

# Thomas County Board of Commissioners

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## Purchasing Department

September 16, 2024  
INVITATION TO BID

### Bridge Maintenance and Rehab

You are invited to submit a sealed bid for providing the following **Bridge Maintenance and Rehab – County Line Road, Summerhill Road, Dollar Store Road, Stage Road, Old Cassidy Road, Bee Line Road, Metcalfe Road, Springhill Road, Boston Monticello Road, Old Quitman Road, Maddox Road, Murphy Road, Patten Coolidge Road, Airline Road, Dillion Road, Clyde Griffin Road, Salem Road, Pope Road, Ozell Road, McKinnon Road, Gatlin Creek Trails, and Gatlin Creek Road.** for the Thomas County Board of Commissioners. Attached are the general conditions, standard instructions, bid specification, and bid form. Variation from the given specifications should be noted on the bid form with an explanation of said variation(s) attached. Bids are to be marked with bidder’s name and address and labeled: **Bid for “2024 Bridge Maintenance and Rehab.”** and mailed or delivered to the following address no later than 2:00 p.m.; local time, Friday, October 18, 2024.

Pre-Bid Conference :	<u>10/04/2024</u> (date)	<u>1:00 pm</u> (time)
Bid Deadline/Opening:	<u>10/18/2024</u> (date)	<u>2:00 Noon</u> (time)
Committee Review:	<u>11/05/2024</u> (date)	<u>8:30 a.m.</u> (time)
Tentative Award Date:	<u>11/12/2024</u> (date)	<u>2:00 p.m.</u> (time)

### **Bid for “2024 Bridge Maintenance and Rehab”**

Address all bids to: THOMAS COUNTY BOARD OF COMMISSIONERS  
ATTN: PURCHASING DEPARTMENT  
P.O. Box 920  
116 West Jefferson Street  
Thomasville, Georgia 31799

Any inquiries concerning this bid should be made to Nisha Thurman, Purchasing at the above location or at (229) 225-4100. [nisha.thurman@thomascountyga.gov](mailto:nisha.thurman@thomascountyga.gov)

**SPECIAL NOTE:** There will be a Mandatory Pre-Bid Conference Friday, October 4, 2024, 1:00 p.m. on Microsoft Teams. You can use the following URL to register and attend virtual meeting:  
**The Pre-Bid Conference is mandatory for anyone that will be submitting a bid.**

[Microsoft Virtual Events Powered by Teams](#)

**UPON RECEIPT OF THIS INVITATION – PLEASE CALL OR E-MAIL CONFIRMATION OF RECEIPT.**

## GENERAL CONDITIONS

No bids received after said time or at any place other than the time and place stated in the notice will be considered.

### WITHDRAWAL OF BID:

A bidder may withdraw his bid before the expiration of the time during which bids may be submitted without prejudice to the bidder, by submitting a written request of withdrawal to the Thomas County Board of Commissioners, Purchasing Department.

### REJECTION OF BID:

Thomas County may reject any and all bids, and must reject a bid of any party who has been delinquent or unfaithful in any formal contract with Thomas County. Also, the right is reserved to waive any irregularities or informalities in any bid in the bidding procedure. Thomas County will be the sole judge which bid is best, and in ascertaining this, will take into consideration the business integrity, financial resources, facilities for performing the work, and experience in similar operation of the various bidders.

### STATEMENT OF EXPERIENCE AND QUALIFICATIONS:

The bidder may be required, upon request, to prove to the satisfaction of Thomas County that he/she has the skill and experience and the necessary facilities and ample financial resources to perform the contract(s) in a satisfactory manner and within the required time. If the available evidence of competency of any bidder is not satisfactory, the bid of such bidder may be rejected, the successful bidder is required to comply with and abide by all applicable federal and state laws in effect at the time the contract is awarded.

### NON-COLLUSION AFFIDAVIT:

By submitting a bid, the bidder represents and warrants that such bid is genuine and not fraudulent or collusive or made in the interest or in behalf of any person not therein named, and that the bidder has not directly or indirectly induced or solicited any other bidder to put in a fraudulent bid, or any other person, firm or corporation to refrain from bidding and that the bidder has not in any manner sought by collusion to secure to that bidder any advantage over any other bidder.

### INTEREST OF:

By submitting a bid, the bidder represents and warrants that neither a commissioner nor Chairman of Thomas County has, in any manner, an interest, directly or indirectly in the bid or in the contract that may be made under it, or in any expected profits to arise therefrom.

### DOCUMENTS DEEMED PART OF THE CONTRACT:

The notice, invitation to bidders, general conditions, and instructions for bidders, special conditions, specifications, bid and addenda, if any, will be deemed part of the contract.



## STANDARD INSTRUCTIONS TO BIDDERS

1. The written specifications contained in this bid will not be changed or superseded except by written addendum from Thomas County. Failure to comply with the written specifications for this bid may result in disqualification by Thomas County.
2. All goods and materials will be F.O.B. Thomas County Board of Commissioners – **Job Sites, Thomasville, Georgia, in Thomas County** and no freight or postage charges will be paid by Thomas County unless such charges are included in the bid price.
3. All bids must be sealed, received and in-hand at bid due date and time. Each bidder assumes the responsibility for having his/her bid received at the designated time and place without consideration, regardless of the postmark. Thomas County accepts no responsibility for mail delivery.
4. Each bid form submitted must include the name of the business, mailing address, the name, title and signature of the person submitting the bid. When submitting a bid package to Thomas County, the first page of your bid package should be the Bid Form listing price, delivery, etc. unless the bid form is requested to be in a separate sealed envelope.
5. No bids received after said time or at any place other than the time and place stated in the notice will be considered.
6. Thomas County may reject any and all bids, and must reject a bid of any party who has been delinquent or unfaithful in any formal contract with Thomas County. Also, the right is reserved to waive any irregularities or informalities in any bid in the bidding procedure. Thomas County will be the sole judge as to which bid is best, and in ascertaining this, will take into consideration the business integrity, financial resources, facilities for performing the work, and experience in similar operation of the various bidders.
7. Telephone bids will not be accepted unless stated in invitation.
8. No sales tax will be charged on any orders. Thomas County is exempt as outlined by Georgia State Law.
9. Bidders will state delivery time after receiving order.
10. Unless otherwise stated, all bids submitted will be valid and may not be withdrawn for a period of 180 days from the due date of the bid.
11. Any bidder who wishes to receive a bid tabulation is required to enclose a self-addressed stamped envelope. The results will be mailed after tabulation is complete. Results of the bids will not be available orally.
12. All responses must be submitted on the provided bid format. Exception from this format will not be accepted. Any offeror who believes that the bid format is unclear shall submit all questions upon receipt.

## Insurance/Bonding:

### A. EVIDENCE OF INSURANCE:

Prior to execution of the contract, the Contractor shall file, with the Owner, evidences of insurance from the insurer, certifying to the coverage of the insurance required herein. The evidences of insurance shall be certified by a properly authorized officer, agent, general agent or qualified representative of the insurer, and shall certify the names of the insured, the type and amount of insurance, the location and operations to which the insurance applies, and the expiration date. The evidences shall include the agreement of the insurer to give, by registered mail, notice to the Owner and at least 30 calendar days prior to the effective date of cancellation, lapse, or material change in the policy.

### B. CERTIFICATE OF INSURANCE:

This Certificate of Insurance is not an insurance policy and does not amend, extend or alter the coverage afforded by the policies listed herein. Notwithstanding any requirement, term, or condition of the contract with the respect to which this certificate is issued, the insurance afforded by the policies described herein is subject to the terms, exclusions and conditions of such policies.

### C. CANCELLATION OF INSURANCE:

If the insurance is canceled, the Contractor shall deliver to the Owner new policies of insurance and the receipts for payment of premiums thereon. Should the Contractor neglect to obtain and maintain in force such insurance, and deliver such policy or policies and receipts to the Owner, then it shall be lawful for the Owner to obtain and maintain such insurance. The Contractor hereby appoints the owner his true and lawful attorney, to do the things necessary for this purpose. Money expended by the Owner under the provisions of this paragraph for insurance premiums shall be charged to the Contractor. Failure of the Owner to obtain such insurance shall in no way relieve the Contractor of his responsibilities under this contract.

### D. PUBLIC LIABILITY:

1. Successful bidder will be required to furnish a certificate of liability insurance in an amount not less than (\$1,000,000.00) one million dollars per occurrence to protect the county throughout the life of the contract against "all risks". Coverage to include but not be limited to general liability; comprehensive form, premises/operations, underground explosion and collapse, products / completed operations, contractual, independent contractors, broad form property damage, personal injury, and automobile liability. Worker's compensation and employer's liability are to be statutory amounts. Certificate must be furnished within (10) ten calendar days of a "notice of award" being issued.

2. Liability insurance shall indemnify the Contractor and his subcontractors against loss from liability, imposed by law, upon or assume under contract by the Contractor or his subcontractors, for damages on account of such bodily injury and property damage. The insurance shall also indemnify the Contractor and his subcontractors against losses related to completed operations and products. The insurance shall be provided by a comprehensive, broad form occurrence property damage liability policy written by licensed underwriters. The policies shall cover operations, owned and no owned vehicles and equipment, contractors' protective



coverage blanket, contractual liability, and completed operations liability. The liability insurance shall not exclude explosion, collapse, underground excavation, or removal of lateral support and shall include cross liability. The Owner, the Construction Manager, the design engineer, and their officers, principals, agents, subcontractors, and employees shall be named as additionally insured on the liability policies.

3. WORKERS COMPENSATION INSURANCE:

Contractor and the subcontractors shall cover or insure under applicable laws relating to workers compensation or employer's liability insurance, their employees, working on or about the construction site, regardless of whether such coverage or insurance is mandatory or merely elective under the law. The contractor shall defend, protect, save harmless the Owner from and against claims, suits and actions arising from failure of the Contractor or the subcontractors to maintain such insurance.

4. BID SECURITY:

a. BID BOND: Bids must be accompanied by a bid security of not less than (10%) ten percent of the total amount of the bid. The guarantee may be in the form of a cashier's check, certified check, bank draft, or an irrevocable letter of credit made payable to Thomas County Commissioners, or a bid bond issued by a surety company licensed to issue such bonds in the State of Georgia. The guarantee shall insure the execution of the contract document and the furnishing of a payment bond and a performance bond. Upon the county naming a successful bidder, all other bid bonds will be returned at that time.

b. PAYMENT AND PERFORMANCE BONDS: The bid security of the successful bidder will be retained until such bidder has executed the contract documents, furnished the required contract security and met the other conditions of the "Notice of Award", whereupon the bid security will be returned. Bonds must be submitted within (15) fifteen calendar days after being furnished a "Notice of Award". All bonds must be written on a surety company licensed to do business in Georgia. If the successful bidder fails to execute and deliver the contract documents and furnish the required contract security within (15) fifteen calendar days after the notice of award, owner may annul the "Notice of Award" and bid security of that bidder will be forfeited. The bid security of the bidders whom owner believes to have a reasonable chance of receiving the award may be retained by owner until the earlier of seven days after the effective date of the agreement or 61 days after the bid opening, whereupon bid security furnished by such bidders will be returned.

c. SUBCONTRACTORS TO THE GENERAL CONTRACTOR: In addition, any subcontractor must provide (100%) one hundred percent payment and performance bonds to the successful contractor when the value of the subcontract to the successful bidder is (\$20,000.00) twenty thousand dollars or more. A copy of the subcontractor bonds issued to the contractor must be provided to the county before the subcontractor is allowed to do any work. Upon receipt of payment and performance bonds, successful bidder's bid bond will be returned. All bonds must be written on a surety company

licensed to do business in Georgia. Retainage will be held in compliance with Georgia Law.

d. RETAINAGE: Retainage will be held in compliance with Georgia Law. Thomas County normally holds (10%) ten percent retainage throughout the entire project and will release retainage at the point of final completion and final acceptance by the County.



THOMAS COUNTY BOARD OF COMMISSIONERS  
THOMASVILLE, GEORGIA  
PROJECT INFORMATION

Scope of work: Furnish all materials, labor, and equipment to remove and reinstall approximately 3520 feet of deck joints, pressure washing and graffiti removal and prevention, guardrail blocks, guardrail post, spall repairs, pile encasement, including traffic control to Georgia DOT standards

Construction Time: Schedule

- A. Schedule of Award and start dates: Award date 11/04/2024, Notice of Award and Sample Contract 11/12/2024, **Payment and Performance Bonds and Contract completion** 11/27/2024.
- B. The contractor shall be assessed liquidated damages in the amount of \$200.00 per calendar day (with the exception of weekends and holidays) for contract not completed by 180 calendar days of contractors established start date.

#### PROJECT SPECIFICATIONS

1. Traffic control
  - It is the responsibility of the contractor to furnish and maintain all traffic control signs and devices in conformance to the manual on uniform traffic control devices (MUTCD) and to follow Section 150-Traffic Control (latest version as posted on the GDOT website)
  - If a complete road closure is needed, a 36-hour notice will need to be made with owner.
2. Contractor to pressure wash all roadside visible area of parapet and walls. Pressure washer should be commercial grade with enough power to remove dirt and debris from walls and deck. No streaks or visible signs of debris marks to be left on walls or deck.
3. Spall Repairs: Repairs should be made following GDOT standards of section 451. Thoroughly cleaning surface and making needed cuts in concrete to secure a bond with new **Emcrete** product. See spec sheet 451-1100 for product use information.
4. Deck Joints: Repairs should be made following GDOT standards of section 461. Thoroughly removing old joint material, and cleaning and prepping joint to accept new material. Sand blasting joints are required to remove existing joint material and preparation for new BJES Joint material. Follow specifications 461-BJES-1 for installation of new joint material. Using Specification 461-BJES-2 and 461-BJES-3 for installation of new joint material.

5. Guardrail Block: Remove and replace existing wooden guardrail blocks following GDOT specification 641-1200. Blocks should be made of an HDPE material. Bolting material can be reused as long as there are no signs of rust to bolt or nut.
6. Pile encasement: Follow GDOT specification 547 for installation requirements of pile encasement.
7. Graffiti Proof Prep and Coating for Concrete: Follow all design requirements as per section 500-9003 for removal and prep for new graffiti coating. Product will be of Sherwin Williams brand and is supplied in the specification sheet 500-9003 below. Color choice will be supplied to contractor. Only parapet walls will be coated with Graffiti and only on interior wall section of bridge.
8. Stone Filter Fabric: Winfab Fabric 570HP for stone filter fabric under type 1 Rip Rap overlapped a minimum of 2 feet. See specification sheet 603-0006
9. Contractor will supply Thomas County inspector with all necessary submittals prior to commencement of work that meet GDOT standard specification section 800, two weeks prior to job start date.
10. Samples, Test, and Cited Specifications:
  - Contractor must supply Thomas County inspector with a list of names and phone numbers for its sub-contractors two weeks prior to job start date.
11. Inspection
  - Inspection on the project will be done by Thomas County Public Works
  - Contractor shall notify inspector if work is delayed due to weather or equipment failure
12. Contractor shall provide Variable Message Boards if there are any night lane closures requiring traffic lane shifts or Detours.



THOMAS COUNTY BOARD OF COMMISSIONERS  
THOMASVILLE, GEORGIA  
BRIDGE MAINTENANCE AND REHAB BID SHEET

<b>County Line Road 275-0040-0</b>					
Item	Description	Quantity	Unit	Unit price	Total
150-1000	Traffic Control	1	LS		
004-022	Pressure Wash Deck and Parapet	1	LS		
451-1100	Patching PCC Pavement (Spall Repair)	10	SQ. FT		
461-2000	Bridge Deck Joint Clean and Seal	128	LF		
641-1200	Guardrail, TP W, Plastic Offset Block	89	EA		
547-2014	Pile Encasement, 14" Pile	20	LF		
<b>Bridge Total</b>					

<b>Summerhill Road 275-5020-0</b>					
Item	Description	Quantity	Unit	Unit price	Total
150-1000	Traffic Control	1	LS		
004-022	Pressure Wash Deck and Parapet	1	LS		
451-1100	Patching PCC Pavement (Spall Repair)	4	SQ. FT		
449-1000	Bridge Deck Joint Clean and Seal	78	LF		
<b>Bridge Total</b>					

Dollar Store Road 275-5134-0					
Item	Description	Quantity	Unit	Unit price	Total
150-1000	Traffic Control	1	LS		
451-1100	Patching PCC Pavement (Spall Repair)	10	SQ. FT		
Bridge Total					

Stage Road 275-5124-0					
Item	Description	Quantity	Unit	Unit price	Total
150-1000	Traffic Control	1	LS		
449-1000	Bridge Deck Joint Clean and Seal	108	LF		
Bridge Total					

Stage Road 275-5067-0					
Item	Description	Quantity	Unit	Unit price	Total
150-1000	Traffic Control	1	LS		
004-022	Pressure Wash Deck and Parapet	1	LS		
500-9003	Graffiti Proof Prep And Coating for Concrete	1	LS		
Bridge Total					



Old Cassidy Road 275-5075-0					
Item	Description	Quantity	Unit	Unit price	Total
150-1000	Traffic Control	1	LS		
004-022	Pressure Wash Deck and Parapet	1	LS		
500-9003	Graffiti Proof Prep and Coating for Concrete	1	LS		
449-1000	Bridge Deck Joint Clean and Seal	216	LF		
Bridge Total					

Bee Line Road 275-5105-0					
Item	Description	Quantity	Unit	Unit price	Total
150-1000	Traffic Control	1	LS		
004-022	Pressure Wash Deck and Parapet	1	LS		
449-1000	Bridge Deck Joint Clean and Seal	325	LF		
451-1100	Patching PCC Pavement (Spall Repair)	4	SQ. FT		
Bridge Total					

Bee Line Road 275-5106-0					
Item	Description	Quantity	Unit	Unit price	Total
150-1000	Traffic Control	1	LS		
004-022	Pressure Wash Deck and Parapet	1	LS		
449-1000	Bridge Deck Joint Clean and Seal	582	LF		
Bridge Total					

<b>Metcalfe Road 275-5126-0</b>					
Item	Description	Quantity	Unit	Unit price	Total
150-1000	Traffic Control	1	LS		
004-022	Pressure Wash Deck and Parapet	1	LS		
449-1000	Bridge Deck Joint Clean and Seal	336	LF		
641-1200	Guardrail, TP W, Plastic Offset Block	10	EA		
Bridge Total					

<b>Springhill Road 275-5166-0</b>					
Item	Description	Quantity	Unit	Unit price	Total
150-1000	Traffic Control	1	LS		
449-1000	Bridge Deck Joint Clean and Seal	116	LF		
641-1200	Guardrail, TP W, Plastic Offset Block	20	EA		
Bridge Total					

<b>Boston Monticello Road 275-0030-0 and 275-0029-0</b>					
Item	Description	Quantity	Unit	Unit price	Total
150-1000	Traffic Control	1	LS		
004-022	Pressure Wash Deck and Parapet	1	LS		
449-1000	Bridge Deck Joint Clean and Seal	312	LF		
641-1200	Guardrail, TP W, Plastic Offset Block	192	EA		
Bridge Total					



<b>Boston Monticello Road 275-0026-0</b>					
Item	Description	Quantity	Unit	Unit price	Total
150-1000	Traffic Control	1	LS		
449-1000	Bridge Deck Joint Clean and Seal	162	LF		
641-4500	Guardrail Post Wood	42	LF		
641-1200	Guardrail, TP W, Plastic Offset Block	100	EA		
<b>Bridge Total</b>					

<b>Old Quitman 275-5133-0</b>					
Item	Description	Quantity	Unit	Unit price	Total
150-1000	Traffic Control	1	LS		
004-022	Pressure Wash Deck and Parapet	1	LS		
449-1000	Bridge Deck Joint Clean and Seal	200	LF		
<b>Bridge Total</b>					

<b>Maddox Road 275-5083-0</b>					
Item	Description	Quantity	Unit	Unit price	Total
150-1000	Traffic Control	1	LS		
004-022	Pressure Wash Deck and Parapet	1	LS		
449-1000	Bridge Deck Joint Clean and Seal	50	LF		
<b>Bridge Total</b>					

Murphy Road 275-5087-0					
Item	Description	Quantity	Unit	Unit price	Total
150-1000	Traffic Control	1	LS		
004-022	Pressure Wash Deck and Parapet	1	LS		
449-1000	Bridge Deck Joint Clean and Seal	104	LF		
Bridge Total					

Patten Coolidge Road 275-5049-0					
Item	Description	Quantity	Unit	Unit price	Total
150-1000	Traffic Control	1	LS		
004-022	Pressure Wash Deck and Parapet	1	LS		
449-1000	Bridge Deck Joint Clean and Seal	78	LF		
500-9003	Graffiti Proof Prep and Coating for Concrete	1	LS		
Bridge Total					

Airline Road 275-5104-0					
Item	Description	Quantity	Unit	Unit price	Total
150-1000	Traffic Control	1	LS		
004-022	Pressure Wash Deck and Parapet	1	LS		
449-1000	Bridge Deck Joint Clean and Seal	46	LF		
Bridge Total					

<b>Dillion Road 275-5047-0</b>					
Item	Description	Quantity	Unit	Unit price	Total
150-1000	Traffic Control	1	LS		
004-022	Pressure Wash Deck and Parapet	1	LS		
449-1000	Bridge Deck Joint Clean and Seal	75	LF		
<b>Bridge Total</b>					

<b>Clyde Griffin Road 275-5119-0</b>					
Item	Description	Quantity	Unit	Unit price	Total
150-1000	Traffic Control	1	LS		
004-022	Pressure Wash Deck and Parapet	1	LS		
449-1000	Bridge Deck Joint Clean and Seal	140	LF		
500-9003	Graffiti Proof Prep and Coating for Concrete	1	LS		
<b>Bridge Total</b>					

<b>Salem Road 275-5152-0</b>					
Item	Description	Quantity	Unit	Unit price	Total
150-1000	Traffic Control	1	LS		
004-022	Pressure Wash Deck and Parapet	1	LS		
449-1000	Bridge Deck Joint Clean and Seal	170	LF		
641-1200	Guardrail, TP W, Plastic Offset Block	12	EA		
<b>Bridge Total</b>					



Pope Road 275-5125-0					
Item	Description	Quantity	Unit	Unit price	Total
150-1000	Traffic Control	1	LS		
004-022	Pressure Wash Deck and Parapet	1	LS		
449-1000	Bridge Deck Joint Clean and Seal	150	LF		
641-4500	Guardrail Post Wood	72	LF		
641-1200	Guardrail, TP W, Plastic Offset Block	10	EA		
Bridge Total					

Ozell Road 275-5022-0					
Item	Description	Quantity	Unit	Unit price	Total
150-1000	Traffic Control	1	LS		
449-1000	Bridge Deck Joint Clean and Seal	192	LF		
Bridge Total					

McKinnon Road 275-5148-0					
Item	Description	Quantity	Unit	Unit price	Total
150-1000	Traffic Control	1	LS		
004-022	Pressure Wash Deck and Parapet	1	LS		
449-1000	Bridge Deck Joint Clean and Seal	132	LF		
Bridge Total					

<b>Gatlin Creek Trails 275-5164-0</b>					
Item	Description	Quantity	Unit	Unit price	Total
150-1000	Traffic Control	1	LS		
449-1000	Bridge Deck Joint Clean and Seal	100	LF		
Bridge Total					

<b>Gatlin Creek Road 275-5153-0</b>					
Item	Description	Quantity	Unit	Unit price	Total
150-1000	Traffic Control	1	LS		
004-022	Pressure Wash Deck and Parapet	1	LS		
449-1000	Bridge Deck Joint Clean and Seal	50	LF		
Bridge Total					

## Cost Subtotal Page

Road Name	Bridge ID Number	Total Per Bridge
County Line Road	275-0040-0	
Summerhill Road	275-5020-0	
Dollar Store Road	275-5134-0	
Stage Road	275-5124-0	
Stage Road	275-5067-0	
Old Cassidy Road	275-5075-0	
Bee Line Road	275-5105-0	
Bee Line Road	275-5106-0	
Metcalfe Road	275-5126-0	
Springhill Road	275-5166-0	
Boston Monticello Road	275-0030-0, 275-0029-0	
Boston Monticello Road	275-0026-0	
Old Quitman Road	275-5133-0	
Maddox Road	275-5083-0	
Murphy Road	275-5087-0	
Patten Coolidge Road	275-5049-0	
Airline Road	275-5104-0	
Dillion Road	275-5047-0	
Clyde Griffin Road	275-5119-0	
Salem Road	275-5152-0	
Pope Road	275-5125-0	
Ozell Road	275-5022-0	
McKinnon Road	275-5148-0	
Gatlin Creek Trails	275-5164-0	
Gatlin Creek Road	275-5153-0	

Total All Bridges

\$



It is agreed by the undersigned bidder that the signature and submission of this bid represent the bidder's acceptance of all terms, conditions and requirements of bid specifications and, if awarded, the bid will represent the agreement between the parties.

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_ City/State/Zip: \_\_\_\_\_

Contact person: \_\_\_\_\_ Title: \_\_\_\_\_

Telephone Number: \_\_\_\_\_ Fax Number: \_\_\_\_\_ E-Mail: \_\_\_\_\_

Signed: (sign manually, in ink): \_\_\_\_\_

Name Printed: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor Established Start Date: \_\_\_\_\_

## SPECIFICATION 451-1100

### EMCRETE BY EMSEAL

#### HIGH-IMPACT ELASTOMERIC CONCRETE MATERIAL

#### PART 1 – GENERAL

##### 1.01 WORK INCLUDED

- A. THE WORK SHALL CONSIST OF FURNISHING AND INSTALLING FLEXIBLE, DURABLE, HIGH-IMPACT ELASTOMERIC CONCRETE MATERIAL IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS AND THE REQUIREMENTS OF THE SPECIFICATION. ELASTOMERIC CONCRETE SHALL BE COMPRISED OF A TWO-COMPONENT POLYURETHANE RESIN MIXED WITH SAND AND CHOPPED FIBERGLASS AGGREGATES. THIS ELASTOMERIC CONCRETE SHALL CONSIST OF A HIGH RESIN TO LOW AGGREGATE RATIO NOT TO EXCEED 1:2 BY WEIGHT OR VOLUME.
- B. RELATED WORK
- DIVISION 3 - CONCRETE
  - DIVISION 7 - THERMAL & MOISTURE PROTECTION
  - DIVISION 7 - SEALANTS, CAULKING AND WATERPROOFING

##### 1.02 SUBMITTALS

- A. GENERAL – SUBMIT THE FOLLOWING ACCORDING TO DIVISION 1 SPECIFICATION SECTION.
- B. STANDARD SUBMITTAL PACKAGE – SUBMIT TYPICAL DRAWINGS(S) INDICATING PERTINENT DIMENSIONS, GENERAL CONSTRUCTION, AND PRODUCT INFORMATION.
- C. SAMPLE OF MATERIAL IS REQUIRED AT TIME OF SUBMITTAL.
- D. PRODUCT MUST BE CERTIFIED BY INDEPENDENT LABORATORY TEST REPORT TO PROVE THAT THE RATIO OF RESIN TO AGGREGATE BY WEIGHT DOES NOT EXCEED 1:2.
- E. PRODUCT MUST BE CERTIFIED BY INDEPENDENT LABORATORY TEST REPORT TO PROVE THAT THE ADHESION PULL OF STRENGTH FOR CONCRETE (ABRADED, WIPED OR PRIMED) EXCEEDS 425 PSI, FOR STEEL (ABRADED, WIPED AND PRIMED) EXCEEDS 247 PSI, AND THAT FOR GALVANIZED STEEL (WIPED AND PRIMED) EXCEEDS 261 PSI.
- F. PRODUCT MUST BE CERTIFIED BY INDEPENDENT LABORATORY TEST REPORT TO PROVE THAT A 1- POUND STEEL BALL DROPPED ONTO 3/8" THICK (8MM) X 2.75" DIAMETER (70MM) DISH FROM 17 FEET PROVIDES THE FOLLOWING RESULTS: NO CRACKS AT ROOM TEMPERATURE (69°F; 20°C), AND NO CRACKS AT -4°F; AND -20°C.
- G. PRODUCT MUST BE CERTIFIED BY INDEPENDENT LABORATORY TEST REPORT TO PROVE THAT THE PRODUCT HAS BEEN TESTED ACCORDING TO ASTM D 2240 AT 77°F (25°C) WITH THE RESULTS OF A 98 SHORE A AND A 57 SHORE D.

##### 1.03 PRODUCT DELIVERY, STORAGE AND HANDLING

- A. DELIVER PRODUCTS TO SITE IN MANUFACTURER'S ORIGINAL, INTACT, PRE-MEASURED AND LABELED CONTAINERS WHICH HOLD THE LIQUIDS, SAND AND FIBER. HANDLE AND PROTECT AS NECESSARY TO PREVENT DAMAGE OR DETERIORATION DURING SHIPMENT, HANDLING AND STORAGE.

#### 1.04 BASIS OF DESIGN

- A. ALL WORK SHALL BE DESIGNED TO MEET THE SPECIFIED PERFORMANCE CRITERIA OF THE PROJECT AS MANUFACTURED BY: (USA & INTERNATIONAL) EMSEAL JOINT SYSTEMS, LTD 25 BRIDLE LANE, WESTBOROUGH, MA 01581-2603, TOLL FREE: 800-526-8365. (CANADA) EMSEAL, LLC 111 ROYAL GROUP CRESCENT, WOODBRIDGE, ONTARIO, CANADA L4H 1X91 TOLL FREE: 800-526-8365. WWW.EMSEAL.COM
- B. ALTERNATE MANUFACTURERS MUST DEMONSTRATE THAT THEIR PRODUCTS MEET OR EXCEED THE DESIGN CRITERIA AND MUST SUBMIT CERTIFIED PERFORMANCE-BASED TEST REPORTS PERFORMED BY RECOGNIZED INDEPENDENT LABORATORIES AS CALLED FOR IN SECTION 1.02 SUBMITTALS. SUBMITTAL OF ALTERNATES MUST BE MADE THREE WEEKS PRIOR TO BID OPENING TO ALLOW PROPER EVALUATION TIME.

#### 1.05 QUALITY ASSURANCE

- A. THE GENERAL CONTRACTOR WILL CONDUCT A PRE-CONSTRUCTION MEETING WITH ALL TRADES RESPONSIBLE FOR AREAS WHERE THIS PRODUCT IS BEING USED SUCH AS IN THE TREATMENT OF WORK AT AND AROUND EXPANSION JOINTS, OR AS A REPAIR OR PATCHING MATERIAL. THE GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE AND SCHEDULE ALL TRADES AND ENSURE THAT ALL SUBCONTRACTORS UNDERSTAND THEIR RESPONSIBILITIES IN RELATION TO THE USE OF THIS MATERIAL.
- B. WARRANTY – MANUFACTURER’S STANDARD WARRANTY SHALL APPLY.

### PART 2 – PRODUCT

#### 2.01 GENERAL

- C. PROVIDE TWO-COMPONENT POLYURETHANE RESIN MIXED WITH SAND AND CHOPPED FIBERGLASS AGGREGATES. TYPICAL LOCATIONS INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING: TO BE USED AS A COMPONENT OF AN EXPANSION JOINT ASSEMBLY EITHER TO FILL BLOCKOUTS ON EACH SIDE OF AN EXPANSION JOINT GAP, TO REPAIR A DAMAGED EXPANSION JOINT GAP EDGE, AS AN IMPACT-ABSORBING BACKFILL NOSING, OR AS A FAST-CURING PATCHING MATERIAL FOR POTHOLES, OR SPALLS ON CONCRETE ROADWAYS, PARKING SURFACES, BRIDGES, RUNWAYS, ETC.
- A. PROVIDE EMCRETE AS MANUFACTURED BY EMSEAL JOINT SYSTEMS, LTD. AND AS INDICATED ON DRAWINGS.
- B. ELASTOMERIC CONCRETE MATERIAL SHALL BE COMPRISED OF A TWO-COMPONENT POLYURETHANE RESIN MIXED WITH SAND AND CHOPPED FIBERGLASS AGGREGATES. THE SAND IMPARTS COMPRESSIVE STRENGTH. THE FIBER PROVIDES CROSS-LINKED REINFORCEMENT WHILE, IN COMBINATION WITH THE SAND, ADDS BODY TO THE POLYURETHANE RESIN. C. THE RESIN SHALL BE MIXED FROM TWO COMPONENTS OF (PART A) 4.5 LBS. AND (PART B) 8.2 LBS. THE AGGREGATE SHALL BE COMPOSED OF SAND (18 LBS.) AND CHOPPED STRAND FIBERGLASS (4 LBS.)
- AGGREGATE RATIO OF RESIN TO AGGREGATE BY WEIGHT MUST NOT EXCEED 1:1  $\frac{3}{4}$ .
- D.

#### 2.02 FABRICATION

- A. EMCRETE BY EMSEAL MUST BE SUPPLIED IN PRE-MEASURED CONTAINERS WHICH HOLD THE LIQUIDS (PARTS A & B) AND AGGREGATE (PART C).

### PART 3 – EXECUTION

#### 3.01 INSTALLATION

- A. PREPARATION OF THE WORK AREA
1. SUBSTRATES MUST BE THOROUGHLY DRY AND THE TEMPERATURE MUST BE AT LEAST 45 °

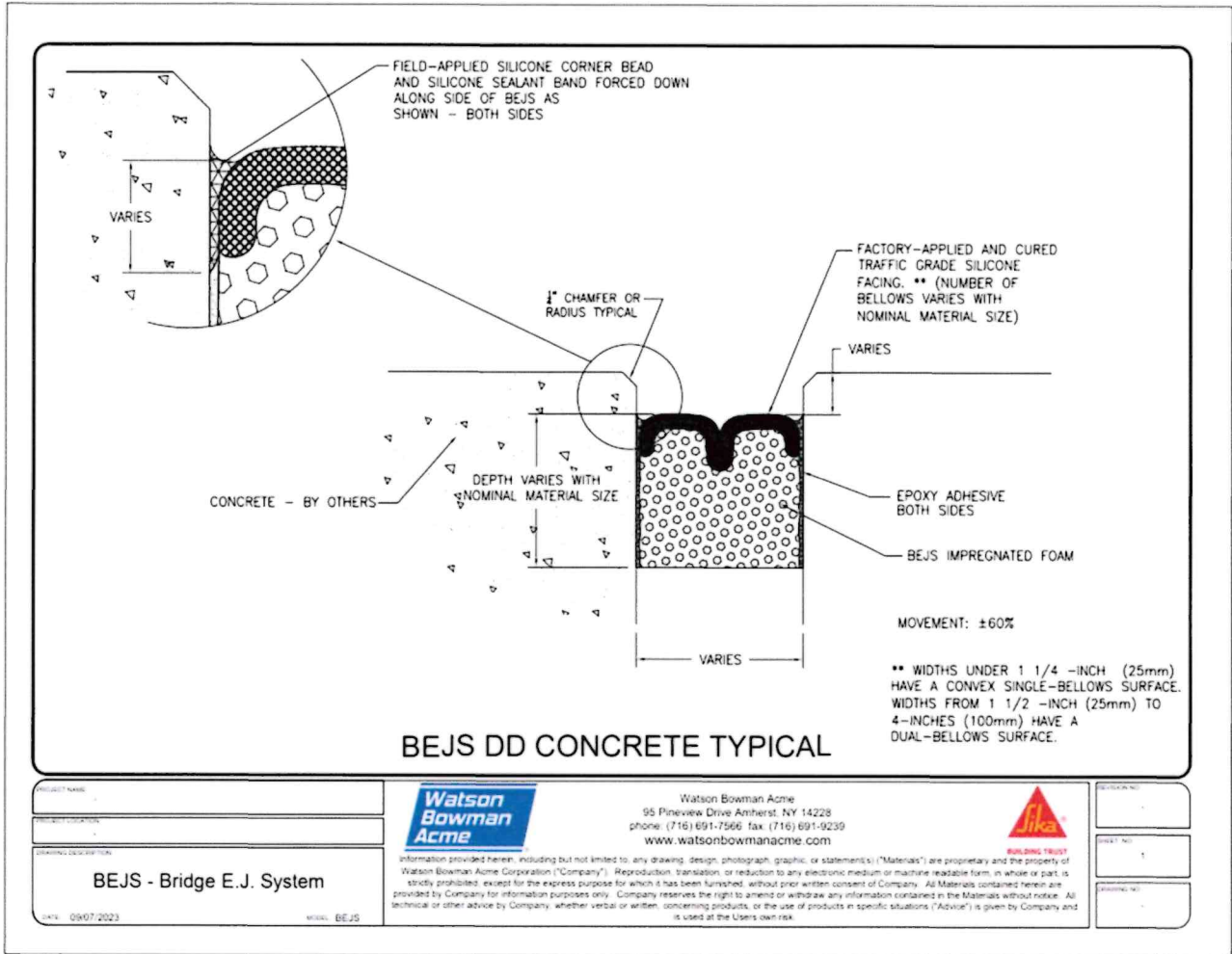


F (8 □ C) AND RISING TO INSTALL EMBRETE. THE BONDING SURFACE SHOULD BE IN SOUND AND GOOD CONDITION BEFORE PREPPING. THE ENTIRE BONDING SURFACE IS TO BE WIRE BRUSHED AND FULLY CLEANED LEAVING NO CONTAMINANTS SUCH AS DIRT, DUST, OILS, OR OTHER RESIDUE ON ANY SURFACE. THE AREA WHERE THE EMBRETE WILL BE Poured SHALL BE FULLY PREPPED AND FORMED AND THE SUBSTRATE SHALL BE PRIMED WITH EMPRIME PRIMER THAT IS INCLUDED WITH UNITS OF EMBRETE AND ALLOWED TO DRY FOR 30 MINUTES. REFER TO MANUFACTURER'S INSTALLATION GUIDE FOR DETAILED STEP-BY-STEP INSTRUCTIONS.

END OF SECTION

# SPECIFICATION 461-BJES-1

## BRIDGE DECK JOINT



## SPECIFICATION 461-BJES-2



### Wabo® GelAdhesive

*Rapid setting, epoxy based, gel adhesive*

Features	Benefits
<ul style="list-style-type: none"> <li>• Versatile</li> </ul>	Can be used with a variety of Watson Bowman Acme rubber seal and foam based products
<ul style="list-style-type: none"> <li>• Ease of Installation</li> </ul>	Can be applied quickly and efficiently using a dual cartridge application gun
<ul style="list-style-type: none"> <li>• Excellent Viscosity</li> </ul>	Can be applied vertically
<ul style="list-style-type: none"> <li>• Labor savings</li> </ul>	Eliminates the labor required to mix components and increases the labor efficiency to apply the product.
<ul style="list-style-type: none"> <li>• Static Mixing Tip</li> </ul>	Easy and accurate mixing of components



**RECOMMENDED FOR:**

- Bonding joint seals to concrete and steel substrates
- Repair and maintenance of existing expansion joint systems
- For horizontal and vertical applications

**PACKAGING/COVERAGE:**

- PT A – 750 ml cartridge
- PT B – 750 ml cartridge
- Coverage: one unit produces 1500 ml (51 oz) of product. Actual coverage will depend on the size of the seal being bonded, waste, and experience.

**DESCRIPTION:**

Wabo® GelAdhesive is a rapid curing, epoxy based, gel adhesive used to bond rubber seal and foam based products to concrete and steel substrates. The product is packaged in side by side cartridges, which allow the product to be applied with a dual cartridge application gun. The product is mixed via a static mixing tip to provide an easy and accurate way to mix components.



**PHYSICAL PROPERTIES:**

PHYSICAL PROPERTY	TEST METHOD	REQUIREMENTS
Tensile Strength	ASTM D 638	7,100 psi (49 Mpa)
Elongation at Break	ASTM D 638	2%
Shear Strength	ASTM D 732	5,700 psi (39 Mpa)
Bond Strength (14 day)	ASTM C 882	2,600 psi (17.9 Mpa)
Compressive Strength (7 day @ 75F)	ASTM D 579	9,100 psi (62.7 Mpa)
Set Time @75F	ASTM C 881	70 min
@90F		40 min
Gel Time (75F)	ASTM C 881	20 min

**INSTALLATION SUMMARY:**

- The concrete substrate must be abrasive blasted to remove all latencies and contaminants which may cause bonding problems. Steel substrates must be abrasive blasted to near white metal.
- Apply the gel adhesive using a dual cartridge caulking gun. Use a trowel to spread the adhesive onto the substrate. Apply adhesive to both the seal and the concrete or steel substrate. Unused quantity can be resealed and used at a later date.
- Clean all excess epoxy from the edges of the joint opening and from the top of the seal as soon as it is pushed into the desired depth. DO NOT allow the epoxy to cure before removing it.
- Allow the Wabo®GelAdhesive to set approximately 20 minutes (at 75 F) before traffic is allowed onto the joint. Longer cure times are required during cooler temperatures.

**FOR BEST RESULTS:**

- Install when concrete substrate is clean, sound, dry, and cured (14 day minimum). Follow International Concrete Repair Institute (ICRI) concrete repair and maintenance guidelines.
- Protect the work area with appropriate plastic sheeting. It is always a good idea to utilize plastic sheeting on the underside of the joint opening to protect from objects, dripping liquids, or other materials from falling through the opening to lower levels.
- Do not allow any of the components to freeze prior to installation. Store all components out of direct sunlight in a clean, dry location between 50 F and 90 F.
- Shelf life is 1 year.
- Periodically inspect the applied material and repair localized areas as needed. Consult a Watson Bowman Acme representative for additional information.
- Make certain the most current version of the product data sheet is being used. Please consult the website ([www.wbacorp.com](http://www.wbacorp.com)) or contact a customer service representative.
- Proper application is the responsibility of the user. Field visits by Watson Bowman Acme personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

**OPTIONS/EQUIPMENT:**

- Recommended application gun: Well Made AG400 Caulking Gun

**RELATED DOCUMENTS:**

- Wabo®GelAdhesive MSDS

## SPECIFICATION 461-BJES-3

### Wabo®SilAdhesive

One component Silicone based adhesive

Features	Benefits
• Durability	The Silicone Rubber exhibits excellent long term resistance to natural weathering, UV radiation, hot and cold climates, rain and snow conditions
• Ease of Installation	Can be applied quickly and efficiently using a single cartridge application gun
• Stable Consistency	The adhesive is able to be gunned and tooled under hot and cold conditions.
• Primerless Adhesion	No need to prime the surfaces that you are going to be bonding to



#### DESCRIPTION:

Wabo®SilAdhesive is a one component, medium modulus neutral cure silicone adhesive used to a bond Silicone based products to concrete and steel substrates. This product is packaged in 29oz cartridges, which allow the product to be applied with a single component cartridge application gun (below).



Watson Bowman Acme Corp.  
95 Pineview Drive  
Amherst, NY 14228  
phone: 716-691-7566  
fax: 716-691-9239  
watsonbowmanacme.com

#### RECOMMENDED FOR:

- Bonding joint seals to concrete and steel substrates
- Repair and maintenance of existing expansion joint systems
- For horizontal and vertical applications

#### PACKAGING/COVERAGE:

- Wabo®Sil Locking Adhesive is a one component non sag adhesive supplied in a 29 oz. container
- Yield will depend on joint design, tooling, backer rod placement, waste and experience.

JOINT SYSTEM	YIELD/UNIT (29 oz Cartridge)
SPS-225	12.6 LF (3.8m)
SPS-400	7.8 LF (2.4m)

P.O. Box 920 • Thomasville, Georgia 31799 • (229) 225-4100 • Fax: (229) 584-9843

[nisha.thurman@thomascountyga.gov](mailto:nisha.thurman@thomascountyga.gov)

[www.thomascountyga.gov](http://www.thomascountyga.gov)

### Physical Properties:

PHYSICAL PROPERTIES (Adhesive)	ASTM TEST METHOD	REQUIREMENTS
Sag/Slump	D 2202	0.1" Max
Color	Visual	Gray
Hardness (Durometer)	D 2240	24
Tack Free Time	C 679	3 - 4 hours
Peel Strength	C 794	56.6 pli
U.V. Resistance	GE 20yr Study	Excellent
Cure through to 1/4" thickness	75 deg F / 50% RH	3-4 days

#### INSTALLATION SUMMARY:

- The concrete substrate must be abrasive blasted to remove all latencies and contaminants which may cause bonding problems. Steel substrates must be abrasive blasted to near white metal.
- Apply a bead of the Silicone adhesive on the inside face of the joint opening using a single cartridge caulking gun before installing the Silicone Seal into the opening.
- Slide the Silicone Seal into the opening to the specified depth that is stated on the shop drawings and then reapply another bead of the Silicone Adhesive on top of the installed seal to ensure the seal is properly bonded into the joint opening.
- Clean all excess silicone from the edges of the joint opening and from the top of the seal as soon as it has been installed. DO NOT allow the silicone to cure before removing it.
- Allow the Wabo®SilAdhesive to set approximately 30 minutes (at 75°F) before traffic is allowed onto the joint. Longer cure times are required during cooler temperatures.

#### FOR BEST RESULTS:

- Install when concrete substrate is clean, sound, dry, and cured (14 day minimum). Follow International Concrete Repair Institute (ICRI) concrete repair and maintenance guidelines.
- Protect the work area with appropriate plastic sheeting. It is always a good idea to utilize plastic sheeting on the underside of the joint opening to protect from objects, dripping liquids, or other materials from falling through the opening to lower levels.
- Do not allow any of the components to freeze prior to installation. Store all components out of direct sunlight in a clean, dry location between 50°F and 90°F.
- Shelf life is 1 year.
- Periodically inspect the applied material and repair localized areas as needed. Consult a Watson Bowman Acme representative for additional information.
- Make certain the most current version of the product data sheet is being used. Please consult the website ([www.wbacorp.com](http://www.wbacorp.com)) or contact a customer service representative.

## SPECIFICATION 641-1200

### King MASH Composite Block® For 8" Guardrail Applications

King MASH Composite Blocks® are injection molded guardrail offset blocks composed of Recycled High Density Polyethylene (HDPE) and tested to AASHTO's MASH, 2nd Edition (2016), Test Level 3 specifications.

The King MASH Composite Block® is offered as an alternative to 8" (200 mm) depth wood blocks on W-Beam guardrail systems, utilizing standard W6x8.5# / 9# (W150x12.6 kg / 13.5 kg) steel posts.



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#### FEATURES

- Eligible for reimbursement under the Federal-aid highway program, per FHWA letter HSST-1B-342, dated 3 June 2020, as a MASH 2016 device.
- Self-hanging fingers.
- Self-aligning side rails.
- Lightweight - only 4.6 lbs. (2.1 kg)
- Weighs less than other 8" MASH blocks.
- Bottom tab supports rail during installation.

#### ASSEMBLY AND MAINTENANCE

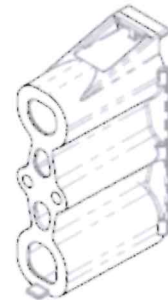
- Self-hanging fingers minimize the need for assistance by end-users during installation.
- Self-aligning side rails are designed to hold block in place and resist rotation.
- King Blocks are designed to retain their original size over time, which helps reduce the frequency of retightening guardrail post bolts.
- Formulated with UV inhibitors, to reduce long-term degradation.
- Weather-resistant materials minimize damage related to rain, snow, and extreme cold/heat.
- Blocks are composed of durable materials resulting in less damage by ongoing roadway operations - such as snowplowing and mowing.
- HDPE offers superior resistance to solvents, alcohols, acids and alkalis.

DISTRIBUTED BY



#### SPECIFICATIONS

- 4"W x 14"L x 7.5"D, 4.6 lbs. (2.1 kg)  
(100 mm x 350 mm x 190 mm)



9-22

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1.888.356.2363



# SPECIFICATION 547-2014

## PILE ENCASEMENT

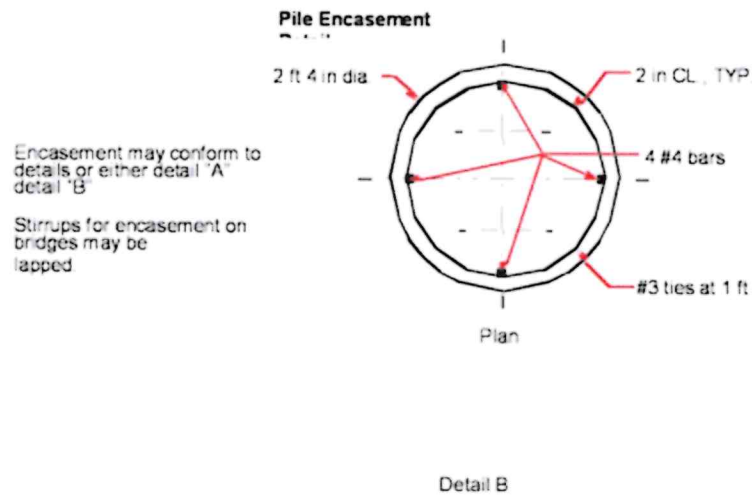
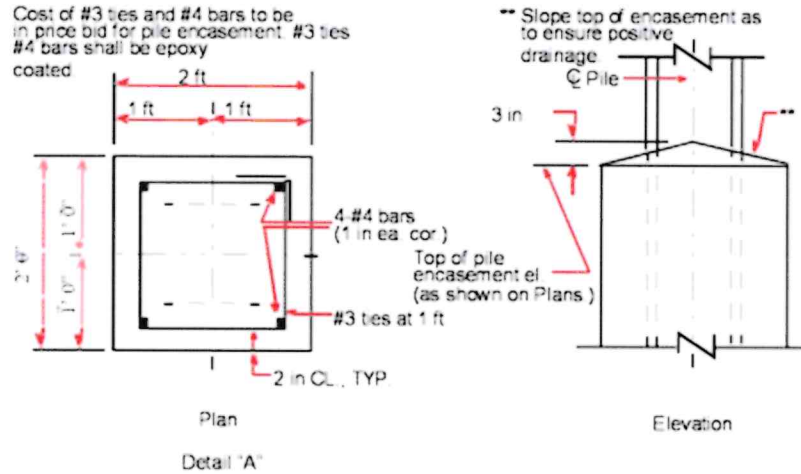
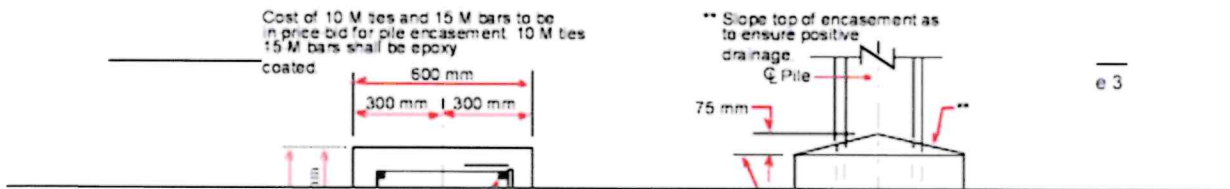


Figure 1



**SPECIFICATION 500-9003**  
**GRAFFITI COATING**  
**2K WATERBASED ANTI-GRAFFITI COATING**



**Protective  
&  
Marine  
Coatings**

**2K WATERBASED  
ANTI-GRAFFITI COATING**

PART A	B65-190	GLOSS SERIES
PART A	B65-195	SATIN SERIES
PART B	B65V190	GLOSS HARDENER
PART B	B65V195	SATIN HARDENER
(OPTIONAL)	B65X105	FADE-A-WAY DYE ADDITIVE

Revised: November 30, 2022

**PRODUCT INFORMATION**

5.32

**PRODUCT DESCRIPTION**

**2K WATERBASED ANTI-GRAFFITI COATING** is a two component, hydrophobic polyurethane that is <100g/L VOC. It provides excellent graffiti resistance, color and gloss retention.

- Low odor, <100g/L VOC
- Excellent anti-graffiti resistance
- Apply over multiple coating types
- Brush, roll or spray
- Excellent gloss retention
- Clear tint bases (B65T194, Gloss and B65T195, Satin) can be used as clear coats

**PRODUCT CHARACTERISTICS**

Finish:	Gloss or Satin
Color:	Clear (B65T194, Gloss and B65T195, Satin), White or a wide variety of colors
Mix Ratio:	3:1 by volume
Volume Solids:	51% ± 2%, theoretical
Weight Solids:	57% ± 2%, theoretical
VOC (EPA Method 24):	<100 g/L; 0.85 lb/gal, may vary by color

**Recommended Spreading Rate per coat:**

	Minimum	Maximum
Wet mils (microns)	4.0 (100)	8.0 (200)
Dry mils (microns)	2.0 (50)	4.0 (100)
~Coverage sq ft/gal (m <sup>2</sup> /L)	204 (5.0)	408 (10.0)
Theoretical coverage sq ft/gal (m <sup>2</sup> /L) @ 1 mil / 25 microns dft	816 (20.0)	

**Drying Schedule @ 3.0 mils wet (75 microns):**

	@ 50°F/10°C	@ 77°F/25°C 50% RH	@ 120°F/49°C
To touch:	6 hours	3 hours	34 minutes
To handle:	8 hours	6 hours	1 hour
To cure:	21 days	<19.5 hours	1.5 hours

*Abrading required prior to recoating or topcoating.  
Drying time is temperature, humidity, and film thickness dependent.*

Pot Life:	1.5 hours	1.5 hours	1 hour
Sweat-in-time:	None required		

Shelf Life:	Part A: 12 months, unopened Part B: 24 months, unopened Store indoors at 40°F (4.5°C) to 100°F (38°C).
Flash Point:	>230°F (110°C), PMCC, mixed
Clean Up:	Water
Reducer:	R8K10, up to 10% as needed

**RECOMMENDED USES**

- For use over prepared interior or exterior surfaces requiring protection from graffiti defacing
- For use on:
  - Bridge Abutments
  - Schools
  - Overpasses
  - New Construction
  - Commercial Buildings
  - Transit Stations
  - Railcars
- As a non-sacrificial permanent anti-graffiti coating
- Acceptable for use in high performance architectural applications.
- Suitable for use in USDA inspected facilities

**PERFORMANCE CHARACTERISTICS**

**GRAFFITI RESISTANCE  
ASTM D 6578-00**

Marking Substance:	Recommended Cleaners:	Cleanability Levels:
Wax Crayon	Dry cotton cloth / Commercial aqueous detergent	1
Water Based Red Spray Paint	Dry cotton cloth / Citrus cleaner	1
Solvent Based Black Spray Paint	Citrus cleaner / Industrial cleaner	3
Solvent Based Perm. Blue Marker	Citrus cleaner / Industrial cleaner	3
Solvent Based Perm. Red Marker	Citrus cleaner / Industrial cleaner	3

- cleanability levels 1-5 are defined as:
- Level 1 Graffiti completely removed with dry cotton cloth.
  - Level 2 Graffiti completely removed with commercial aqueous detergent.
  - Level 3 Graffiti completely removed with citrus cleaner.
  - Level 4 Graffiti completely removed with industrial cleaner/Isopropanol.
  - Level 5 Graffiti completely removed with MEK.

Test Name	Test Method	Results
Abrasion Resistance	ASTM D4060, CS17 wheel, 1000 cycles, 1Kg load	42.2 mg loss
Accelerated Weathering QUV-A	ASTM D4587, 2,000 hours (White)	>80% gloss retention; <1.5 DE color change
Flexibility	ASTM D522, 180° bend, 1/4" mandrel	Pass
Fluid Resistance	ASTM D1308	Pass, Paint Thinner and Gasoline
Pencil Hardness	ASTM D3363	3H

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continued on back



**Protective  
&  
Marine  
Coatings**

## 2K WATERBASED ANTI-GRAFFITI COATING

<b>PART A</b>	<b>B65-190</b>	<b>GLOSS SERIES</b>
<b>PART A</b>	<b>B65-195</b>	<b>SATIN SERIES</b>
<b>PART B</b>	<b>B65V190</b>	<b>GLOSS HARDENER</b>
<b>PART B</b>	<b>B65V195</b>	<b>SATIN HARDENER</b>
<b>(OPTIONAL)</b>	<b>B65X105</b>	<b>FADE-A-WAY DYE ADDITIVE</b>

Revised: November 30, 2022

### PRODUCT INFORMATION

5.32

<b>RECOMMENDED SYSTEMS</b>			<b>SURFACE PREPARATION</b>			
		<b>Dry Film Thickness / ct.</b>	Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.			
		<b>Mils</b>	<b>Do not use hydrocarbon solvents for cleaning.</b>			
		<b>(Microns)</b>	Refer to product Application Bulletin for detailed surface preparation information.			
<b>Steel:</b>			Refer to data page of the coating to be topcoated.			
1 ct. Pro Industrial Pro-Cryl Universal Primer	2.0-4.0	(50-100)	<b>Surface Preparation Standards</b>			
1 ct. 2K Waterbased Anti-Graffiti Coating	2.0-4.0	(50-100)	<b>Condition of Surface</b>	<b>ISO 8501-1 BS7079:A1</b>	<b>Swedish Std SIS055900</b>	<b>SSPC NACE</b>
<b>Steel:</b>			White Metal	Sa 3	Sa 3	SP 5 1
1 ct. Pro Industrial Water Based Catalyzed Epoxy	2.0-5.0	(50-125)	Near White Metal	Sa 2.5	Sa 2.5	SP 10 2
1 ct. 2K Waterbased Anti-Graffiti Coating	2.0-4.0	(50-100)	Commercial Blast	Sa 2	Sa 2	SP 6 3
<b>Steel:</b>			Brush-Off Blast	Sa 1	Sa 1	SP 7 4
1 ct. Macropoxy 646	5.0-10.0	(125-250)	Hand Tool Cleaning	C/Sr 2	C/Sr 2	SP 2 -
1 ct. 2K Waterbased Anti-Graffiti Coating	2.0-4.0	(50-100)	Pitted & Rusty	C/Sr 2	C/Sr 2	SP 5 -
<b>Steel:</b>			Rusty	D/Sr 3	D/Sr 3	SP 3 -
1 ct. Macropoxy 646	5.0-10.0	(125-250)	Pitted & Rusty	D/Sr 3	D/Sr 3	SP 3 -
1 ct. Acrolon 218 HS	3.0-6.0	(75-150)				
1 ct. 2K Waterbased Anti-Graffiti Coating	2.0-4.0	(50-100)				
<b>Concrete/Masonry, rough surface:</b>			<b>TINTING</b>			
1 ct. Cement-Plex 875	13.0-25.0	(325-625)	Tint part A with CCE. Tint at 75% strength formula.			
1 ct. 2K Waterbased Anti-Graffiti Coating	2.0-4.0	(50-100)	<b>GRAFFITI REMOVAL INSTRUCTIONS</b>			
<b>Other acceptable surfacers are:</b>			Apply graffiti removal material liberally to surface using brush and/or roller. Allow to dwell on surface 5 – 30 mins. Do not allow to dry on surface. Pressure wash utilizing maximum 3000 PSI clean water. Generally pressures of 1000 PSI – 2000 PSI are adequate. However this varies with type of graffiti. Care must be taken to not damage coating system. During dwell cycle agitation of surface with nylon type scrub brush may be required. Repeat as needed. At conclusion of removal rinse surface completely with clean water at low pressure.			
Pro Industrial Heavy Duty Block Filler			<b>APPLICATION CONDITIONS</b>			
Kem Cat-Coat HS Epoxy Filler/Sealer			Temperature:	50°F (10°C) minimum, 120°F (49°C) maximum (air, surface, and material)		
<b>Concrete, smooth:</b>				At least 5°F (2.8°C) above dew point		
1 ct. Pro Industrial Water Based Catalyzed Epoxy	2.0-5.0	(50-125)	Relative humidity:	85% maximum		
1 ct. 2K Waterbased Anti-Graffiti Coating	2.0-4.0	(50-100)	Refer to product Application Bulletin for detailed application information.			
<b>Concrete, smooth:</b>			<b>ORDERING INFORMATION</b>			
1 ct. Macropoxy 646	3.0-10.0	(75-250)	Packaging:	Part A: 3/4 gallon in 1 gallon container, 3 gallons in 5 gallon container		
1 ct. Acrolon 218 HS	3.0-6.0	(75-150)		Part B: 1 quart, 1 gallon		
1 ct. 2K Waterbased Anti-Graffiti Coating	2.0-4.0	(50-100)	Weight:	9.2 ± 0.2 lb/gal		
<b>Concrete, smooth:</b>			<b>SAFETY PRECAUTIONS</b>			
1 ct. DOT Bridge & Highway Sealer 100	2.0-4.0	(50-100)	Refer to the SDS sheet before use.			
1 ct. 2K Waterbased Anti-Graffiti Coating	2.0-4.0	(50-100)	Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.			
The systems listed above are representative of the product's use, other systems may be appropriate.			<b>WARRANTY</b>			
<b>DISCLAIMER</b>			The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.			

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[nisha.thurman@thomascountyga.gov](mailto:nisha.thurman@thomascountyga.gov)

[www.thomascountyga.gov](http://www.thomascountyga.gov)





**Protective  
&  
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Coatings**

**2K WATERBASED  
ANTI-GRAFFITI COATING**

PART A	B65-190	GLOSS SERIES
PART A	B65-195	SATIN SERIES
PART B	B65V190	GLOSS HARDENER
PART B	B65V195	SATIN HARDENER
(OPTIONAL)	B65X105	FADE-A-WAY DYE ADDITIVE

Revised: November 30, 2022

**APPLICATION BULLETIN**

5.32

**SURFACE PREPARATIONS**

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

Do not use hydrocarbon solvents for cleaning.

**Iron & Steel**

Minimum surface preparation is Hand Tool Clean per SSPC-SP2. Remove all oil and grease from surface by Solvent Cleaning per SSPC-SP1 (recommended preparation is Steam Cleaning). For better performance, use Commercial Blast Cleaning per SSPC-SP6/NACE 3, blast clean all surfaces using a sharp, angular abrasive for optimum surface profile (2 mils / 50 microns). Prime any bare steel within 8 hours or before flash rusting occurs. Primer required.

**Masonry and Block**

For surface preparation, refer to SSPC-SP13/NACE 6, or ICRI 310.2R, CSP 1-3. Surfaces should be thoroughly clean and dry. Concrete and mortar must be cured at least 28 days @ 75°F (24°C). Remove all loose mortar and foreign material. Surface must be free of laitance, concrete dust, dirt, form release agents, moisture curing membranes, loose cement and hardeners. Fill bug holes, air pockets and other voids with Cement-Plex 875. Weathered masonry and soft or porous cement board must be brush blasted or power tool cleaned to remove loosely adhering contamination and to get to a hard, firm surface. Laitance must be removed.

**Previously Painted Surfaces**

If in sound condition, clean the surface of all foreign material. Smooth, hard or glossy coatings and surfaces should be dulled by abrading the surface. Apply a test area, allowing paint to dry one week before testing adhesion. If adhesion is poor, or if this product attacks the previous finish, removal of the previous coating may be necessary. If paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface as above.

**APPLICATION CONDITIONS**

Temperature:	50°F (10°C) minimum, 120°F (49°C) maximum (air, surface, and material) At least 5°F (2.8°C) above dew point
Relative humidity:	85% maximum

**APPLICATION EQUIPMENT**

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compliant with existing VOC regulations and compatible with the existing environmental and application conditions.

Clean Up: ..... Water  
Reducer: ..... R8K10, up to 10% as needed

**Airless Spray**

Pressure..... 2700-3000 psi  
Hose..... 1/4" ID  
Tip..... 013"-017"  
Filter..... 60 mesh  
Reduction..... As needed up to 10% by volume

**Conventional Spray**

Gun..... DeVilbiss JGA  
Fluid Nozzle..... E  
Air Nozzle..... 765  
Atomization Pressure..... 45-55 psi  
Fluid Pressure..... 10-20 psi  
Reduction..... As needed up to 10% by volume

**Brush**

Brush..... Nylon/polyester natural bristle  
Reduction..... As needed up to 10% by volume

**Roller**

Cover..... 1/4"-3/8" woven solvent resistant core  
Reduction..... As needed up to 10% by volume

If specific application equipment is not listed above, equivalent equipment may be substituted.

**Surface Preparation Standards**

Condition of Surface	ISO 8501-1 B57079 A1	Swedish Std. SIS055900	SSPC	NACE
White Metal	Sa 3	Sa 3	SP 5	1
Near White Metal	Sa 2.5	Sa 2.5	SP 10	2
Commercial Blast	Sa 2	Sa 2	SP 6	3
Brush-Off Blast	Sa 1	Sa 1	SP 7	4
Hand Tool Cleaning	Rusted	DC St 2	SP 2	-
	Pitted & Rusted	DC St 2	SP 3	-
Power Tool Cleaning	Rusted	DC St 3	SP 3	-
	Pitted & Rusted	DC St 3	SP 3	-



## Protective & Marine Coatings

# 2K WATERBASED ANTI-GRAFFITI COATING

PART A	B65-190	GLOSS SERIES
PART A	B65-195	SATIN SERIES
PART B	B65V190	GLOSS HARDENER
PART B	B65V195	SATIN HARDENER
(OPTIONAL)	B65X105	FADE-A-WAY DYE ADDITIVE

Revised: November 30, 2022

## APPLICATION BULLETIN

5.32

### APPLICATION PROCEDURES

Surface preparation must be completed as indicated.

Mix contents of each component thoroughly using low speed power agitation. Make certain no pigment remains on the bottom of the can. Exercise caution not to whip air into the materials. Then combine three parts by volume of Part A with one part by volume of Part B. Thoroughly agitate the mixture with low speed power agitation. Re-stir before using. No sweat-in-time is required.

If reducer is used, add only after both components have been thoroughly mixed.

Apply paint at the recommended film thickness and spreading rate as indicated below:

#### Recommended Spreading Rate per coat:

	Minimum	Maximum
Wet mils (microns)	4.0 (100)	8.0 (200)
Dry mils (microns)	2.0 (50)	4.0 (100)
-Coverage sq ft/gal (m <sup>2</sup> /L)	204 (5.0)	408 (10.0)
Theoretical coverage sq ft/gal (m <sup>2</sup> /L) @ 1 mil / 25 microns dft	816 (20.0)	

#### Drying Schedule @ 3.0 mils wet (75 microns):

	@ 50°F/10°C	@ 77°F/25°C	@ 120°F/49°C
		50% RH	
To touch:	6 hours	3 hours	34 minutes
To handle:	8 hours	6 hours	1 hour
To cure:	21 days	<19.5 hours	1.5 hours
	<i>Abrazing required prior to recoating or topcoating</i>		
	<i>Drying time is temperature, humidity, and film thickness dependent.</i>		
Pot Life:	1.5 hours	1.5 hours	1 hour
Sweat-in-time:	None required		

Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance.

### CLEAN UP INSTRUCTIONS

Clean spills and spatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with Mineral Spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using Mineral Spirits.

### DISCLAIMER

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Information and Application Bulletin.

### PERFORMANCE TIPS

Spreading rates are calculated on volume solids and do not include an application loss factor due to surface profile, roughness or porosity of the surface, skill and technique of the applicator, method of application, various surface irregularities, material lost during mixing, spillage, overthinning, climatic conditions, and excessive film build.

**Do not use hydrocarbon solvents for cleaning.**

Excessive reduction of material can affect film build, appearance, and adhesion.

Allow to dry one week before checking adhesion.

Application of a clear coating may change the color appearance of the base coat. Apply a test patch prior to coating entire project.

Abrazing required prior to recoating or topcoating.

The addition of Fade-A-Way Dye Additive to 2K Waterbased Anti-Graffiti Coating provides a temporary color contrast to the existing base coat during application. The colorant generally dissipates within 72 hours. Low temperatures and indirect sunlight will slow the rate of disappearance. Product performance could be affected with this use. Reach out to your Sherwin-Williams representative should you need additional details.

Refer to Product Information sheet for additional performance characteristics and properties.

### SAFETY PRECAUTIONS

Refer to the SDS sheet before use.

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

### WARRANTY

The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

[www.sherwin-williams.com/protective](http://www.sherwin-williams.com/protective)

P.O. Box 920 • Thomasville, Georgia 31799 • (229) 225-4100 • Fax: (229) 584-9843

[nisha.thurman@thomascountyga.gov](mailto:nisha.thurman@thomascountyga.gov)

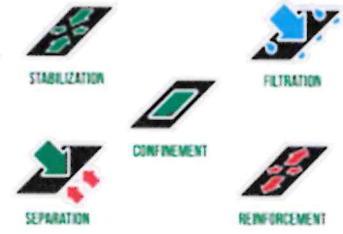
[www.thomascountyga.gov](http://www.thomascountyga.gov)



# SPECIFICATION 603-0006



**WINFAB® 570HP & WINFAB® 570HP-USA** geotextile fabric is manufactured using high tenacity polypropylene yarns that are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position.



**WINFAB® 570HP & WINFAB® 570HP-USA** geotextile fabric resists ultraviolet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals.

PROPERTY	TEST METHOD	MARV ENGLISH	MARV METRIC
Tensile Strength (Grab)	ASTM D4632	475 x 440 lbs	2114 x 1958 N
Elongation (Grab)	ASTM D4632	12% x 12%	12% x 12%
Trapezoidal Tear Strength	ASTM D4533	180 x 180 lbs	801 x 801 N
CBR Puncture	ASTM D6241	2200 lbs	9786.1 N
Wide Width Tensile (Ultimate)	ASTM D4595	4800 x 4800 lbs/ft	70 x 70 kN/m
Wide Width Tensile @ 2% Strain	ASTM D4595	960 x 1320 lbs/ft	14.0 x 19.3 kN/m
Wide Width Tensile @ 5% Strain	ASTM D4595	2400 x 3000 lbs/ft	35 x 43.8 kN/m
UV Resistance (500 hrs)	ASTM D4355	80%	80%
Apparent Opening Size*	ASTM D4751	30 US Std. Sieve	0.60 mm
Permittivity	ASTM D4491	0.50 sec <sup>-1</sup>	0.50 sec <sup>-1</sup>
Water Flow Rate	ASTM D4491	30 gpm/ft <sup>2</sup>	1222 lpm/m <sup>2</sup>

**Domestic Procurement Preference**

**WINFAB® 570HP-USA** is compliant with the Build America, Buy America (BABA) Act, Pub. L. No. 117-58, div. G §§ 70901-52. To ensure BABA documentation is appropriately captured and maintained throughout the manufacturing process, BABA (along with any other regulatory requirements) must be specified at the time of quotation and order to WINFAB. The inclusion of a "-USA" suffix on the end of the style name indicates the product is BABA certifiable.

PROPERTY**	TEST METHOD	TYPICAL ENGLISH	TYPICAL METRIC
Roll Dimensions	Measured	15 ft x 300 ft	4.6 m x 91.4 m
Roll Area	Measured	500 yd <sup>2</sup>	418 m <sup>2</sup>

\*\*Custom made-to-order options are available. Options include custom roll lengths, roll widths, and panel fabrication for ease of installation or enhanced project efficiencies. Please contact us for further information regarding WINFAB's custom production and fabrication services. Minimum order quantities may apply.

Disclaimer: WINFAB assumes no liability for the completeness or accuracy of this information or the ultimate use of this information. WINFAB disclaims any and all implied, expressed, or statutory standards, guarantees, or warranties. This includes without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to equipment, materials, or information furnished herewith. This document should not be construed as engineering advice. Always consult the project engineer for project specific requirements. The end user assumes sole responsibility for the use of this information and product. The information listed above are subject to change without notice. Build America, Buy America Act, Pub. L. No. 117-58 certification is conditional for WINFAB 570HP, and is not a guarantee.

WINFAB® & WINFAB® are trademarks of Willacoochee Industrial Fabrics, Inc.  
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1 Nashville Mills Rd, Nashville, GA 31639  
Ph: (912) 534-5757 • Fax: (912) 534-5533

THOMAS COUNTY, GA



SUBCONTRACTOR AFFIDAVIT AND AGREEMENT

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 contracting with (name of public employer) has registered with and is participating in a federal work authorization program\* [any of the electronic verification of work authorization programs operated by the United States Department of Homeland Security or any equivalent federal work authorization program operated by the United States Department of Homeland Security to verify information of newly hired employees, pursuant to the Immigration Reform and Control Act of 1986 (IRCA), P.L. 99-603], in accordance with the applicability provisions and deadlines established in O.C.G.A. 13-10-91.

The undersigned further agrees that, should it employ or contract with any subcontractor(s) in connection with the physical performance of services pursuant to this contract with Thomas County, GA; contractor will secure from such subcontractor(s) similar verification of compliance with O.C.G.A. 13-10-91 on the Subcontractor Affidavit provided in Rule 300-10-01-.08 or a substantially similar form. Contractor further agrees to maintain records of such compliance and provide a copy of each such verification to Thomas County Commissioners' Office at the time the subcontractor(s) is retained to perform such service.

\_\_\_\_\_  
E-Verify User Identification Number

\_\_\_\_\_  
Authorization Date

\_\_\_\_\_  
BY: Authorized Officer or Agent  
(Contractor Name) (Legal Name of Business)

\_\_\_\_\_  
Date

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

\_\_\_\_\_  
Job Description

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

SUBSCRIBED AND SWORN  
BEFORE ME ON THIS THE  
\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_

\_\_\_\_\_  
Notary Public  
My Commission Expires:  
\_\_\_\_\_

\* As of the effective date of O.C.G.A. 13-10-91, the applicable federal work authorization program is the "EEV / Basic Pilot Program" operated by the U. S. Citizenship and Immigration Services Bureau of the U.S. Department of Homeland Security, in conjunction with the Social Security Administration (SSA).



Thomas County, GA



CONTRACTOR SAVE AFFIDAVIT

STATE OF GEORGIA
\_\_\_\_\_ COUNTY

By executing this affidavit under oath, as an applicant for a \_\_\_\_\_, County Georgia contract as referenced in O.C.G.A. § 50-36-1 and the August 1, 2010. "Report of the Attorney General on Public Benefits", I am stating the following with respect to my ability to enter into a contract with \_\_\_\_\_ County.

Name: \_\_\_\_\_
(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 O.C.G.A. § 16-10-20.

This \_\_\_ day of \_\_\_\_\_, 20\_\_\_.

Signature of Applicant: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Alien Registration number for non-citizens: \* \_\_\_\_\_

SUBSCRIBED AND SWORN BEFORE ME ON THIS THE \_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_

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:

# THOMAS COUNTY, GA



## CONTRACTOR AFFIDAVIT AND AGREEMENT

BY EXECUTING THIS AFFIDAVIT, THE UNDERSIGNED CONTRACTOR VERIFIES ITS COMPLIANCE WITH O.C.G.A. 13-10-19, STATING AFFIRMATIVELY THAT THE INDIVIDUAL, FIRM, OR CORPORATION WHICH IS CONTRACTING WITH THOMAS COUNTY HAS REGISTERED WITH AND IS PARTICIPATING IN A FEDERAL WORK AUTHORIZATION PROGRAM\* [ANY OF THE ELECTRONIC VERIFICATION OF WORK AUTHORIZATION PROGRAMS OPERATED BY THE UNITED STATES DEPARTMENT OF HOMELAND SECURITY TO VERIFY INFORMATION OF NEWLY HIRED EMPLOYEES, PURSUANT TO THE IMMIGRATION REFORM AND CONTROL ACT OF 1986 (IRCA) P.L. 99-603], IN ACCORDANCE WITH THE APPLICABILITY PROVISIONS AND DEADLINES ESTABLISHED IN O.C.G.A. 13-10-91

THE UNDERSIGNED FURTHER AGREES THAT, SHOULD IT EMPLOY OR CONTRACT WITH ANY SUBCONTRACTOR(S) IN CONNECTION WITH THE PHYSICAL PERFORMANCE OF SERVICES PURSUANT TO THIS CONTRACT WITH THOMAS COUNTY, GA; CONTRACTOR WILL SECURE FROM SUCH CONTRACTOR(S) SIMILAR VERIFICATION OF COMPLIANCE WITH O.C.G.A. 13-10-91 ON THE SUBCONTRACTOR AFFIDAVIT PROVIDED IN RULE 300-10-01-.08 OR A SUBSTANTIALLY SIMILAR FORM. CONTRACTOR FURTHER AGREES TO MAINTAIN RECORDS OF SUCH COMPLIANCE AND PROVIDE A COPY OF EACH SUCH VERIFICATION TO THOMAS COUNTY COMMISSIONERS' OFFICE AT THE TIME THE SUBCONTRACTOR(S) IS RETAINED TO PROVIDE THE SERVICE.

\_\_\_\_\_  
E-VERIFY USER IDENTIFICATION NUMBER

\_\_\_\_\_  
AUTHORIZATION DATE

JOB DESCRIPTION Bridge Maintenance and Rehab – County Line Road, Summerhill Road, Dollar Store Road, Stage Road, Old Cassidy Road, Bee Line Road, Metcalfe Road, Springhill Road, Boston Monticello Road, Old Quitman Road, Maddox Road, Murphy Road, Patten Coolidge Road, Airline Road, Dillion Road, Clyde Griffin Road, Salem Road, Pope Road, Ozell Road, McKinnon Road, Gatlin Creek Trails, Gatlin Creek Road.

LEGAL NAME OF BUSINESS \_\_\_\_\_

\_\_\_\_\_  
BY: AUTHORIZED OFFICER OR AGENT

\_\_\_\_\_  
DATE

\_\_\_\_\_  
TITLE OF AUTHORIZED OFFICE OR AGENT

SUBSCRIBED AND SWORN  
BEFORE ME ON THIS THE  
\_\_\_\_ DAY OF \_\_\_\_\_ 20\_\_

NOTARY PUBLIC  
MY COMMISSION EXPIRES:

\*As of the effective date of O.C.G.A. 13-10-91, the applicable federal work authorization program is the "EEV/Basic Rule Pilot Program" operated by the U.S. Citizenship and Immigration Services Bureau of the U.S. Department of Homeland Security, in Conjunction with the Social Security Administration (SSA)

LOWER TIER CONTRACTOR CERTIFICATION REGARDING DEBARMENT,  
SUSPENSION AND OTHER RESPONSIBILITY MATTERS

I hereby certify that I am the \_\_\_\_\_ and duly authorized representative of the firm of \_\_\_\_\_, whose address is \_\_\_\_\_, and I certify that I have read and understand the attached instructions and that to the best of my knowledge and belief the firm and its representatives:

- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by the Georgia Department of Transportation and by any Federal department or agency;
- (b) I acknowledge that this certification is provided pursuant to Executive Order 12549 and 49 DFR Part 29 and that this firm agrees to abide by the rules and conditions set forth therein for any misrepresentation that would render this certification erroneous, including termination of this agreement and other remedies available to the Georgia Department of Transportation and Federal Government.
- (c) I further acknowledge that this certificate is to be furnished to the Georgia Department of Transportation, in connection with the Prime Contractor Agreement involving participation of Federal-Aid Highway Funds, and is subject to applicable State and Federal laws, both criminal and civil.

Date \_\_\_\_\_ (seal)

CERTIFICATION OF SPONSOR  
DRUG-FREE WORKPLACE

I hereby certify that I am a principle and duly authorized representative of \_\_\_\_\_  
whose address is \_\_\_\_\_ and it is also 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 the sponsor's employees during the performance of the contract; and,
3. Each subcontractor hired by the SPONSOR shall be required to ensure that the subcontractor's employees are provided a drug-free workplace. The SPONSOR shall secure from that subcontractor the following written certification: "As part of the subcontracting agreement with \_\_\_\_\_, \_\_\_\_\_ certifies to the subcontractor's employees during the performance of this contract pursuant to paragraph (7) of subsection (b) of the Official Code of Georgia Annotated Section 50-24-3"; and,
4. It is certified that 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 contract.

Date \_\_\_\_\_



## Request for Taxpayer Identification Number and Certification

Give Form to the  
 requester. Do not  
 send to the IRS.

Print or type See Specific Instructions on page 2.	Name (as shown on your income tax return)	
	Business name/disregarded entity name, if different from above	
	Check appropriate box for federal tax classification (required): <input type="checkbox"/> Individual/sole proprietor <input type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ _____ <input type="checkbox"/> Other (see instructions) ▶ _____	
	<input type="checkbox"/> Exempt payee	
	Address (number, street, and apt. or suite no.)	Requester's name and address (optional)
City, state, and ZIP code		
List account number(s) here (optional)		

### Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on the "Name" line to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Social security number										

**Note.** If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Employer identification number										

### Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
3. I am a U.S. citizen or other U.S. person (defined below).

**Certification instructions.** You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 4.

<b>Sign Here</b>	Signature of U.S. person ▶	Date ▶
------------------	----------------------------	--------

### General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

#### Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income.

**Note.** If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

**Definition of a U.S. person.** For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

**Special rules for partnerships.** Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business. Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid withholding on your share of partnership income.



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME:	
	PHONE (A/C, No. Ext):	FAX (A/C, No.):
	E-MAIL ADDRESS:	
	INSURER(S) AFFORDING COVERAGE:	NAIC #
INSURED	INSURER A :	
	INSURER B :	
	INSURER C :	
	INSURER D :	
	INSURER E :	

## COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> YES <input type="checkbox"/> NO (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

## CERTIFICATE HOLDER

## CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE