

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

MADISON COUNTY

DATE OF THE INSPECTION: October 10 & October 15, 2013

Dan Tolar, DISTRICT ENGINEER

NAMES OF PERSONS ATTENDING INSPECTION:

Mr. Chad Plumb, P.E., Warnock & Associates

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. Hoy Road, Cox Ferry Road, Old Canton Road, Rice Road, Schrock Road, Weisenberger Road, North Livingston 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. Right of way maintenance is **not satisfactory** with many of the bridge sites overgrown with brush and saplings that need to be removed. 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.

- Clear vegetation under/around bridges and guardrails
- Repair pot holes on Patrick Road
- 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.

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.
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.
Remove vegetation behind guardrail and covering hazard markers.
Level bridge end on east bridge.

Pine Grove Road
LSBP 45(4) Site "A"

Repair damaged bridge rail on north side.
Cut grass, brush/saplings obscuring hazard markers.

Barnes Road
BR-0045(19)BO

Box bridge in good condition. Some washing behind NW wing.
Clean out channel & cut saplings - badly silted in.

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

Surface, shoulders and right of way in good condition.
Cut grass.
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. Straighten hazard markers.
Cut saplings.
Box in good condition. (BN 77) - Silted in.

Robinson Road & Pat Lockett Road
SAP-45(25), (32), (31), (13)S, S-0517(2)B,

Surface in fair condition, shoulders and right-of-way in good condition on Robinson Road.
Needs spot repair/leveling. Needs re-striping.
Cut vegetation under/around bridge.

Surface in fair condition on Pat Lockett. Aggregate stripped.
Repair edge failures.
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. Needs spot repair/leveling.
Move brick mail boxes from clear zone.
Needs re-striping.
Straighten signs.
Cut grass.

Old Hwy. 16 Road

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

Surface, shoulders and right of way in good condition.
Cut saplings and grass around bridge guardrail.

Dry Creek Road

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

Cut vegetation around east bridge.
West bridge in good condition.

Potluck Road

BR-0045(6)B

Repair damaged end of guardrail.
Bridge appears in good condition.
Grade under guardrail to drain.
Clean vegetation under/around bridge.

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. Cut vegetation under/around bridge.

Sulphur Springs Road - At Leake County Line

LSBP-45(2) "B"

Cut vegetation around bridge/guardrail.
Repair hole at SE corner of bridge.
Clean up debris.
Cut brush/saplings.
Remove fallen tree on south side and 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.
Cut vegetation obscuring object markers.
Clean bridge deck.
Cut brush under/around bridge.
Monitor timber piles.

Beaver Dam Road

LSBP 45(3) "C"

Bridge appears in good condition.
Cut vegetation
Remove beaver dam.

Camden Road

BR 0045(20)BO

Bridge appears in good condition.
Cut vegetation under and around bridge.

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
Straighten signs.
Needs re-striping.
Clip high shoulders.
Cut overhanging limbs.

Old Hwy 51/ Oaks Road

LSBP-45(2) "A"

Bridge appears in good condition.
Cut vegetation around bridge.

Simpson Road

LSBP-45(3) "A"

Pre-cast concrete bridge in good condition.
Clean vegetation off rails.

Schrock Road (Camden - Attala County Road)

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

Surface in fair condition. Recommend level and reseal or overlay.
Bridge appears in good condition.
Cut vegetation around bridge.
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 condition - lots of small potholes. Recommend level and reseal or overlay.
Needs re-striping.
Right of way is okay.

West of Highway 17 in good condition. Needs spot repair/leveling.
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.
Remove beaver dam.
Cut saplings under bridge and vegetation obscuring object markers.

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.
Recommend resealing.

Reseal portion still in good condition - repair edges/spot level - clip high shoulders.
Repair sections approximately 1 mile from Stump Bridge torn up by log trucks.
Needs re-striping.
Straighten signs.
Repair washing in foreslopes and side ditches and backslopes.
Bridges appear in good condition. Monitor timber piles.
Cut vegetation around bridges.
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.
Cut trees/brush under and around bridge and guardrail.
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.
Straighten signs.
Repair edge raveling.
Resealed section from Highway 51 to Davis Crossing in good condition - needs re-striping.

Davis Crossing Road
S-1542(1)B

Surface, shoulders 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.
Cut trees/brush under and around bridge.
Remove beaver dam.
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.
Cut vegetation at bridges.
Clip high shoulders/build up low shoulders.
Bridges in good condition. Level at bridge ends.
Cut brush under/around bridges.
Level over x-drain.

Virilia Road @ Old Yazoo City Road

SAP-45(56)

Project in good condition.

Patrick Road

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

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

Heindl Road

SAP-45(29)

Surface in good condition. Only spot repair needed.
Bridges appear in good condition. Monitor timber piling.
Stripe faded.
Straighten signs.

Old Canton Road - North from Yandell to Hwy 51

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

Surface, shoulders and right of way in good condition.
See comprehensive bridge inspection for maintenance recommendations.

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.

North Old Canton Road - Green Oak Road to Hoy Road

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

Surface in fair condition. Pavement distortions.
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.
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).
Needs re-striping.

Magnolia Street(in Madison)
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.

Pear Orchard Road - Lake Harbor Road to Rice Road
SAP-45(19)
Surface in fair condition. (cracked/distorted).
Plans developed for maintenance overlay from Northpark Drive to Rice Road.

Rice Road - Pear Orchard to Old Canton Road
SAP-45(47)
Surface is in fair condition - cracking (leveling needed in a few locations.)
Plans developed for overlay/re-construction.

Weisenburger Road
SAP-45(38), (39), BR-0045(10)B
West end has been reconstructed.
Remainder of road in fair to poor condition - recommend overlay.
Bridge appears in good condition. Cut grass under guardrails.
Clip high shoulders and build up low shoulders.
Straighten signs.
Needs re-striping.

North Livingston - Lake Cavalier Road (Lake Lorman Road)
SAP-45(12), (46), S-0417(1)B, STP-0417(2)B
Surface in fair to poor condition, with lots of rutting, distortion/base failures.
Plans developed for overlay on south end.
Move brick mail boxes from clear zone.
Build up low shoulders/clip high shoulders.

Society Ridge Road
BR-0045(22)BO
Box bridge in good condition. One cell completely silted in.
Cut vegetation out of ends of box.

Robinson Springs Road

SAP-45(26), (27), (28), (32), (42), (13)S, (1)M

Surface in fair to 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.
Move brick mailbox from clear zone.
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.
Needs re-striping.
Build up low shoulders.
Level over x-drain.
Cut vegetation around bridge guardrail.
Move brick mail boxes from clear zone.
Bridge on north end appears in good condition. Remove beaver dam.

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.
Cut vegetation under and around bridge.
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 fair to poor condition. Recommend surface maintenance.
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 good condition. Needs minor leveling.
Cut vegetation around bridge.
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

Newly overlaid from Hwy 49 to Joe Hall Road. In good condition.

Straighten signs.

South/east from Joe Hall road surface in fair to poor condition. Recommend overlay.

Clip high shoulders.

Straighten signs.

Clean vegetation off bridge rail.

Move brick mail boxes in clear zone.

Petrified Forest Road

LSBP-45(13)

New bridge in good condition.

Cut brush.

Spring Creek Road

SAP-45(6), (23)

Surface, shoulders and right of way in good condition.

Minor leveling needed.

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.

Clip high shoulders.

Virilia Road-(West End)

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

Surface and shoulders in good condition.

Clear vegetation at bridge.

Needs re-striping.

Virilia Road (Persimmon Creek Bridge)

ER-0514(4)B BN 46

Bridge appears in good condition.

Level at bridge ends.

Cut brush around guardrails.

Cloud Road-Box Bridge

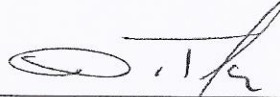
BR-0045(20)BO

Box bridge in badly 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

DBT

pc:

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