



**OFFICE OF
STATE AID ROAD CONSTRUCTION**

P. O. BOX 1850
JACKSON, MISSISSIPPI 39215-1850

Harry Lee James, P.E.
State Aid Engineer
Telephone (601) 359-7150
www.msstateaidroads.us

412 E. Woodrow Wilson Avenue
Jackson, Mississippi 39216
Fax (601) 359-7141
mail@osarc.ms.gov

October 22, 2018

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

Supervisors:

The annual maintenance inspection of completed State Aid projects in Madison County was conducted on October 17 & 18, 2018. Mr. Brad Engels accompanied me on this inspection. Please note the comments in the attached report and correct those 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,

Harry Lee James, P.E.
State Aid Engineer

By: Edward D. Holland, P.E.
District Engineer

EDH

Attachment

pc: Ms. Sheila Jones
Mr. Trey Baxter
Mr. Gerald Steen
Mr. David Bishop
Mr. Paul Griffin
Mr. Dan Gaillet, Madison County Engineer
Mr. John McKee, State Aid County Engineer
File

Annual Maintenance Inspection - 2018

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

MADISON COUNTY
2018

October 17-18,

Edward D. Holland, P.E.
Brad Engels, P.E.

State Aid District Engineer

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 some roads. However, some of the roads noted on the report from last year have had surface maintenance completed or are under contract for construction. There are many roads that need to be re-striped.

Shoulders were generally okay though routine grooming will eliminate the spots that are too high or too low. Overall, the ROW appeared to be relatively well maintained (i.e. mowing, vegetation removal, etc.). 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. Additionally, all bridges with timber piles, wings and headwalls should be closely monitored for structural integrity and maintenance performed as needs are identified.

A. Items which need to be corrected immediately:

Cross drain on recently overlaid portion of Virilia Road has significant washing at the shoulder on the eastbound lane and is impacting the pavement edge. This needs to be addressed before there is a failure of the road.

Lack of recommended maintenance of Patrick Road remains critical.

Remove roadside hazards - brick mail boxes, etc. within clear zone.

Restripe where existing striping is obscured or faded.

Repair or replace damaged guardrail.

Replace missing or damaged warning/regulatory signs and address obscured signs.

Clear debris at any bridge locations with significant buildup.

Annual Maintenance Inspection - 2018

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

Dinkins Street LSBP-45(16)
Satisfactory maintenance.

Hart Road LSBP-45(7)
Bridge in good condition.
Cut saplings from under bridge.

Kearny Road_LSBP-45(1) Site "B"
Bridge appears in good condition.
Replace section of ramp pipe on NE end of bridge.
Clear debris from ditch on north side.

Moss Road LSBP-45(10)
Remove berm in ditch.
Remove silt from box.

Sharon Road SAP-45(24), BR-0045(23)B
BN90 closed.
Both bridges (BN 90 and BN 91) north of Robinson Road programmed for repair and pile replacement.
Box in good condition. (BN 77)

Rankin and Sharon Road BR-0045(8)B
Two pre-cast concrete bridges on timber piles appear in good condition.
Repair damaged guardrail on west bridge.
Repair damaged guardrail on east bridge.

Endris Road LSBP 45(4) Site "B"
Pre-cast bridge in good condition.

Pine Grove Road LSBP 45(4) Site "A"
Satisfactory.
Monitor settlement at bridge end.

Barnes Road_BR-0045(19)BO
Box bridge in good condition.
Remove silt and vegetation.

Ratliff Ferry Road SAP-45(3), (1)M, (8), (13)S, (3)M
Surface and right of way in good condition.
Clip high shoulders.

Robinson Road & Pat Luckett Road SAP-45(25), (32), (31), (13)S, S-0517(2)B,
Surface in fair condition, rutted both roads.
Aggregate stripped on Pat Luckett.
Recommend overlay on both roads.
Right-of-way in good condition on Robinson Road.
Clip high shoulders on both roads
Needs spot repair/leveling on both roads. Some spot repairs have been done on Robinson Road.
Repair edge failures on Pat Luckett.
Move brick mail boxes from clear zone.

Annual Maintenance Inspection - 2018

Pat Lockett Road and Old Hwy 17 Road SAP-45(2), (13)S, (1)M

Surface in poor condition, rutted.
Clip high shoulders.
Old Hwy 17 needs spot repair/leveling.
Recommend overlay.
Move brick mail boxes from clear zone.
Old Hwy 17 needs re-striping.
Straighten signs.

Old Hwy. 16 Road RS-0517(1)B, SAP-45(55)

Surface and right of way in fair condition.
Clean vegetation around guard rails.
Clip high shoulders.
Some crack sealing has been done. Recommend scrub seal.

Dry Creek Road LSBP-45(4)C, LSBP-45(8)

Bridges appear in good condition.
Monitor washes behind wingwall on (4)C.
Straighten hazard marker.

Potluck Road BR-0045(6)B

Bridge appears in good condition.

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 fair condition.
Some cracking.
Recommend reseal.
Clip high shoulders.

Permenter Road LSBP-45(14)

Box Culvert looks good.

Sulphur Springs Road LSBP-45(2) "B"

Repair hole at SE and SW corners of bridge.
Repair damaged rail.
Cut vegetation.

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.
Clip high shoulders.

Cauthen Road and Camden Road/Honeysucker Road SAP-45(35)

Bridges appear in good condition.
Clean bridge deck.
Cut vegetation.
Monitor timber piles.
Straighten object markers on west bridge.
Repair holes at bridge end on west bridge.

Beaver Dam Road LSBP 45(3) "C"

Bridge appears in good condition.
Replace damaged object markers.

Annual Maintenance Inspection - 2018

Camden Road BR 0045(20)BO

Bridge appears in good condition.
Cut vegetation.
Repair wash under guardrail.
Straighten timber blocks on guard rail.

Loring Road - Hwy 51 to Hwy 17 SAP-45(30), (33), (3)S, S-0557(1)B

Surface in good condition.
Needs re-striping.
Cut overhanging limbs.

Old Hwy 51/ Oaks Road LSBP-45(2) "A"

Bridge appears in good condition.
Repair holes at south end.

Rocky Hill Road SAP-45(14), (9)

Surface east of Highway 17 in poor condition.
Recommend level and reseal or overlay.
Cut back overhanging limbs.
Clip high shoulders.
Right of way is okay.

West of Highway 17 in fair condition.
Clip high shoulders.
Recommend level and seal.
Move brick mailboxes from clear zone.
Cut back overhanging limbs.

Simpson Road LSBP-45(3) "A"

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

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

See recommended maintenance from comprehensive bridge inspection report.
Repair guardrail on east bridge.
Replace hazard marker on east bridge.
Monitor piles on east bridge.
Monitor wings on west bridge.

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/striping.
Bridge appears in good condition.
Shoulder and right of way are okay.
Clip high spots on shoulders

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), (35) BN 115 BN 116

Surface in fair condition on north end (hot mix asphalt).
Needs spot repair & leveling.
Clip high shoulders.
Recommend resealing.
Reseal portion still in good condition.

Annual Maintenance Inspection - 2018

Repair edges/spot level.
Clip high shoulders.
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.
Repair guardrail.
Monitor washing behind wingwall.

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

BN114 just south of Mt. Pilgram Road closed.
Surface in good condition on north end (HMA).
Clip high shoulders.
Straighten signs.
Resealed section from Highway 51 to Davis Crossing in good condition.
Needs some edge repair.

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

Bridge appears in good condition.

Davis Crossing Road S-1542(1)B

Surface okay.
Move brick mail boxes from clear zone.
Clip high shoulders.
Needs spot repair.

Dobson Avenue LSBP-45(9)

Box in good condition.

Virilia Road - Hwy 22-North S-514(2)1, SAP-45(40), (13)M

Recently overlaid.
Repair damaged bridge rail.
Cross drain on recently overlaid portion of Virilia Road has significant washing at the shoulder on the eastbound lane and is impacting the pavement edge. This needs to be addressed before there is a failure of the road.

Old Yazoo City Road SAP-(13)S, (1)M, S-0560(1)B, (2)B, BR-0045(21)B

BN70 just north of Virilia Road is closed.
Surface in fair to good condition.
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.

Heindl Road SAP-45(29)

Surface in fair condition.
Spot repair and leveling needed.
Shoulders too narrow in places.

Annual Maintenance Inspection - 2018

Mow grass.
X-drains too short.
Hazard marker missing at x-drain.
Bridges appear in good condition.
Monitor timber piling.

Patrick Road SAP-45(13), (15), (1)M
Surface in poor condition.
Needs edge repair.
Strongly recommend surface maintenance.
Straighten signs.
Very rough riding.
Clip high shoulders.
Move brick mail boxes in clear zone.
Needs re-striping.

Cloud Road-Box Bridge BR-0045(20)BO
Box bridge is silted in.
Remove debris on upstream apron.

Virilia Road (Persimmon Creek Bridge) ER-0514(4)B BN 46
Bridge appears in good condition.
Repair guardrail.
Repair pavement.
Monitor settlement at bridge end.

Virilia Road (West End) RS-0514(5)B, SAP-45(1)M
Surface and shoulders in good condition.
Needs spot leveling.
Needs re-striping.

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 to poor condition.
Needs spot leveling/paving/re-striping.
Repair shoulder at x-drain.
Clip high shoulders/build up low shoulders.
Repair bridge rail.
Recommend surface maintenance.

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.
Repairs at north end of box bridge under contract by the county.
Needs spot repair,
Needs re-striping.

Kearney Park Road SAP-45(31), (1)M
Surface in good condition.
Needs minor leveling.

Middle Road SAP-45(31)
Surface in fair condition.
Needs minor leveling.

Annual Maintenance Inspection - 2018

Needs re-striping.
Move brick mailboxes.

Cane Creek Road LSBP-45(12)
Satisfactory maintenance.

Cox Ferry Road S-542(2)1, 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 longitudinal cracks.
Needs minor leveling.
Needs edge repair.
Needs re-striping.
South/east from Joe Hall road surface in poor condition.
Recommend overlay.
Clip high shoulders.
Move brick mail boxes in clear zone.
Monitor wash and settlement at bridge end.

Spring Creek Road SAP-45(6), (23)
Surface and right of way in good condition.
Minor leveling needed and spot repairs.
Clip high shoulders.

Petrified Forest Road LSBP-45(13)
Bridge in good condition.
Cut vegetation.

Pocahontas Road SAP-45(11), (32), (13)S, (1)M
Surface in fair condition though rutted and out of section in places.
Needs leveling.
Recommend surface maintenance.
Right of way is okay.

Robinson Springs Road SAP-45(26), (27), (28), (32), (42), (13)S, (1)M
Recently overlaid.
Build up low shoulders.
Clip high shoulders.
Move brick mail boxes from clear zone.

Gus Green Road LSBP-45(11)
Bridge in good condition.

North Livingston Road SAP-45(52)
Surface is in good condition.
Need to seal cracks.
Build up low shoulders.
Right of way is okay.

North Livingston - Lake Cavalier Road (Lake Lorman Road) SAP-45(12), (46), S-0417(1)B, STP-0417(2)B
South from Lake Castle surface in good condition.
Some minor cracking.

North segment needs thin overlay.
Needs restriping.

Annual Maintenance Inspection - 2018

Society Ridge Road BR-0045(22)BO

Box bridge in good condition.
One cell completely silted in.

Pear Orchard Road - Lake Harbor Road to Rice Road SAP-45(19), (11)M

Surface in good condition. Some cracking.
South of Northpark Drive needs re-striping.

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.
Under contract for mill and overlay.

Rice Road - Pear Orchard to Old Canton Road SAP-45(47), (11)M

Surface, shoulders and ROW in good condition.

Magnolia Street LSBP-45(1) BN 7

Bridge appears in good condition.
Straighten hazard markers.
Cut vegetation.
Washing at wing wall SW corner.

St. Augustine Road - Rice to Old Canton Road SAP-45(18), (10)S

Surface in fair to good condition (cracked).
Needs re-striping.

Rice Road - Hoy Road to St. Augustine Road SAP-45(18), (10)S, (51)

Surface in fair condition.
Needs leveling.
Recommend re-surfacing.
Monitor slide near north-east end.

Hoy Road - Old Canton Road to Rice Road SAP-45(1), (46), (36)

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

North Old Canton Road - Green Oak Road to Hoy Road SAP-45(1), (46), (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
Severe washing behind wing walls resulting loss of the road edge.

Green Oak Lane SAP-45(41), (46), (4)M

Surface, shoulders and right of way in good condition.
Seal cracks/ level dips/repair base failures.
Repair slides on east and west bound lanes.

North 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.

Annual Maintenance Inspection - 2018

Needs base repairs and leveling.
Likely needs re-construction.
Needs re-striping.
Recently overlaid from Yandell Rd to Dave Brown Rd.

North Old Canton Road - North from Yandell to Hwy 51 SAP-45(36), (4), (15)M
Surface, shoulders and right of way in good condition.
Needs only spot repair/leveling.
Replace weight posting sign on southbound approach of south bridge.

McMillon Road LSBP-45(3)"B"
Pre-cast bridge appears in good condition.
Remove turbidity curtain.

Stout Road BR-0045(22)BO
Box bridge in good condition.
Remove debris/clean out silt/cut willows.

Bozeman Road & Catlett Road SAP-45(34), (44), (13)S, (1)M, (48), BR-0045(20)B
Surface in fair condition.
Catlett Road recently overlaid.
Needs edge repair.
Needs re-striping.
Build up low shoulders.
Clip high shoulders.
Level over x-drain.
Move brick mail boxes from clear zone.
Bridge on north end appears in good condition.

Weisenburger Road SAP-45(38), (39), BR-0045(10)B
Surface in good condition.
Bridge appears in good condition.
Build up low shoulders.



Edward D. Holland, P.E. District Engineer
Office of State Aid Road Construction

EDH

pc: Ms. Sheila Jones
Mr. Trey Baxter
Mr. Gerald Steen
Mr. David Bishop
Mr. Paul Griffin
Mr. Dan Gaillet, Madison County Engineer
Mr. John McKee, State Aid County Engineer
File: