1. **SCOPE OF WORK**

Provide asphalt resurfacing services for CDBG funded project based on a total sum bid. The project limits are approximately three quarters (3/4) of a mile. All roads shall be resurfaced utilizing a one-inch (1”) overlay with SP 9.5 asphaltic concrete. Asphalt shall have a maximum RAP content of not more than thirty percent (30%). Quantities listed are estimates only. Contractor shall field verify all quantities. Bids shall be inclusive of all costs to include temporary striping, leveling quantities, and any incidental costs for the resurfacing and replacement of the existing pavement markings and RPMs with paint and thermoplastic. Leveling courses will not be added without modification of resurfacing limits by the County. A mandatory pre-construction meeting will be held prior to the commencement of any work.

All standard equipment, work operations, safety equipment, personal protective equipment, and lighting required or mandated by State, Federal, OSHA, or Americans with Disabilities Act (ADA) regulations must be provided and used by the vendor and its employees. All work and materials shall conform to Florida Department of Transportation Standard Specification for Road and Bridge Construction, 2025 Edition (or latest edition), Uniform Traffic Control Devices (MUTCD), 2025 Edition (or latest edition), and the Florida Method of Test for Traffic Striping Retroreflectivity Designation: FM 5-541 (or latest edition)

The County does not guarantee a minimum or maximum dollar amount to be expended on any contract(s) resulting from this solicitation. Orders may be funded in whole or in part with federal funds and is subject to federal requirements including but not limited to those set forth in 2 C.F.R. Part 200, Appendix II. Work performed shall be in strict compliance with the latest codes, standards, and practices and in accordance with Federal, State, and Local laws.

1. **CONTRACTOR RESPONSIBILITIES**

Shall:

* 1. Furnish all labor, material, equipment, tools, fuel, and any incidentals of a suitable type and grade to complete the project within the proposed time for project completion.
  2. Provide competent, qualified, and experienced, personnel to perform the work as required by the contract specifications and as directed by the County.
  3. Provide adequate personnel, in the event of sickness or any absence, a substitute of equal skill shall be provided at no additional cost.
  4. Provide a neat and clean in appearance dress code for contractor’s employees that consists of a shirt with company name, pants, and work shoes/boots.
  5. Project a professional image, deal effectively with the public, and discharge duties in a courteous and efficient manner.
  6. Provide a list of all foremen and supervisors who will perform the work, to include twenty-four (24) hour emergency telephone numbers.
     1. During regular working hours (Monday through Friday, 8:00 A.M. to 5:00 P.M.), emergency service response time (defined as the time from acknowledged notification to arrival on-site) shall be within 2 hours after notification by the County.
     2. During other than regular working hours, the emergency response time, as defined above, shall be within 4 hours after notification by the County.
  7. A competent superintendent and traffic supervisor shall be made available on site at all times and have the authority to act on behalf of the Contractor.
     1. Superintendent and traffic supervisor shall not be replaced without written notice to the County.
  8. Superintendent and traffic supervisor shall have available communication devices with internet access, including email (e.g. cellular phone, laptop computer, etc.) to ensure proper communication and documentation.
  9. Superintendent shall be responsible for the supervision and management of the work and maintain good discipline and order at the work site.
  10. Worksite traffic supervisor shall be responsible for all MOT, including installing and maintaining all traffic control devices
  11. Superintendent, traffic supervisor, and other personnel as appropriate shall attend the mandatory pre-construction meeting to discuss topics such as, but not limited to, schedules, processing of invoices, project limits, maintenance of traffic, utility coordination, subcontractor use (if applicable), and to establish a working understanding among all parties.
  12. Contractor shall be solely responsible for all construction means, methods, techniques, sequences and procedures, as well as coordination of all portions of the work.
  13. Any contractor personnel that are determined to be incompetent, careless or otherwise objectionable shall be removed from the site immediately.
      1. No request for time extensions will be granted for the removal of any personnel.
  14. Chemical treatments shall not be applied without providing proof of State of Florida Chemical Applicators Licensure.

1. **COUNTY RESPONSIBILITIES**

Will:

* 1. Provide for a mandatory pre-construction meeting to be held prior to the commencement of any work.
  2. Provide project limits pre-marked with white paint.
  3. Reserves the right add or remove services in conjunction with the County’s needs.
  4. Reserves the right to inspect and approve materials, workmanship, and equipment, and any incidentals necessary for contract performance.
  5. Reserves the right to suspend operations, wholly or in part, pursuant to Governor’s Declaration of a State of Emergency.
  6. Reserves the right to remove any contractor personnel for disorderly conduct, or determined to be incompetent, careless or otherwise objectionable.

1. **CONTRACT TIME AND TIME EXTENSION**
   1. Contract time is the total number of consecutive calendar days from the Notice to Proceed to the completion of work.
   2. Contractor shall work diligently and coordinate with their subcontractors, material suppliers, and other contractors to prevent delays by their actions or inactions.
   3. No time extensions shall be granted for delays due to weather, weather-related ground conditions, inadequate work force, or failure to timely order equipment or materials.
   4. If delayed by unforeseeable causes beyond any control, Contractor shall notify the County in writing within two (2) calendar days of the delay, stating the cause, or waive any right to request a time extension.
   5. The Contractor shall cooperate with the County’s delay investigation by providing all requested schedules, correspondence, and data.
   6. The County will determine the facts and extent of the claimed delay, and findings of fact shall be final and conclusive.
      1. Extensions to the contract time shall only be granted for delays that impact the Contractor’s construction schedule.
      2. Contract time extensions shall be authorized by an approved change order.
   7. The County may require the contractor to remove operations from the right-of-way or County property due to traffic or unusual conditions.
      1. If removal is required before 12:00 PM (noon) due to traffic, severe weather, or unusual conditions, the County may allow a one half-day extension; otherwise, no extension will be given.
      2. The County shall determine and authorize such award after Contractor makes a written request.
   8. Requests for contract time extensions due to rain may be made by phone and shall be confirmed in writing the same day.
      1. Request for a full rain day shall be submitted by 12:00 PM (Noon) on the day of the request.
      2. Half day request must be submitted in writing by 1:00 PM on the day of the request.
      3. Once the request is submitted and approved, Contractor shall cease all operations to receive credit for additional contract time.
   9. Permission to Suspend Contractor’s Operations
      1. Contractor shall not suspend operations or remove equipment or materials necessary for completing the work without obtaining the County’s written permission.
      2. Contractor shall submit all requests for suspension of operations in writing to the County’s Project Manager and identify specific dates to begin and end the suspension.
      3. Contractor is not entitled to any additional compensation for suspension of operations during such periods.
   10. Prolonged Suspensions
       1. If the County suspends Contractor’s operations for an indefinite period, Contractor shall store all materials in such manner that they will not obstruct or impede the traveling public unnecessarily or become damaged in any way and shall take every reasonable precaution to prevent damage to or deterioration of the work performed.
       2. Contractor shall provide suitable drainage of the roadway by opening ditches, shoulder drains, etc., and provide any temporary structures necessary for public travel through the project.
   11. State of Emergency
       1. The County reserves the right to suspend Contractor’s operations, wholly or in part, pursuant to a Governor’s Declaration of a State of Emergency.
       2. The County will order such suspension in writing, giving in detail the reasons for the suspension.
       3. Contract time will be charged during all suspensions of Contractor’s operations.
       4. The County, at its sole discretion, may grant an extension of Contract time and reimburse Contractor for specific costs associated with such suspension.
       5. The County’s determination as to entitlement to either time or compensability will be final, unless Contractor can prove by clear and convincing evidence to a Disputes Review Board that the County’s determination was without any reasonable factual basis
2. **DELIVERY REQUIREMENTS AND ACCEPTANCE.**
   1. Work shall start no later than **September 5, 2025** and shall be performed in one contractor mobilization.
   2. Prior to the commencement of work, the contractor shall provide a video recording of the project limits, documenting all existing conditions and deficiencies such as but not limited to driveways, road intersections, and vegetation on DVD or thumb drive. The video must display the date and time it was recorded.
   3. Contractor shall be responsible for repair of potholes that occur on any roads within the project limits within seventy-two (72) hours of the notice to Contractor.
   4. Accident Prevention and Barricades
      1. Precautions shall be exercised at all times for the protection of persons and property.
      2. Barricades must be provided by the vendor when work is performed in areas traversed by persons, or when deemed necessary by the County.
      3. Any fines levied by the above-mentioned authorities for failure to comply with these requirements will be borne solely by the responsible vendor.
   5. Changes in Work
      1. The County may issue written change orders for extra work or changes within the project scope, which are binding on the contractor.
      2. All change orders will follow Lake County Purchasing Procedures. A copy is available upon request.

6.6.3. Extra work will be valued using contract unit prices or, if not available, by negotiation.

6.6.6. If a lump sum item’s quantity changes significantly due to plan changes, compensation will be adjusted proportionately.

6.6.7. Signing a change order waives all claims for additional time or compensation for work covered by that change order prior to its execution.

* 1. Errors and Omissions
     1. Contractor shall not take advantage of any apparent error or omission in the Contract Documents.
     2. If any errors and/or omissions appear in the contract documents, or construction stakeout, Contractor shall immediately notify the County, in writing, of such errors and/or omissions.
     3. Failure to provide such notification, Contractor shall be deemed to have waived any claim for increased time or compensation he may have had and he shall be held responsible for the results and the costs of rectifying any such errors and/or omissions.
  2. Equipment
     1. Equipment used within the right of way shall have a slow-moving vehicle sign and a properly functioning amber flashing or white strobe light.
     2. All equipment shall be kept in good repair, be environmentally safe, remain free of oil leaks, fuel emissions, leaking hydraulics lines, and have manufacturer-installed safety devices in place and fully operational at all times.
  3. Lands for Work and Access
     1. County shall provide access to the Right of Way of each roadway within the project limits. Contractor shall confine all construction equipment, the storage of materials and equipment, and the operations of workers to the project site and land areas identified.
     2. Contractor shall ensure and comply with any permit requirements from Federal, State, County, or local agencies in the storage of material on properties not under the control of Lake County.
     3. The utilization of private property for staging or storage requires a letter of consent an original letter of consent for staging or storage, signed by the legal private property owner. The letter shall contain the property owners’ name, property address, telephone number and legal signature of the owner.
     4. Contractor shall assume full responsibility for any damage to any such land or area, or to the owner or occupant thereof, or any land or areas contiguous thereto, resulting from the performance of the work.
  4. Contractor shall provide best management practices at storage sites to prevent erosion, hazardous materials contamination, or other contaminations from occurring.
  5. Project Spoils
     1. Spoils to include asphalt millings created from the project operations shall become the property of Contractor.
     2. Contractor shall dispose of the spoils at no expense to the County.
     3. Contractor shall provide an original letter of consent and agreement from private property owners should the spoils be disposed of on private property. The letter shall contain the owners’ name, property address, telephone number and the legal signature of the owner.
     4. Spoils shall not be deposited in any flood zone or wetland area regardless of owner’s consent.

1. **INSPECTION REQUIREMENTS**
   1. Contractor shall furnish the County with every reasonable facility for ascertaining whether the work performed, and materials used are in accordance with the requirements and intent of the plans and specifications.
   2. Contractor shall, at any time before final acceptance of the work, remove or uncover such portions of the finished work as directed.
   3. Contractor shall restore the uncovered portions after inspection of the work to the standard required by the specifications.
   4. Should the work that is inspected prove unacceptable, the uncover or removal, and the replacing of the covering or making good of the parts removed, shall be at Contractor’s expense.
      1. However, should the work thus exposed or examined prove acceptable, the uncovering or removing, and the replacing of the covering or making good of the parts removed, shall be paid for as Unforeseeable Work.
      2. Failure of the Contractor to remove and renew defective materials and work, or to make any necessary corrections in an acceptable manner within the time indicated in writing, the County shall have the authority to cause the unacceptable or defective materials or work to be repaired, removed and renewed, as may be necessary, at Contractor’s expense.
      3. Any expense incurred in making these repairs, removals, or renewals, which Contractor has failed or refused to make, shall be paid for out of any moneys due or which may become due Contractor, or may be charged against the contract bond.
      4. Continued failure or refusal on the part of Contractor to make any or all necessary repairs promptly, fully and in an acceptable manner shall be sufficient cause for the County, at its option, to perform the work with its own organization, or to contract with any other individual, firm or corporation to perform the work.
      5. All costs and expenses incurred shall be charged against the defaulting Contractor and the amount shall be deducted from any moneys due or which may become due or shall be charged against the contract bond.
      6. Any work performed subsequent to forfeiture of the contract shall not relieve Contractor in any way of his responsibility for the work performed by him.
   5. When the United States Government, or State of Florida, is to pay a portion of the cost of construction, the construction work will be subject to such inspection by its representatives as they may deem necessary, but such inspection will in no case make the Federal Government, or State of Florida, a party to this contract.
   6. Should the County fail to reject defective work or materials, during or prior to construction operations, shall in no way prevent later rejection when such defect is discovered, or obligate the County to final acceptance. Contractor shall make no claim for losses suffered due to any necessary removals or repairs of such defects.
2. **PROJECT SCHEDULE**
   1. Contractor shall provide a complete schedule detailing each phase of the work.
   2. The schedule shall be provided to the County for review and approval at least seventy-two (72) hours prior to the scheduled start date.
   3. It shall be Contractor’s responsibility to communicate to the County any variance of this schedule when it occurs.
   4. All scheduling changes are subject to approval and shall be provided forty-eight (48) hours prior to the proposed change.
   5. Scheduling requests that do not comply with the submittal requirements will not be considered or approved.
   6. Requests that are not in compliance with the submittal requirements shall not be justification for contract time extensions.
3. **SUBCONTRACTORS**
   1. Contractor shall provide a statement setting forth the name and address of the subcontractor and a summary description of the work subcontracted within 10 calendar days after any subcontract award.
   2. Contractor shall be as fully responsible to the County for acts and omissions of their subcontractor and of persons either directly or indirectly employed by them.
4. **TECHNICAL REQUIREMENTS**

Technical Requirements shall conform to Florida Department of Transportation Standard Specification for Road and Bridge Construction, 2025 Edition (or latest edition) and Uniform Traffic Control Devices (MUTCD), 2025 Edition (or latest edition).

* 1. Shoulder Preparation
     1. Vegetation shall be cut and removed from the pavement edge, including any on the pavement surface, extending six (6) inches beyond the edge before new asphalt is placed.
     2. Contractor shall remove all resulting materials the same workday; windrowing overnight or longer is not allowed.
     3. Contractor shall not create a shoulder drop-off greater than one (1) inch from the pavement edge when removing vegetation. If a larger drop-off occurs, the contractor shall restore it to one (1) inch or less. If left overnight, flashing lighted barricades must mark the hazard.
     4. The unit cost for shoulder preparation shall be included in the proposal price for new asphaltic concrete and shall include mobilization, MOT, equipment, labor, and related costs.
  2. Vegetation Removal
     1. Vegetation shall be removed from cracks or joints by using a propane torch, chemical herbicide, or as approved by the County.
     2. The application of chemicals shall not commence without providing a copy of a State of Florida Pesticide Applicators License prior to any chemical application.
     3. Herbicide applicators shall hold a State of Florida Pesticide Applicator License or work under the direct supervision of licensed applicator.
     4. Chemical herbicide shall be applied according to the manufacturer’s specifications.
     5. The vegetation shall be totally browned before the new asphaltic concrete is installed.
     6. A log of all herbicides shall be kept, and a copy shall be supplied to the County.
     7. This log shall contain the following information:
        1. Type of herbicide
        2. Manufacturer of the product
        3. Mixture rate used
        4. Application rate used
        5. Application location
        6. Application date and time
        7. Weather conditions at the time of application
     8. Vegetation removal costs by propane torch or chemical herbicide treatment shall include, but not be limited to; mobilization, MOT, herbicide, labor, etc., and shall be included in the overall cost of the paving operation.
  3. Milling of Existing Asphaltic Concrete Pavement
     1. Milling shall conform to Section 327 MILLING OF EXISTING ASPHALT PAVEMENT.
     2. Intersecting joints between proposed paving and existing pavement shall be keyway milled to provide a smooth transition. The keyway shall be four (4) to six (6) feet wide and one (1) inch deep at the point of tie into existing pavement.
     3. The milling machine shall be equipped to effectively limit the amount of dust escaping during the milling operation. The County shall require pre-wetting of the pavement if it is determined too much dust being created by the milling operation.
  4. Prime and Tack Coats
     1. Tack coat shall be placed in accordance Section 300, PRIME AND TACK COATS.
     2. Tack coat shall be installed prior to the installation of the new asphaltic concrete.
     3. Tack coat surface shall be kept free of traffic until the asphalt has been placed.
     4. Contractor shall ensure that tack coat is only applied to an area that will receive the asphalt layer within the same day’s operation.
     5. The tack coat shall only be applied to one lane of traffic at a time and shall not exceed one half (1/2) mile, unless otherwise approved by the County.
     6. The unit cost for tack coat shall be included in the proposal price for installing new asphaltic concrete. No mobilization shall be charged for this operation and the cost provided shall include, but not be limited to: MOT, equipment, labor, etc.
  5. Asphaltic Concrete Superpave
     1. The asphaltic concrete used shall be supplied and placed in accordance, Section 320, HOT MIX ASPHALT PLANT METHODS AND EQUIPMENT and Section 330, HOT MIX ASPHALT GENERAL CONSTRUCTION REQUIREMENTS. Asphalt provided under this solicitation shall not have a RAP content of more than 30%.
     2. Contractor shall be responsible to ensure positive drainage of the surface from the roadway to curb, edge of roadway and/or valley gutter.
     3. There shall be no standing water along the pavement where there is no standing water in the curb.
     4. Contractor shall provide proper and adequate fall across entrances and cul-de-sacs to ensure proper drainage of these areas.
     5. No water shall be standing in the crown of the roadway. The cross slope of the roadway shall not be modified during resurfacing.
     6. Should there be low areas that may result in water standing on the new pavement, locations and resolution shall be discussed and resolved prior to starting work in the area.
     7. The unit cost shall be based on one (1) inch increments, unless otherwise specified by repair method. The cost for fractional amounts shall be invoiced according to the actual fractional amount installed.
     8. The unit cost for asphaltic concrete type SP-9.5 shall be included in the proposal price for installing new asphaltic concrete. No mobilization shall be charged for this operation, and the cost provided shall include, but not be limited to: MOT, equipment, labor, etc.
  6. Leveling Course
     1. Leveling Course shall conform to Section 330, HOT MIX ASPHALT GENERAL CONSTRUCTION REQUIREMENTS.
     2. Any request for leveling course shall be identified at the time of bidding, no change orders will be approved to add leveling course after project award.
     3. The leveling course shall be used to help provide a smooth driving surface by filling in voids and deformations such as wheel ruts, depressions, etc.
     4. The specified asphaltic concrete mix is to be placed on the existing irregular pavement or base.
     5. The quantity shall be based on one-half (1/2) inch for the specified area of the road surface.
        1. It is understood that some areas of the roadway will not require the entire one-half (1/2) inch and other areas may require greater than one-half (1/2) inch of asphaltic concrete.
     6. The final product shall provide a smooth driving surface.
     7. County shall approve the placement of all leveling courses prior to the performance any work.
     8. Profiling of the roadway to change the grade or cross slope of the road shall not be completed with the use of a leveling course.
     9. If the County chooses to change the profile of the road, it shall be quantified and paid by using the unit prices for specified asphaltic concrete.
     10. There shall be no additional charge to the County for additional asphaltic concrete needed nor shall the County expect a credit if the specified amount of asphaltic concrete was not used.
  7. Radius Paving
     1. The limits of the radius area to be paved shall be marked with white paint.
     2. All existing pavement markings within the radius area being paved shall be replaced to the specifications outlined within this proposal.
     3. Contractor shall ensure that the joint between the existing and new pavement provides a smooth transition. The square yardage for the radius paving shall be calculated and included in the total square yards as submitted within the bid.
  8. Driveways
     1. Driveway joints with the exception of brick pavers, are to be paved with a one (1) foot per inch or greater slope to achieve a smooth transition.
     2. Driveways are to be swept and tacked before paving.
     3. The cost of installing asphaltic concrete on driveway aprons shall be considered incidental and shall be included in Contractor’s per unit resurfacing cost and no additional cost shall be permitted for driveway paving.
  9. Compaction
     1. Installed asphaltic concrete shall be compacted in accordance with Section 330, HOT MIX ASPHALT – GENERAL CONSTRUCTION REQUIREMENTS.
     2. If an area does not meet these requirements, the County shall hire an independent testing laboratory to determine accordance with this specification.
     3. Areas not in conformance with this specification will need to be removed and replaced at contractor’s expense.
  10. Smooth Transition
      1. A four (4) to six (6) foot keyway mill shall be installed on all contiguous roads that are not being milled to ensure a smooth transition between the new and existing pavement.
  11. Quality Inspections
      1. Core samples shall be taken by an independent laboratory approved by the County.
      2. Contractor shall provide the County with the address and contact information of the laboratory prior to any resurfacing work starting.
      3. Core samples shall be taken every five hundred (500) feet regardless of how many lanes are being resurfaced.
      4. Unless otherwise authorized by the County’s Project Manager, the cores shall be taken in a random pattern as indicated on the diagram below.

Core Sample

Locations

* + 1. Roads that are less than one thousand (1,000) feet shall have a minimum of two (2) core samples taken.
    2. The cores shall be taken at a depth that will show the new and existing asphaltic concrete.
    3. The holes that were created shall be filled by taking the core samples with a product approved by the County.
    4. Results of the core sample tests shall be sent directly from the laboratory to the County.
    5. From these samples, a determination of the average thickness of the asphaltic concrete shall be made by the testing laboratory.
    6. If at any time Contractor wishes to request more core samples than what the County has required, they shall do so in writing. The cost for the additional cores shall be the responsibility of Contractor.
  1. Deficiencies of Asphaltic Concrete Thickness
     1. A deficiency in the thickness of the asphaltic concrete overlay of no more than one-quarter (1/4) inch shall be allowed.
     2. When the deficiency in the thickness of the asphaltic concrete is over one quarter (1/4) inch, but not more than three-eighths (3/8) inch of the specified thickness, the County shall allow Contractor to leave such asphaltic concrete in place, but without compensation.
     3. The County shall determine the square yard area, for which the County shall make no payment, by multiplying the width of the lanes by the length between the closest acceptable cores.
     4. Where the deficiency in thickness is in excess of three-eighths (3/8) inches of the specified thickness, Contractor shall correct the deficiency.
     5. For any case of excess deficiency of the installed asphaltic concrete, Contractor shall correct the deficient thickness by adding new asphaltic concrete over the defective area.
     6. The minimum thickness for any repair of deficiency shall conform to the layer thickness standards listed under the asphaltic concrete section of these specifications.
     7. Contractor shall replace the full thickness as required by the County or a length extending at least fifty (50) feet from each end of the deficient area.
     8. The County shall mark the area that shall be corrected with pink paint. The paving shall extend to the outside edge of the paint mark.
     9. Any additional cost associated with correcting deficiencies shall be the responsibility of Contractor and no additional cost shall be charged to the County, even if the repair would make the final thickness of the asphaltic concrete overlay in excess of the original specified thickness.
  2. Manholes / Valves
     1. Work shall be in accordance Section 425, INLETS, MANHOLES, AND JUNCTION BOXES.
     2. Contractor shall perform all utility coordination required to address all manholes/valves located within the project limits.
     3. All manholes and water valves shall be adjusted by Contractor to within one-half (1/2) inch of the final surface of the newly installed asphaltic concrete prior to placing the new asphaltic concrete.
     4. The utility provider shall furnish and install any required adjustments.
     5. No mobilization shall be charged for this operation, and the cost provided shall include, but not be limited to mobilization, MOT, equipment, labor, etc.
  3. Traffic Stripes and Markings

All striping operations shall include, but not be limited to: mobilization, MOT, equipment, labor, and any other incidental charges associated with the operation and conform with the Manual of Uniform Traffic Control Devices (MUTCD), 2025 (01/18/24) Edition (or latest edition / revision), Section 710, PAINTED PAVEMENT MARKINGS with special attention to Section 710-4.3 concerning the retroreflectivity.

* + 1. Contractor shall ensure the current striping layout is recorded before the resurfacing activity is started.
    2. Only water borne non-lead type paint shall be accepted.
    3. The existing striping layout shall be reapplied on the new asphaltic concrete unless the County provides a new striping pattern.
    4. If an incorrect striping pattern is installed, the Contractor’s shall remove the markings and repair any damaged surfaces by a County approved method, at the Contractor’s expense.
    5. Striping shall be maintained by the Contractor throughout the duration of the work and shall be in place at the end of each workday.
    6. Painted traffic stripes and markings shall be installed prior to the removal of the MOT.
    7. Suitable traffic control measures shall be provided in areas where pavement markings are unable to be installed to include, but not limited to, warning signs, channelizing devices, and delineation to indicate the required travel ways in temporary traffic control zones.
    8. Any additional plans of MOT methods shall be submitted in writing and approved by the County prior to implementation.
    9. The minimum retroreflectance of white pavement markings shall not be less than 300 mcd/lx-m2 and the minimum retroreflectance of yellow pavement markings shall not be less than 250 mcd/lx-m2.
    10. Hand liners shall be used only for transverse, taper, or gore sections of pavement striping and markings and shall not be used for pavement stripes that are longer than two hundred (200) linear feet unless the stripes are part of a taper, gore area, or an intersection lane that cannot be installed with a truck mounted applicator.
    11. Contractor shall self-inspect all road markings using the August 7, 2025, Florida Method of Test for Traffic Striping Retroreflectivity Designation: FM 5-541 (or latest edition), to test and certify width, thickness, color, and retroreflectivity.
    12. Results shall be submitted to the County on a reporting form pre-approved by the County.
    13. County shall review the test results provided. If the County determines it is necessary, it may perform their own testing on any portion of the completed road, using the same methods to evaluate and certify retroreflectivity, width, thickness and color. All costs for such additional County testing shall be borne by the County.
    14. County shall notify Contractor of any deficiencies. Contractor shall correct all deficiencies before final acceptance and payment is made. The County’s tests shall be final and binding.
  1. Thermoplastic Traffic Stripes and Markings

All striping operations shall include, but not be limited to: mobilization, MOT, equipment, labor, and any other incidental charges associated with the operation and conform with the Manual of Uniform Traffic Control Devices (MUTCD), 2025 Edition (or latest edition / revision), Section 710, PAINTED PAVEMENT MARKINGS with special attention to Section 710-4.3 concerning the retroreflectivity.

* + 1. All thermoplastic striping shall comply with the Section 711, THERMOPLASTIC PAVEMENT MARKINGS. Contractor should pay special attention to Section 711-4.3 concerning the retroreflectivity.
    2. The minimum retroreflectance of white pavement markings shall not be less than 450 mcd/lx-m2 and the minimum retroreflectance of yellow pavement markings shall not be less than 350 mcd/lx-m2.
    3. Thermoplastic striping shall not be applied prior to a Fourteen (14) day cure period from the time of asphaltic concrete application, unless otherwise approved by the County.
    4. Contractor shall ensure the current striping layout is recorded before the resurfacing activity is started.
    5. The existing striping layout shall be reapplied on the new asphaltic concrete unless the County provides a new striping pattern.
    6. If an incorrect striping pattern is installed, the Contractor’s shall remove the markings and repair any damaged road surfaces by a County approved method, at the Contractor’s expense.
    7. Hand liners shall be used only for transverse, taper, or gore sections of pavement striping and markings and shall not be used for pavement stripes that are longer than two hundred (200) linear feet unless the stripes are part of a taper, gore area, or an intersection lane that cannot be installed with a truck mounted applicator.
    8. Contractor shall self-inspect all road markings using the August 7, 2025, Florida Method of Test for Traffic Striping Retroreflectivity Designation: FM 5-541 (or latest edition),
    9. Results shall be submitted to the County on a reporting form pre-approved by the County.
    10. County shall review the test results provided. If the County determines it is necessary, it may perform their own testing on any portion of the completed road, using the same methods to evaluate and certify retroreflectivity, width, thickness and color. All costs for such additional County testing shall be borne by the County.
    11. County shall notify Contractor of any deficiencies. Contractor shall correct all deficiencies before final acceptance and payment is made. The County’s tests shall be final and binding.
    12. Longitudinal pavement markings are subject to an 18-month observation period under normal traffic.
    13. The observation period shall begin with the satisfactory completion and acceptance of the work.
    14. Markings shall show no signs of failure due to blistering, excessive cracking, chipping, discoloration, and/or poor adhesion to the pavement, loss of reflectivity or vehicular damage.
    15. The retroreflectivity shall meet the initial requirements of FM 5-541. Contractor shall replace, at no cost to the County, any thermoplastic pavement markings that do not perform satisfactorily under traffic during the 18-month observation period.
  1. Public Notification of Work
     1. Residents shall be notified within the work area of the project’s schedule and explain the level of inconvenience that will be involved.
     2. Proposed door hanger notifications shall be provided to the County for approval.
     3. County approved door hangers shall be placed on each affected residence and vehicles parked on the affected roadways seven (7) calendar days prior to any work.
  2. Worksite Traffic Supervisor

Contractor shall provide a worksite traffic supervisor responsible for all MOT, including installing and maintaining all traffic control devices as specified in Florida Department of Traffic Standard Specifications for Road and Bridge Construction, 2025 Edition (or latest edition), Section 102, MAINTENANCE OF TRAFFIC.

* + 1. The traffic supervisor shall review the project daily, oversee all changes to traffic control devices and patterns, address related situations, and have access to all necessary resources to maintain traffic control.
    2. The traffic supervisor shall be available twenty-four (24) hours a day for emergencies and able to respond to the site within forty-five (45) minutes of notification.
    3. Failure to comply with Section 102, shall result in removal from the project. If removed, the contractor shall provide a properly trained replacement.
    4. If a designated traffic supervisor is not maintained or provisions are not met, all work will be temporarily suspended except MOT, erosion control, and other activities needed or project maintenance and safety.
    5. The cost of the worksite traffic supervisor shall be included in the overall cost of all operations required to complete the work as specified.

1. **WARRANTY REQUIREMENTS**

Any person, firm, or corporation which is submitting an offer under this solicitation shall hold a valid Certificate of Conformance certifying that the product(s) offered by the Contractor in conjunction with this solicitation have been duly approved by the State, County or municipal agency, and/or have been placed on their respective Approved Products List.

* 1. Type of Warranty Coverage Required
     1. The Contractor shall warrant its products and/or service against faulty labor and/or defective material, for a minimum period of eighteen (18) months after the date of acceptance of the labor, materials and/or equipment by the County.
     2. This warranty requirement shall remain in force for the full eighteen (18) month period; regardless of whether the Contractor is under contract with the County at the time of defect.
     3. Any payment by the County on behalf of the goods or services received from the vendor does not constitute a waiver of these warranty provisions.
  2. Correcting Defects Covered Under Warranty
     1. The Contractor shall be responsible for promptly correcting any deficiency, at no cost to the County, within fourteen (14) calendar days after the County notifies the vendor of such deficiency in writing.
     2. If the Contractor fails to honor the warranty and/or fails to correct or replace the defective work or items within the period specified, the County may, at its discretion, notify the vendor, in writing, that the vendor may be debarred as a County Contractor, and/or become subject to contractual default if the corrections or replacements are not completed to the satisfaction of the County within seven (7) calendar days of receipt of the notice.
     3. If the vendor fails to satisfy the warranty within the period specified in the notice, the County may (a) place the vendor in default of its contract, and/or (b) procure the products or services from another source and charge the incumbent vendor for any additional costs that are incurred by the County for this work or items; either through a credit memorandum or through invoicing.
  3. If any or all work required in conjunction with the contract resultant from this solicitation will be performed by a subcontractor(s) an applicable Certificate of Conformance issued to the subcontractor(s) shall be submitted with the prime contractor’s offer; provided, however, the County may at its sole option and in its best interests, allow the Contractor to supply the subcontractor(s) certificate to the County during the offer evaluation period.

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