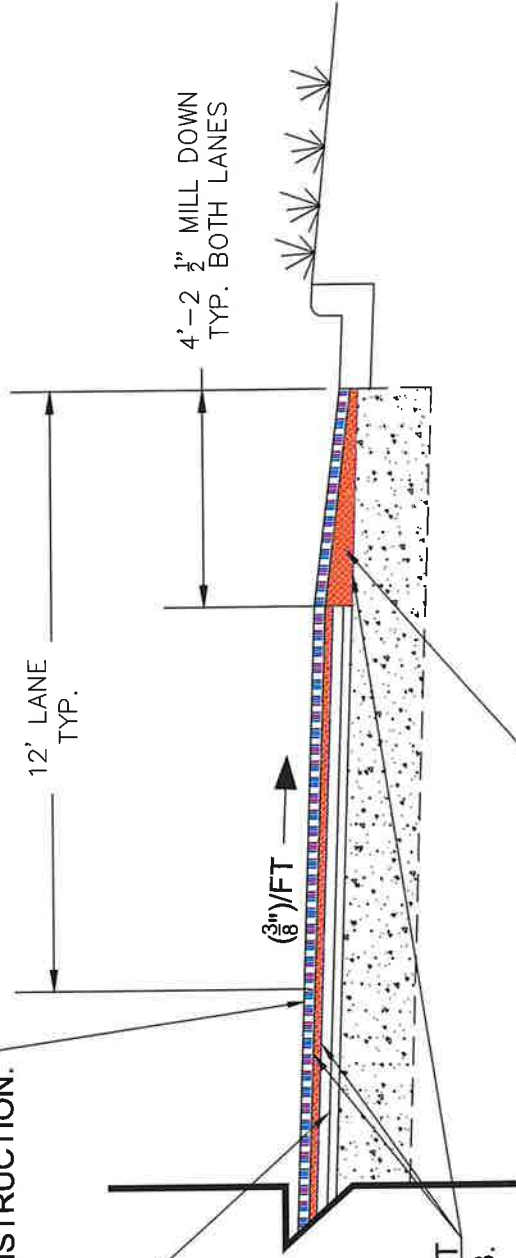
1.5" FLEXIBLE ASPHALTIC CONCRETE SURFACE OF 12.5 mm GDOT PAVEMENT. SEE GDOT SECTION 400- HOT MIX ASPHALTIC CONCRETE CONSTRUCTION.



ROADWAY CROSS SECTION A-A

# EXHIBIT A3-1B

1.5" FLEXIBLE ASPHALTIC CONCRETE  
SURFACE OF 12.5 mm GDOT PAVEMENT.  
SEE GDOT SECTION 400- HOT MIX  
ASPHALTIC CONCRETE CONSTRUCTION.  
EXISTING PAVEMENT.



BITUMINOUS TACK COAT  
PER GDOT SECTION 413.

1" ASPH CONC OPEN GRADED CRACK RELIEF  
INTERLAYER, GP2 ONLY, INCL BITUM MATL & H  
LIME (OGI)

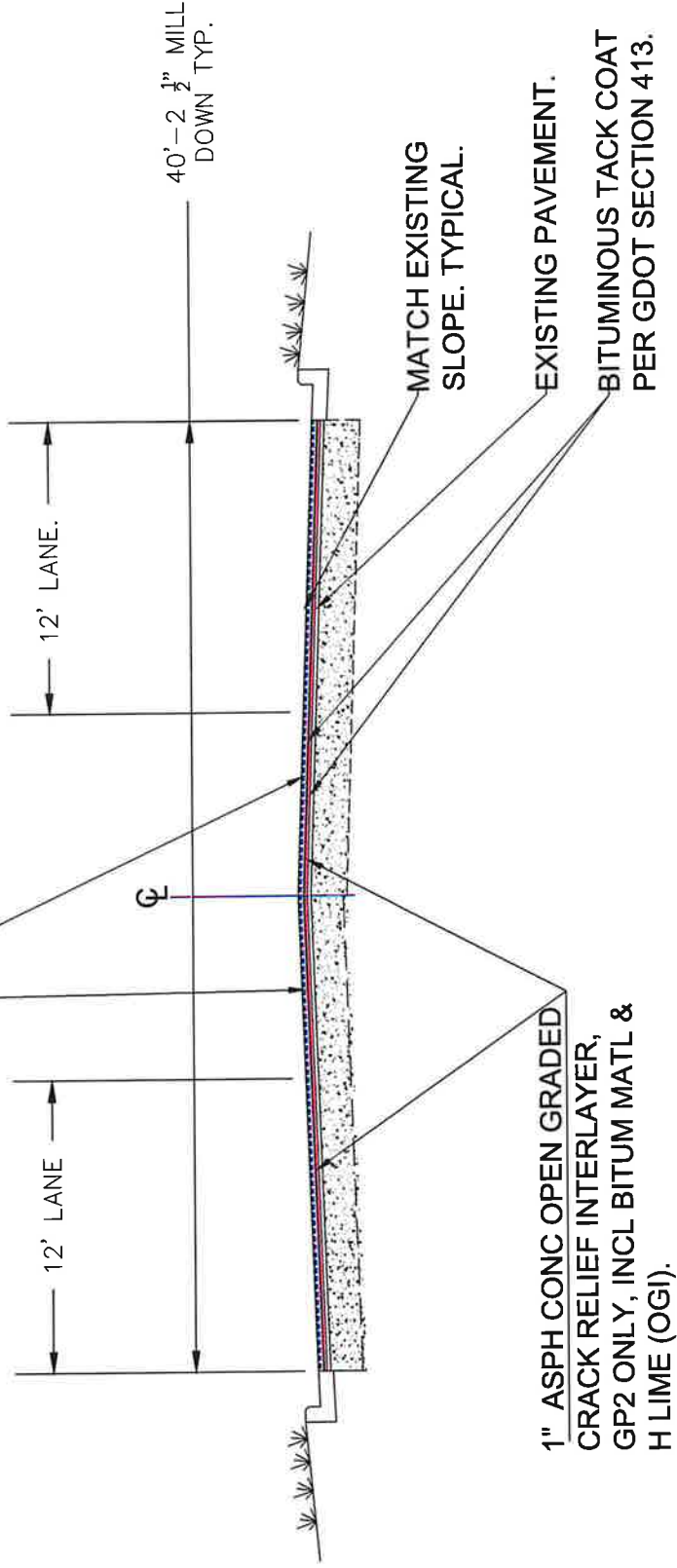
4'-2 1/2" MILL DOWN  
TYP. BOTH LANES

12' LANE  
TYP.

(3/8")/FT

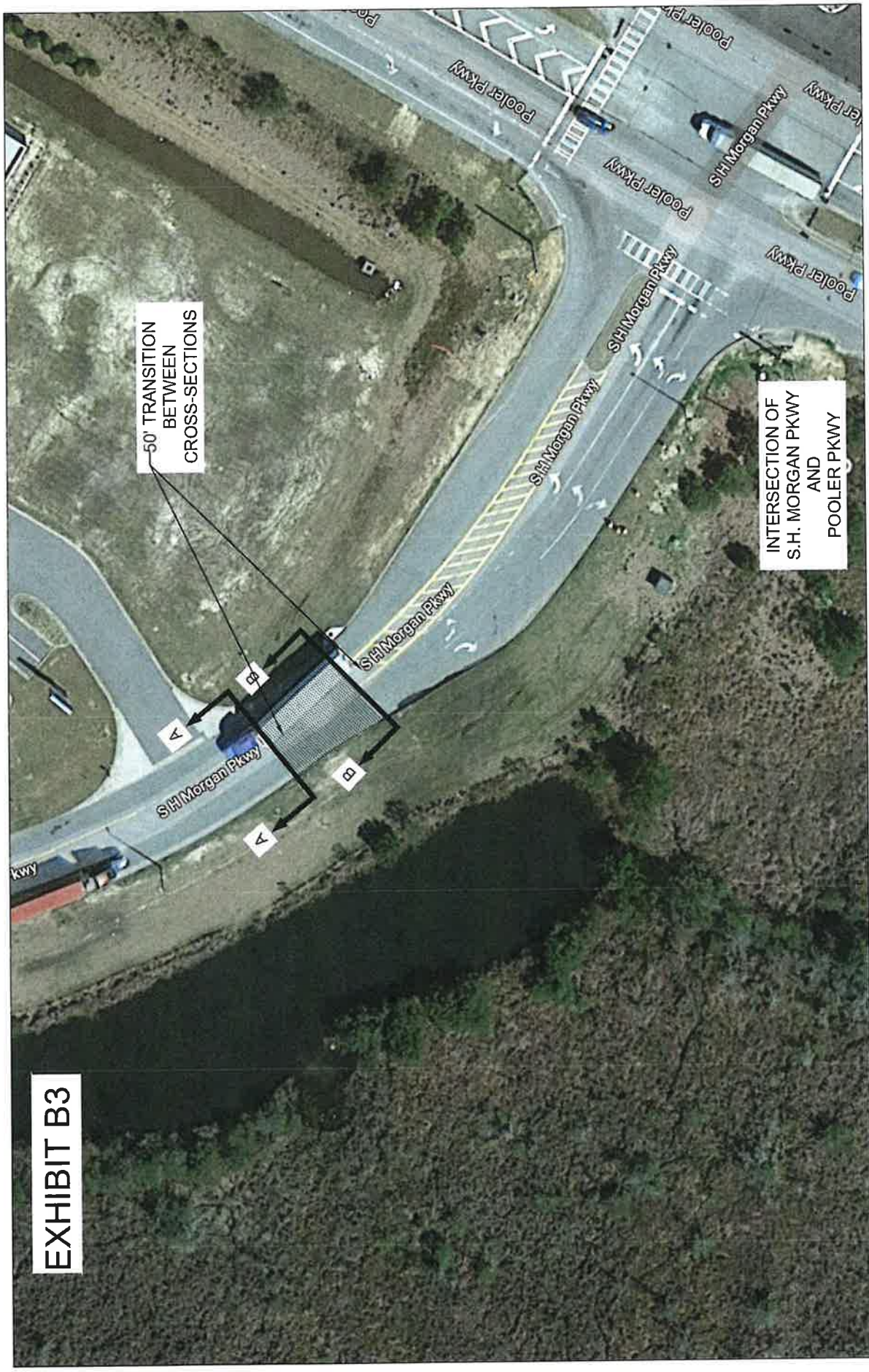
# EXHIBIT A3-2

1.5" FLEXIBLE ASPHALTIC CONCRETE SURFACE OF 12.5 mm GDOT PAVEMENT. SEE GDOT SECTION 400- HOT MIX ASPHALTIC CONCRETE CONSTRUCTION. MATCH EXISTING SLOPE.



ROADWAY CROSS SECTION B-B

**EXHIBIT B3**



50' TRANSITION  
BETWEEN  
CROSS-SECTIONS

INTERSECTION OF  
S.H. MORGAN PKWY  
AND  
POOLER PKWY



## SECTION XXXX

### SPECIFICATION PROVISION Polymeric Composite Paving Interlayer Grid for Asphalt Pavement Overlay Reinforcement

#### 1 GENERAL

##### 1.1 SECTION INCLUDES

- A. Geosynthetic requirements and construction procedures for paving geogrid used for reinforcement of asphalt overlays.

##### 1.2 RELATED SECTIONS

##### 1.3 UNIT PRICES

- A. Method of Measurement/Payment: Measurement for reinforcement can be in square yards, square meters or square feet based on preferred measurement method and includes waste and overlaps. Payment for reinforcement can be in square yards, square meters or square feet based on preferred payment method for total amount purchased and includes waste and overlaps.

##### 1.4 REFERENCES

- A. American Society for Testing and Materials (ASTM)
  - 1. D 4354 Practice for Sampling of Geosynthetics for Testing
  - 2. D 6637 Test Method for Tensile Properties of Geogrids
  - 3. D 4759 Practice for Determining the Specification Conformance of Geosynthetics
  - 4. D 4873 Guide for Identification, Storage, and Handling of Geotextiles

##### 1.5 DEFINITIONS

- A. Minimum Average Roll Value (MARV): Property calculated as typical minus two standard deviations. Statistically, it yields a 95.0% degree of confidence that any sample taken during quality assurance testing will exceed value reported.

## 1.6 SUBMITTALS

### A. Documents to be submitted

1. The contractor shall provide to the Engineer a certificate stating the name of the manufacturer, product name, style number, chemical composition of the product and other pertinent information to fully describe the geosynthetic. The certification shall state that the furnished geosynthetic meets MARV requirements of the specification as evaluated under the Manufacturer's quality control program.

## 1.7 QUALITY ASSURANCE

### A. Manufacturer Qualifications

1. The manufacturing facility shall be ISO 9001 registered.

## 1.8 DELIVERY, STORAGE, AND HANDLING

- A. Contractor shall inspect the geogrid rolls upon delivery to ensure that the proper material has been received.
- B. During all periods of shipment and storage, the geogrid shall be wrapped in a protective poly wrap and not exposed to temperatures exceeding 150° F. General storage and handling of the geogrid rolls shall be in accordance with procedures identified in ASTM D 4873. Product labels shall clearly show the manufacturer or supplier name, style name, and roll number.

## 2 PRODUCTS

### 2.1 MATERIALS

#### A. Asphalt Reinforcement Geogrid

1. The geogrid reinforcement shall consist of polyester (PET) yarns with a bituminous asphalt coating and a lightweight Polypropylene nonwoven fabric bonded to the grid. The geogrid material shall be as listed in **Table 1** or as shown on the plans.

2. Geogrids shall conform to the physical properties listed in **Table 1**. All values are Minimum Average Roll Values (MARV) based on a 95% confidence level unless a range is indicated.

<b>TABLE 1 Geogrid Physical Properties for Reinforcement of Asphalt Overlays</b>	
<b>Property</b>	<b>Units</b>
<b>Mass/Unit Area, oz/yd<sup>2</sup></b> (ASTM D 5261)	8
<b>Aperture Size, inches</b> (Measured)	1.5 x 1.5
<b>Open Area of Grid</b> (CWO 22125)	>80%
<b>Tensile Strength-Single Rib, lb/ft</b> (ASTM D 6637)	3,425 x 3,425
<b>Tensile Strength at 3% Strain, lb/ft</b> (ASTM D 6637)	835 x 835
<b>Elongation at Break, %</b> (ASTM D 6637)	<10%
<b>Identification of Fibers, °F (°C)</b> (ASTM D 276)	490 (255)
<b>Asphalt Retention</b> (ASTM D-6140)	0.10 gal/yd <sup>2</sup>
<b>Roll Size, feet</b>	12.50 x 492.1

3. Acceptable Products for this specification are HaTelit C-40/17 from HUESKER, Inc., Charlotte, NC or Engineer approved equal.

## 2.2 QUALITY CONTROL

- A. Geogrid delivered to the site shall be subject to sampling and testing to verify specification conformance. Sampling for conformance testing shall be in accordance with ASTM D 4354 and performed at the contractor's expense. Conformance of the geogrid material shall

be established in accordance with ASTM D 4759 and Table 1 physical properties.

### 3 EXECUTION

#### 3.1 PREPARATION

A. **SURFACE PREPARATION.** The material must always be installed between two bituminous surfaces. A non-bituminous surface should be covered with a bituminous regulating surface. The surface upon which the material is to be placed shall be free of all loose milled asphalt, dirt, gravel, water, and vegetation. Cracks wider than 1/8 of an inch shall be sealed with an asphalt sealer meeting the requirements of the asphalt sealer specifications. Repair larger cracks, potholes, depressions and irregularities. Material may be installed directly onto a milled surface. A leveling course may be required should irregularities be excessive and as required by the engineer.

B. **APPLICATION OF TACK COAT.** A tack coat must be applied uniformly and without streaking to the pavement surface prior to installation of the Geogrid reinforcement. Tack coat can be either 100% asphalt binder or an emulsion. Tack Coat shall be applied per Manufacturers Installation Guidelines and based on project site-specific conditions. Application of emulsified tack coat shall be calculated based on solids and water content in emulsion.

#### 3.2 INSTALLATION

A. **MATERIAL PLACEMENT.** The geogrid shall be placed directly onto the tack coat, with the geotextile fabric facing down and the geogrid facing up. The geogrid shall be installed taut, without any folds or creases.

Overlap shall be up to six (6) inches on roll edges and up to ten (10) inches at roll ends. Overlap the geogrid in a shingle fashion so that the paving operation does not lift the leading edge of the overlap.

At all geogrid-to-geogrid overlaps at roll ends or curves, spray additional hot tack coat between the geogrid layers and seal tight.

- B. **ASPHALT OVERLAY.** Place a minimum of 2.5 inches of compacted hot mix asphalt above the geogrid or in accordance with project specifications. The paver and delivery vehicles should move carefully over the geogrid-covered surface to avoid displacement. Sharp turns, rapid changes in speed and hard braking should be avoided.
- C. **TECHNICAL SUPPORT.** During the initial phases of installation of pavement reinforcing geogrid, a manufacturer's representative shall be available on site to provide technical support, supervision, and instruction. The Contractor's forces shall install the grid in accordance with the specifications and the directions of the representative.

**END OF SECTION**