

**OFFICE OF
STATE AID ROAD CONSTRUCTION**
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
P. O. BOX 1850
JACKSON, MISSISSIPPI 39215-1850

H. Carey Webb, P.E.
State Aid Engineer
Telephone (601) 359-7150
www.msstateaidroads.us

412 E. Woodrow Wilson Avenue
Jackson, Mississippi 39216
Fax (601) 359-7141

June 25, 2014

MEMORANDUM

TO: ALL COUNTY ENGINEERS

FROM: C. David Barrett
C. David Barrett, NBI Program Manager

SUBJECT: FY-2015 BRIDGE INSPECTION
BR-NBIS (081) B (On & Off System)

Enclosed is the FY-2015 Program, Agreement and Project Order for the above referenced project. Please have the Program, Agreement and Project Order executed by the Board of Supervisors, County Engineer and attested to by the Chancery Clerk with a certified copy returned to State Aid as soon as possible.

It is vital that we try to get all Program Agreements signed in July so we can begin work by August 1, 2014.

Also, I would like to emphasize that it will be important that **all** County Engineers become familiar with the new bridge system. There is currently a demo site that will remain available indefinitely. It is for you to use to practice and become familiar with the system without worrying about messing up any data. You should note that the demo site may run slower than the live site. The data set that is on the demo site is for practice only and should not be used for any other purpose. You will notice that it also includes all of the Counties. The live site will only show the County or Counties in which each County Engineer is responsible. There is a login required for the demo site. If you don't already have a login, please email a request for a login to Jim Maher.

The web address for the Demo site is <http://testdrive.bridgeinspect.com/OSARC-Demo/login.aspx>

Also enclosed, are the forms required for the certification of the Bridge Inspection Team Leader and QC Manager. Please complete one of these forms for each county that a Team Leader or QC Manager has changed. Any new Inspector or QC manager will have to send in copies of his/her appropriate Bridge Inspection Training certificates along with the appropriate Team Leader or QC Manager form. Otherwise, it will **not** be necessary to send copies of the NHI Bridge Inspection Training class certificates unless we specifically request them. Copies of the completed forms, certificates and appropriate qualification documentation should be retained in your county's Quality Control file.

Thank you for your prompt attention to this matter. If there are any questions, please call.

**PROGRAM, AGREEMENT AND PROJECT ORDER FOR INSPECTION OF
DESIGNATED BRIDGES IN MADISON COUNTY, MISSISSIPPI
FOR THE STATE FISCAL YEAR OF 2015**

Pursuant to the provisions of governing State and Federal Laws and Regulations, We, the Board of Supervisors of Madison County, Mississippi, hereinafter referred to as the Board, hereby order that the proposed project listed hereon constitute the Bridge Inspection Program for Madison County, subject to the approval of the State Aid Engineer and Concurrence by the Executive Director of the Mississippi Department of Transportation.

In support of this order, the Board certifies and agrees that:

1. All designated bridges affected by this project are on roads under local jurisdiction (County or City) and are to be inspected, inventoried and evaluated in accordance with the National Bridge Inspection Standards (23 CFR 650 C) hereinafter referred to as the NBIS.
2. Bridges requiring posting or closure based on this inspection and evaluation will be promptly posted or closed by the County or City (if applicable) in accordance with established standards and procedures.
3. Bridges with Unknown Foundations that have been identified as High or Moderate Risk or those with a Scour rating (Item 113) of three (3) or less, and are not scheduled for this inspection cycle will have a Scour Monitoring Inspection updating the Scour / Waterway Appraisal form and the stream profile in the bridge system.
4. The Board has employed a Registered Professional Engineer as County Engineer, who will provide such other qualified technical personnel to properly supervise and perform the required work in compliance with the rules and regulations of the NBIS and any additional instructions/guidance provided by the State Aid Engineer.
5. The County Engineer will provide at least one team leader, who meets the minimum qualifications stated in § 650.309 of the NBIS, at the bridge at all times during the inspection as in accordance with required § 650.313 of the NBIS.
6. The supervision of all phases of the inspection, inventory and evaluation will be the responsibility of the Board, acting through its County Engineer.
7. A bridge scour plan of action will be prepared, or revised for the scour critical bridges and all bridges identified as scour critical and will be monitored in accordance with the

plan and regulations set forth in Section 650.313 of the NBIS and the Bridge Inspection Manual prepared by the Office of State Aid Road Construction. The Board designates LAWRENCE MORRIS as its representative to make scour stability assessment(s) in response to conditions that require an inspection as set forth in the scour plan of action for each scour critical structure. The representative's address and phone number is 3014 MADISON ST. FLORA, MS 39071
601-942-0815. If the assessment results in closure of the bridge, the representative shall take action to close the bridge in accordance with the bridge scour plan of action. If a bridge has been closed or the Board chooses to cause an inspection to be made, a certified bridge inspection team will be required to perform the inspection. The representative will contact the County Engineer to request such an inspection. The cost of the inspection of a scour critical bridge following a bridge closure shall be the responsibility of the Board.

8. The County Engineer will maintain a bridge file on behalf of the County for each bridge in accordance with the regulations set forth in § 650.313 (d) of the NBIS. Bridge files shall remain the property of the Board.
9. The County Engineer will provide a Quality Control Manager (QC Manager) as set forth in the National Bridge Inspection Local System Manual, Section 16 Quality Control Program. The QC Manager shall meet or exceed the requirements of subsection 4.4 of the National Bridge Inspection Local System Manual.
10. The number of bridges selected for evaluation and a follow-up on site inspection by the QC manager will be 5% of the county inventory or a minimum of 5 bridges.
11. All required data shall be entered into the State Aid/ Inspecttech web-based Bridge Inspection System.
12. All components of the bridge file will be made available to authorized representatives of State Aid and/or FHWA for inspection and review at all reasonable times in the General Offices of the County Engineer.
13. After final completion of the work and acceptance by the State Aid Engineer, the Board will be paid on the basis of the final quantities at the agreed unit prices specified below.
14. The inspection shall be completed on or before February 1, 2015.

Project Number: BR-NBIS(081)B, BRIS-45(81)

Road Designation: All Locally - Maintained Roads "ON" and "OFF" Federal-Aid Highways

Character of Work: Inspection, Inventory, and Evaluation of Designated Bridges

Estimated Project Cost:

Bridge Inspections			
A.	<u>98</u>	Bridges @ \$350.00 per bridge	\$ <u>34,300.00</u>
QC Inspections			
B.	<u>5</u>	Bridges @ \$350.00 per bridge	\$ <u>1,750.00</u>
Scour Monitoring Inspections			
C.	<u>11</u>	Bridges @ \$120.00 per bridge	\$ <u>1,320.00</u>
D.	Subtotal all Inspections		\$ <u>37,370.00</u>
E.	Contingencies @ Approximately (2%)		\$ <u>750.00</u>
F.	Total Estimated Cost:		\$ <u>38,120.00</u>
G.	Federal Bridge Replacement Funds Requested (80%)		\$ <u>30,496.00</u>
H.	Federal Off-System Bridge Credit Requested (20%)		\$ <u>7,624.00</u>

12. Based upon the estimated quantities of work and agreed unit cost and in support of the herein listed program, we, the Board for Madison County desire to, and hereby adopt the following Order for Project Funds for Madison County Project Number: BRIS-45(81) .

IT IS, THEREFORE, NOW ORDERED by this Board that the total Project Fund for BRIS-45(81) in the amount of \$ 38,120.00, be established by transferring \$ 7,624.00, from Madison County's Federal Off System Bridge Program Credit Fund to the Project Fund, to match \$ 30,496.00 of Bridge Replacement Funds now available for this project.

IN WITNESS WHEREFORE, The parties have hereunto affixed their signatures, the Board on the _____ day of _____, _____ and the State Aid Engineer on the _____ day of _____, _____.

BOARD OF SUPERVISORS
MADISON COUNTY

President

Member

Member

Member

Member

County Engineer

State Aid Engineer

Executive Director, MDOT

STATE OF MISSISSIPPI
COUNTY OF MADISON

This is to certify that the foregoing is a true and correct copy of an order passed by the Board of Supervisors of Madison County, Mississippi, entered into the minutes of the said Board of Supervisors', Minute Book No. _____, Page No. _____, same having been adopted at a meeting of said Board of Supervisors on the _____, day of _____, _____.

(SEAL)

Chancery Clerk
Madison County, Mississippi