

OFFICE OF THE FULTON COUNTY ENGINEER

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May 2, 2016

ADDENDUM 1

Fulton County 2016 Seal Coat Program

RE: Updated wage rate and supplemental specifications

1. Please attach the updated wage rates to the proposal.
2. Please attach the seal coat supplemental specifications to the proposal.
3. Please disregard the Fulton County Engineers Office Supplemental Specifications
4. Please change the completion date on the unit price bid schedule to August 19, 2016.

Cable Splicing:

When a workman is required to make up cables, pot heads, or splices, on lead cable only, a five percent (5%) per hour premium shall be added to the employee's regular rate of pay.

Note:

A premium of 5% above the employee's regular rate shall be paid to workmen performing work on structures outside of buildings such as water towers, smoke stacks, radio and television towers, more than 75 feet above the ground, also similar structures 30 feet above the roofs of buildings on which the work is being performed. This premium will also apply where workmen are called upon to perform work in caissons and tunnels more than 30 feet deep and in tunnels under air pressure. All work performed 40 feet above any floor or pit floor (excepting work performed in a "Bucket Truck" or from a property erected State-approved scaffold) or any height above any hazardous location, such as acid pits, machinery, etc., a premium of 5% above the employee's regular rate of pay shall be paid.

A premium of 5 % above the employee's regular rate of pay shall be paid if a welding certification is necessary.

**FULTON COUNTY ENGINEER'S OFFICE
SUPPLEMENTAL SPECIFICATIONS**

Except as modified by these plans and by the detailed specifications pertaining thereto, all work shall be governed by the Fulton County construction standards and by the State of Ohio Department of Transportation, "Construction and Material Specifications" dated January 1, 2010 and supplements, including but not limited to supplemental specifications, supplements and proposal notes, thereto in effect fourteen (14) calendar days prior to receiving bids.

Note: Item 409 " Seal Coat " is governed by the State of Ohio Department of Transportation, "Construction and Material Specifications" dated January 1, 1997.

DEFINITIONS: All references to **LABORATORY**, used in these supplemental specifications, shall mean a currently inspected **American Material Research Laboratory (AMRL)** testing laboratory capable of performing the mix designs in accordance with this supplemental specification.

ITEM 409 – SEAL COAT

All materials placed shall be at the application rates established in the Unit Price Bid Schedule. One copy of the material supplied shall accompany each load delivered to the job site, and shall be presented to the **ENGINEER** at the time of placement. Only material tickets from approved sources shall be accepted for payment. The conversion factor shall be established by the **CONTRACTOR**, and agreed upon by the **ENGINEER** for each material submitted.

Any stockpiling of materials, or the location of a stockpile site, shall be approved by the **OWNER**.

ITEM - SPECIAL – FOG SEAL

Specifications for SS-1H (diluted); CRPE bituminous material

| | Specification | METHOD |
|--|----------------------|----------------|
| TEST ON EMULSION | | |
| Furol Viscosity @ 25°C, sec. | 20-100 | ASTM D 244-00 |
| Residue by Weight, % | 30-35 | ASTM D 6997-04 |
| Oil distillate | < 2.0 | ASTM D 6997-04 |
| Sieve by Weight, % | < 0.1 | ASTM D 6933-04 |
| Storage Stability, 5 day on concentrate, % | < 7.0 | AASHTO T 59-01 |
| TESTS ON RESIDUE | | |
| Penetration @ 25°C, dmm. | 50-90 | ASTM D 5-05a |
| Solubility, % | 99.9 | ASTM D 2042-01 |

The Fog Seal application shall be completed no sooner than 7 days after the Seal Coat has been placed and no later than 14 days after the Seal Coat has been placed. Should the **CONTRACTOR** fail to meet this requirement, the **CONTRACTOR** shall be assessed a penalty in

the amount of \$500 per noncompliance road section per day. The first \$500 penalty will be assessed on the 15th day after the Chip Seal was completed and will continue to be assessed every day after that up to and including the day that the work is completed. If the work is completed on the 15th day after the Chip Seal is completed, a \$500 penalty will be assessed.

The road sections to be treated are to be swept of any loose chip seal aggregate, as per ODOT item 409.08. The sweeping of the Fog Seal sections shall be done approximately 5-7 days after the Chip Seal application and before the Fog Seal application. Care should be taken as to not dislodge the imbedded seal coat aggregate. The sweeping of the required sections shall be included in the cost of the Seal Coat.

Care should be taken to insure the applied fog seal materials have cured sufficiently before traffic is allowed to drive on it. Maintenance of Traffic for all applications shall be covered under Item 614.

ITEM 614 - MAINTAINING TRAFFIC

1. Local traffic only shall be maintained for access to and from local home sites.
2. Lights, signs, barricades and drums shall be provided by the **CONTRACTOR** and placed in accordance with the latest edition of the Ohio Manual of Uniform Traffic Control Devices. Maintaining Traffic in accordance with the above provisions shall be included for payment in the lump sum for Item 614, Maintaining Traffic.
3. The **CONTRACTOR** is responsible for contacting and keeping informed, the Fulton County Sheriff and all affected school districts during the entire project.
4. The **CONTRACTOR** shall notify the **ENGINEER** in writing seven working days prior to any work beginning.
5. Any road that has maintained traffic shall not have any work performed from 1 hour before sunset to sunrise the next day. No cones or other traffic control devices shall be left on maintained traffic roads past 1 hour before sunset.

PAVEMENT MARKING

Pavement Marking shall be completed no sooner than 3 days after the Fog Seal has been placed and no later than 10 days after the Fog Seal has been placed. Should the **CONTRACTOR** fail to meet this requirement, the **CONTRACTOR** shall be assessed a penalty in the amount of \$500 per noncompliance road section per day. The first \$500 penalty will be assessed on the 11th day after the Fog Seal was completed and will continue to be assessed every day after that up to and including the day that the work is completed. If the work is completed on the 11th day after the Chip Seal is completed, a \$500 penalty will be assessed.

TESTING FOR QUALITY CONTROL

An independent testing laboratory may be retained to insure quality control on the entire project. Should any retesting be required to settle disputes, such testing will be at the **CONTRACTOR**'s expense.

UNDERGROUND UTILITIES

Prior to any construction activity, the **CONTRACTOR** shall contact the Ohio Utility Protection Service (OUPS) at 1-800-362-2764.

CONTROL POINTS

Before actual construction operations begin, the **ENGINEER** will reference all existing monuments, railroad spikes, iron bolts, etc. in the survey line. Upon completion of the pavement surfacing, the **ENGINEER** will reestablish all control points in the new pavement.

PROTECTION AND RESTORATION OF PROPERTY AND LANDSCAPE

The **CONTRACTOR** shall be responsible for the preservation of all public and private property, and shall protect carefully from disturbance or damage all land monuments and property markers until the **ENGINEER** has witnessed or otherwise referenced their location and shall not move them until directed.

LOAD RESTRICTIONS

The **CONTRACTOR** shall comply with all legal load restrictions in the hauling of materials on public roads beyond the limits of the work. The operation of equipment of such weight as to cause damage to structures or to any other type of construction will not be permitted. Hauling of materials over the base course or surface course under construction shall be limited as directed by the **ENGINEER**. The **CONTRACTOR** shall be responsible for all damage done by his hauling equipment and shall correct such damage at his own expense.

SUBMITTALS

Within 45 days from the date of the Notice to Proceed, the **CONTRACTOR** shall submit, to the **ENGINEER**, all required submittals, including but not limited to: material supplier(s), material specifications, shop drawing(s), sub-contractor(s) list, and project progress schedule. The **CONTRACTOR** will not be eligible for a contract time extension due to his failure to submit the required submittals in a timely manner. As a courtesy, the **ENGINEER** may provide each **CONTRACTOR** a list of required submittals for reference. The completeness of this list, however, is not guaranteed and it shall be the responsibility of the **CONTRACTOR** to verify its completeness.

The **CONTRACTOR** shall, in writing, inform the **ENGINEER** of all submittals that deviate from the requirements of the Contract Documents. Submittals that are part of a system shall be made as a fully integrated submittal that will enable the **ENGINEER** to verify compliance with the Contract Documents.

The submittal(s) shall clearly identify the project name and shall be complete with respect to dimensions, materials of construction, the name and address of the manufacturer and local supplier, and pertinent catalog numbers. The information shall include enough detail to permit the **ENGINEER** to verify compliance with the Contract Documents and the design intent. The **CONTRACTOR** shall submit enough copies of all submittals to allow the **ENGINEER** to retain up to two (2) copies of each submittal.

The **CONTRACTOR**'s stamp of certification and signature shall be required on all copies of every submittal made to the **ENGINEER**. The stamp of certification shall constitute a representation to the **ENGINEER** that the **CONTRACTOR** has determined and verified all quantities, dimensions, field construction criteria, materials, catalog numbers, and similar data, or assumes full responsibility of doing so, and that the **CONTRACTOR** has reviewed and coordinated each shop drawing and sample with the requirements of the Contract Documents.

The **ENGINEER** will review and act with reasonable promptness upon shop drawings and samples, but this review and action shall be only for the conformance with the design concept of the project and for compliance with the information given in the Contract

Documents, and shall not extend to means, methods, sequences, techniques or procedures of construction, or to safety precautions or programs incident to such factors. The review of and action upon a separate item will not indicate acceptance of the assembly in which the item functions.

The approval of the **CONTRACTOR**'s submittals is for general conformance to the Contract Documents, but subject to the detailed requirements of the Contract Documents. Such review by the **ENGINEER** shall not relieve the **CONTRACTOR** of his responsibility for the accuracy, proper fit, functioning or performance of any phase of the work included in the Contract Documents. If the **ENGINEER** rejects a submittal as non-compliant with the Contract Documents, or if insufficient information has been provided to determine compliance, the **CONTRACTOR** shall make a re-submittal which complies with the Contract Documents or provides additional information as required. Re-submittals shall be clearly identified by the **CONTRACTOR** as such and all changes from the previous submittal shall be plainly evident through the use of conventional revision symbols, or an equally effective method.

COMPLETION DATE AND REMOVAL OF EQUIPMENT

All work shall be completed in its entirety by **August 19, 2016**.