

**OFFICE OF
STATE AID ROAD CONSTRUCTION**

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
P.O. BOX 1850
JACKSON, MISSISSIPPI 39215-1850

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November 17, 2015

Board of Supervisors
Madison County
c/o Chancery Clerk
Post Office Box 404
Canton, MS 39046

RE: Annual Maintenance Inspection of
Completed State Aid Projects
Madison County

Gentlemen:

The annual maintenance inspection of completed State Aid projects in Madison County was conducted on October 20, and October 28, 2015. Mr. Jimmy Vickers (Warnock and Associates) and Mr. Andrew Grant (Madison County Road Department) accompanied me on this inspection. Please note the comments in the attached report and correct these deficiencies as soon as possible. I recommend you also carefully review your most recent bridge inspection report for specific deficiencies therein listed.

Your continued efforts to adequately maintain the state aid system in Madison County are appreciated. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

H. Carey Webb, P.E.
State Aid Engineer



By:

Dan B. Tolar, P.E.
District Engineer

DBT

Attachment

pc: Mr. John Bell Crosby, Supervisor, District 1
Mr. John Howland, Supervisor, District 2
Mr. Gerald Steen, Supervisor, District 3
Mr. Karl Banks, Supervisor, District 4
Mr. Paul Griffin, Supervisor, District 5
Mr. Lawrence Morris, Road Manager
Mr. Rudy Warnock, County Engineer
File

**MAINTENANCE INSPECTION REPORT
OFFICE OF STATE AID ROAD CONSTRUCTION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

MADISON COUNTY **DATE OF THE INSPECTION:** October 20 & October 28, 2015

Dan Tolar, DISTRICT ENGINEER

NAMES OF PERSONS ATTENDING INSPECTION:

**Mr. Jimmy Vickers, Warnock & Associates
Mr. Andrew Grant, Madison County Road Department**

Give a general narrative description of the maintenance of the surface, shoulders, slopes, ditches, drainage structures, rights-of-way, and bridges on all the State Aid projects in the County.

Surface maintenance is needed on several roads. Robinson Road/Pat Lockett, Mt. Pilgrim Road, Moore Avenue, Hoy Road, Cox Ferry Road, Old Canton Road, Rice Road, Schrock Road, Rocky Hill Road, Robinson Springs Road, Virilia Road, Patrick Road and Pocahontas Road all need maintenance work. Additionally, many roads were noted to need re-striping.

Shoulders were generally okay though routine grooming will eliminate the spots that are too high or too low. Also, brick mailboxes need to be removed from the "clear zone".

Finally, you should study carefully your detailed Annual Bridge Inspection reports and make every effort to correct noted deficiencies.

Items that need repair immediately.

- As noted previously, the condition of Virilia Road is such as to be hazardous. Until sufficient funds are available for reconstructing the road, we recommend the county consider using a reclaiming machine to grind up the road, re-shape, re-grade then mat and seal the surface. Also recommend for safety that the road be speed posted.

- Remove roadside hazards - brick mail boxes in clear zone

B. Maintenance items which need to be corrected as soon as practicable:

Hart Road

LSBP-45(7)

New bridge in good condition. Shoulders too low with washes in spots.
Cut vegetation.

Kearny Road

LSBP-45(1) Site "B"

Bridge appears in good condition.
Monitor erosion of ditches on east side.
Cut brush and around bridge.

Endris Road

LSBP 45(4) Site "B"

Pre-cast bridge in good condition.
Clean bridge deck.
Replace damaged hazard markers.
Continue to cut vegetation under/around bridge and clean debris.

Rankin and Sharon Road

BR-0045(8)B

Two pre-cast concrete bridges on timber piles appear in good condition.
Replace missing weight posting sign.
Cut vegetation.
Level bridge end on east bridge.

Pine Grove Road

LSBP 45(4) Site "A"

Repair damaged bridge rail on north side.

Barnes Road

BR-0045(19)BO

Box bridge in good condition. Some washing behind NW wing.
Cut saplings.

Ratliff Ferry Road

SAP-45(3), (1)M, (8), (13)S, (3)M

Surface, shoulders and right of way in good condition.
Seal cracks.
Level over x-drain on north end.
Stripe is faded.
Straighten signs.
Make spot repairs in curve at Shoccoe.

Sharon Road

SAP-45(24), BR-0045(23)B

Both bridges (BN 90 and BN 91) north of Robinson Road appear in good condition, though on timber piles.
Box in good condition. (BN 77) – Clean downstream channel.

Robinson Road & Pat Luckett Road

SAP-45(25), (32), (31), (13)S, S-0517(2)B,

Surface in fair condition, rutted.
Recommend overlay.
Right-of-way in good condition on Robinson Road.
Clip high shoulders.
Needs spot repair/leveling. Needs re-striping.

Surface in fair condition, rutted on Pat Lockett. Aggregate stripped.
Repair edge failures.
Recommend overlay.
Needs re-striping. Cut grass. Move brick mail boxes from clear zone.

Pat Lockett Road and Old Hwy 17 Road

SAP-45(2), (13)S, (1)M

Surface and shoulders in fair condition, rutted. Needs spot repair/leveling.
Move brick mail boxes from clear zone.
Needs re-striping.
Straighten signs.

Old Hwy. 16 Road

RS-0517(1)B SAP-45(55)

Surface and right of way in good condition.
Clean vegetation around guard rails.
Clip high shoulders.
Recommend sealing longitudinal cracks.

Dry Creek Road

LSBP-45(4)C LSBP-45(8)

Bridges appear in good condition.

Potluck Road

BR-0045(6)B

Repair damaged end of guardrail.
Bridge appears in good condition.
Grade under guardrail to drain.

Sulphur Springs Road - Hwy 43 to Hwy 17

STP-1536(2)B, SAP-45(10)S, TQS-1536(1)B

Surface and right of way in good condition. Stripe has faded.
Cut grass.
Clip high shoulders.
Level at bridge ends.
Straighten signs.

Sulphur Springs Road

LSBP-45(2) "B"

Repair hole at SE corner of bridge.
Repair damaged rail.

Matlock Road

BR-0045(19)BO

Clean out box - willows/debris.

Forest Grove Road

SAP-40(10)

Surface and right of way okay. Needs spot repair.
Needs re-striping.
Clip high shoulders.

Cauthen Road and Camden Road/Honeysucker Road

SAP-45(35)

Bridges appear in good condition.
Clean bridge deck.
Monitor timber piles.

Beaver Dam Road

LSBP 45(3) "C"

Bridge appears in good condition.
Cut vegetation.

Camden Road

BR 0045(20)BO

Bridge appears in good condition.
Cut vegetation.

Loring Road - Hwy 51 to Hwy 17

SAP-45(30), SAP-45(3)S, S-0557(1)B, (33)

Surface in good condition.
Repair guardrail
Repair damaged guardrail east of Rocky Hill Road.
Cut overhanging limbs.

Old Hwy 51/ Oaks Road

LSBP-45(2) "A"

Bridge appears in good condition.

Simpson Road

LSBP-45(3) "A"

Pre-cast concrete bridge in good condition.
Cut vegetation.

Schrock Road (Camden - Attala County Road)

SAP-45(17), (13)S, (1)M

Surface in fair to poor condition. Recommend level and reseal or overlay.
Bridge appears in good condition.
Shoulder and right of way are okay. Clip high spots on shoulders.

Rocky Hill Road

SAP-45(14), SAP-45(9)

Surface east of Highway 17 in fair to poor condition. Recommend level and reseal or overlay.
Needs re-striping.
Clip high shoulders.
Right of way is okay.

West of Highway 17 in fair condition. Recommend level and seal.
Needs re-striping.
Move brick mailboxes from clear zone.
Cut back overhanging limbs.

Rocky Hill Road - Near Leake County Line.
ER-0584(3)B BN-147

See recommended maintenance from comprehensive bridge inspection report.

Cooper Road
LSBP-45(1) "C"

Two bridges - both appear in good condition.
Level at bridge end.

Mt. Pilgram Road
SAP-45(37), (22), (46) BN 115 BN 116

Surface in fair condition on north end (hot mix asphalt). Needs spot repair & leveling/re-striping.
Clip high shoulders. Recommend resealing.

Reseal portion still in good condition - repair edges/spot level - clip high shoulders.
Needs re-striping.
Bridges appear in good condition. Monitor timber piles.
Shoulder and right of way are okay.

Sharon - Loring Road (Stump Bridge Road)
BR-0045(9)B

Bridge on steel piling appears in good condition.
Extend pile casings.

Dry Creek Road
LSBP-45(4) Site "C"

Precast concrete bridge appears in good condition.

Stump Bridge Road
SAP-45(24), (13)S, (1)M, S-0591(1)B, (2)B, (32)

Surface in good condition on north end (HMA).
Level at bridge ends. Clip high shoulders.
Straighten signs.
Resealed section from Highway 51 to Davis Crossing in good condition - needs re-striping.

Davis Crossing Road
S-1542(1)B

Surface okay.
Needs re-striping.
Move brick mail boxes from clear zone.
Clip high shoulders.

Pisgah Bottom Road
LSBP-45(2) "C"

Bridge appears in good condition.
Remove debris.

Old Yazoo City Road

SAP-(13)S, (1)M, S-0560(1)B, (2)B, BR-0045(21)B

Surface in fair to good condition. Needs re-striping.
Needs spot leveling/repair.
Clip high shoulders/build up low shoulders.
Bridges in good condition. Level at bridge ends.
Level over x-drain.

Virilia Road @ Old Yazoo City Road

SAP-45(56)

Surface in good condition
Repair washes. Pick up limbs/debris.

Patrick Road

SAP-45(13), (15), (1)M

Surface in fair to poor condition.
Needs surface maintenance.
Straighten signs.
Very rough riding.
Clip high shoulders.
Move brick mail boxes in clear zone.

Heindl Road

SAP-45(29)

Surface in fair condition. Spot repair and leveling needed.
Shoulders too narrow in places.
X-drains too short. Hazard marker missing at x-drain.
Bridges appear in good condition. Monitor timber piling.

Old Canton Road - North from Yandell to Hwy 51

SAP-45(36), SAP-45(4)

Surface, shoulders and right of way in good condition.

Old Canton Road - Yandell to Green Oak Drive

RS-0592(3)B, STP-0592(6)B, S-0592(2)B

Surface in fair to poor condition.
Needs base repairs and leveling. Likely re-construction.
Needs re-striping.

Green Oak Lane

SAP-45(41), SAP-45(46), SAP-45(4)M

Surface, shoulders and right of way in good condition.
Seal cracks/ level dips.

North Old Canton Road - Green Oak Road to Hoy Road

SAP-45(1), SAP-45(46), SAP-45(2)M

Surface in fair condition. Cracked, with pavement distortions.
Recommend overlay.
Needs re-striping.
Stream severely degraded at box bridge - which is likely too small.

Hoy Road - Old Canton Road to Rice Road

SAP-45(1), SAP-45(46), (36)

Surface in fair good condition. (Distorted and cracking.)
Recommend overlay.
Build up low shoulders.
Needs re-striping.
Move brick mail boxes from clear zone.

Rice Road - Hoy Road to St. Augustine Road
SAP-45(18), SAP-45(10)S, SAP-45(51)
Surface in fair condition. Needs leveling.
Recommend re-surfacing.
Monitor slide near north-east end.

St. Augustine Road - Rice to Old Canton Road
SAP-45(18), SAP-45(10)S
Surface in fair to good condition (cracked).

Magnolia Street
LSBP-45(1) BN 7
Bridge appears in good condition.

Old Canton Road - Natchez Trace to County Line Road
S-0516(1)B, SAP-45(10) BR-6927(3)B
Surface, shoulders and right of way in good condition.
Bridge in good condition. Level at ends.

Pear Orchard Road - Lake Harbor Road to Rice Road
SAP-45(19)
Recently overlaid.

Rice Road - Pear Orchard to Old Canton Road
SAP-45(47)
Recently overlaid.

Weisenburger Road
SAP-45(38), (39), BR-0045(10)B
West end has been reconstructed.
Recently overlaid on east end.
Bridge appears in good condition.
Build up low shoulders.
Needs re-striping.

North Livingston - Lake Cavalier Road (Lake Lorman Road)
SAP-45(12), (46), S-0417(1)B, STP-0417(2)B
Recently overlaid.

Society Ridge Road
BR-0045(22)BO
Box bridge in good condition. One cell completely silted in.

Robinson Springs Road
SAP-45(26), (27), (28), (32), (42), (13)S, (1)M
Surface in poor condition.
Recommend overlay.
Needs re-striping.
Build up low shoulders. Clip high shoulders.
Move brick mail boxes from clear zone.

North Livingston Road
SAP-45(52)

Surface is in good condition.
Build up low shoulders.
Right of way is okay.

Bozeman Road & Catlett Road
SAP-45(34), (44), (13)S, (1)M, (48), BR-0045(20)B

Surface in fair to good condition. Spot leveling required on Catlett.
Build up low shoulders.
Level over x-drain.
Move brick mail boxes from clear zone.
Bridge on north end appears in good condition.

Stout Road
BR-0045(22)BO

Box bridge in good condition.
Remove debris/clean out silt/cut willows.

McMillon Road-(LSBP-45(3)"B")

Pre-cast bridge appears in good condition.
Remove debris.

Moore Avenue Road (East of Virilia Road) (Livingston - Vernon Road)
SAP-45(10), (21), (32), (1)M, RS-0514(8)B BN 59 BN 60

Surface in fair condition - needs spot leveling/paving/re-striping.
Clip high shoulders/build up low shoulders.
Repair bridge rail.

Moore Avenue Road (West of Virilia Road) (Livingston - Vernon Road)
SAP-45(10), (21), (1)M

Build up low shoulders. Clip high shoulders.
Surface in poor condition. Recommend overlay.
Needs spot repair & re-striping.

Kearney Park Road
SAP-45(31), (1)M

Surface in good condition. Needs minor leveling.
Needs re-striping.

Middle Road
SAP-45(31)

Surface in fair condition. Needs minor leveling.
Needs re-striping.

Cox Ferry Road
S-542(2)I; S-0542(2)B, (4)B; SAP-45(6), (7), (23), (1)M, (5)M

From Hwy 49 to Joe Hall Road. In good condition. Seal cracks.
South/east from Joe Hall road surface in fair to poor condition. Recommend overlay.
Clip high shoulders.
Move brick mail boxes in clear zone.

Petrified Forest Road
LSBP-45(13)

Bridge in good condition.
Cut vegetation.

Spring Creek Road
SAP-45(6), (23)

Surface, shoulders and right of way in good condition.
Minor leveling needed and spot repairs.
Needs re-striping.

Pocahontas Road

SAP-45(11), (32), (13)S, (1)M

Surface in fair condition though rutted and out of section in places.
Needs re-striping.
Recommend surface maintenance.
Right of way is okay.

Virilia Road-(West End)

RS-0514(5)B, SAP-45(1)M

Surface and shoulders in good condition.
Needs re-striping.

Virilia Road (Persimmon Creek Bridge)

ER-0514(4)B BN 46

Bridge appears in good condition.

Cloud Road-Box Bridge

BR-0045(20)BO

Box bridge in silted in.
Remove debris on upstream apron.

Virilia Road - Hwy 22-North

S-514(2)1, SAP-45(40)

Surface in poor condition east of Cloud Road. Unsafe! Recommend re-construction.
Recommend speed posting until then.
Repair damaged bridge rail.
Replace missing signs.
Build up low shoulders.
Cut back right of way.



Dan B. Tolar, P.E. District Engineer
Office of State Aid Road Construction

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