

NESHOBA COUNTY

**Adopted
January 18, 2022**

Comprehensive Road and Bridge Plan

2022 - 2025

COUNTY DATA

Neshoba County, Mississippi is approximately 90 miles northeast of Jackson, Mississippi and 35 miles northwest of Meridian, Mississippi. Philadelphia is the county seat and principal City. The county has a total area of 351,305 acres or 572 square miles.

Neshoba County was established by the Mississippi Legislature on December 23, 1833. Philadelphia became the county seat of Neshoba County on August 15, 1837. The Pearl River flows east to west through Neshoba County.

The Neshoba County population has increased during the past several decades but reflects a decrease for the 2020 census due to several factors. In 1970 Neshoba County's population was 20,802. In 1980 the population increased to 23,789. The 1990 county population saw an increase to 24,800. The county population showed steady growth through 2000 with a population of 28,684 and the 2010 Census revealed a population of 29,676. The official Census count for 2020 showed a slight population decrease of -1.98% to 29,087. The COVID-19 Pandemic of 2020 and continuing has had a detrimental effect on Neshoba County in respect to both population (as of January 14, 2022 – 211 deaths attributed to COVID) and the 2020 Census. Neshoba County is the 30th most populated county in Mississippi. Neshoba County is bounded on the north by Winston County; on the east by Kemper County; on the south by Newton County and on

the west by Leake County. Neshoba County is approximately 23.5 miles long by 23.3 miles wide.

ECONOMIC DATA

The main crops grown in the county are corn, soybeans and small grain. Livestock, dairy, poultry and timber are produced on many farms. Timber income is very important since approximately 77% of the land area is considered forest land.

In November 2021, Neshoba County's labor force was 9,670. The total employed was 9,350 resulting in 320 persons being unemployed or a 3.3% unemployment rate according to figures supplied by the Mississippi Department of Employment Security. The County averaged a 4.2% unemployment rate for the three months prior and a 5.8% rate for the previous 11-month period. It should be noted that the COVID-19 Pandemic of 2020 and continuing contributed to a significant increase in the average 2021 unemployment rate.

During 2019 the median household income was \$37,987.00. The median property value in Neshoba County is \$83,000 and the home ownership rate is 71.5%. It is assumed that significant additional tax revenue will not be available.

TRANSPORTATION DATA

Transportation infrastructure in the area is improving. The Kansas City Southern (KCS) Railroad (Canadian Pacific Kansas City (CPKC) assuming US Surface Transportation Board Approval) which is leased by Mississippi Southern Railroad (MSR) runs generally north and south through the county and passes through the county seat of Philadelphia. MSR is capable of moving any commodity with primary transport of agricultural and lumber products over 156 track miles from Ackerman in Choctaw County, MS to Bay Springs in Jasper County, MS.

The entire county is served by several major truck lines. Highway 15 runs generally North and South; Highway 19 runs from Southeast to Northwest; Highway 21 runs from Southwest to Northeast; Highway 16 runs generally East and West. All of these highways intersect in Philadelphia, Mississippi and are considered major trade routes. Highway 19 South provides four-lane access from the Newton County Line to the House Community and Highway 16 West has four lane access from Highway 15 to just past the Lake Pushmataha entrance. Neshoba County remains the only county in east central Mississippi without four-lane access that traverses the entire county. With the implementation of the BUILD transportation grant from the US Department of Transportation and the commitment of the Mississippi Legislature and Mississippi Department of Transportation, Neshoba County anticipates having four-lane access from Philadelphia to the Tucker Community leaving an approximate 6.2 mile gap of two lane roadway between the Tucker and House communities. The new four-lane is scheduled for completion in October 2023. Just south of Tucker, five new bridges have been constructed on the new North bound lane of Highway 19.

ROAD AND BRIDGE DATA

The Neshoba County road system is composed of approximately 726.94 miles (see attached map). State highways, U.S. highways and Bureau of Indian Affairs (BIA) roads are not included in this road system total.

ROADS

<u>Surfaces</u>	<u>Miles</u>
Hard Surfaced (two lane)	395.68
Unpaved (gravel)	331.26
Total	726.94

BRIDGES

Box Bridges	52
Concrete	39
Precast	18
Steel Double Pipe Line	1
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Total	110
State Aid System Bridges	68
LSBP Eligible Bridges	4
Load Posted Bridges	13
Bridges Under Construction	2

LOCAL SYSTEM BRIDGE PROGRAM

The Neshoba County Board of Supervisors is participating in The State of Mississippi's Local System Bridge Program (LSBP). This program uses funds appropriated by the Mississippi Legislature for the replacement of substandard bridges on public roads that are considered to be off the State and Federal Aid Systems. One bridge was recently replaced on County Road 705 (SA50-036) utilizing LSBP funds (Project LSBP-50(14)) which was completed in 2021 at a cost of \$1,037,100.

Neshoba County has four LSBP eligible structures all of which are currently open with one posted for load. Neshoba County will be using all existing LSBP Funds for the replacement of the Railroad Overpass Bridge on County Road 210 (SA50-024) at a projected and programmed cost of \$1,964,000.

LSBP Eligible Bridges

Structure No.	County Road	Structure Type	Load Posting
SA50-055	County Road 414	Concrete Channel Beam (Precast)	None
SA50-075	Weyerhaeuser St.	Concrete Channel Beam (Precast)	None
SA50-118	Lakeside Drive	Concrete Channel Beam (Precast)	None
SA50-121	County Road 181	Concrete Channel Beam (Precast)	19 / 30 / 26

STATE AID / FEDERAL AID ROAD PROGRAM

In addition to the bridge replacement on County Road 210, the Board of Supervisors, as a part of the four year State Aid Road Program has programmed the bridge on County Road 739 (SA50-122) for replacement utilizing state aid road funds. The program cost for construction of this new box bridge is \$540,300. The project program (SAP-50(101)) has been approved by State Aid and is currently in the design and engineering phase.

Because Federal Aid Program funds have been and are being utilized to perform bridge inspections across Mississippi no immediate future funding is anticipated from these funds. It is unknown to what extent recently enacted Bipartisan Infrastructure Funds designated for Mississippi will mean for Neshoba County but if funds become available Neshoba County will seek any available funding.

Neshoba County will also be applying for funding through the Eastern Federal Lands Access Program (EFL/FLAP) Grant to improve remaining areas of County Road 832 East of Highway 15 North that provides access to the Nanih Waiya Wildlife Management Area.

Neshoba County is faced with a unique challenge with that particular bridge located on County Road 210 (SA50-024), which overpasses the non-used Kansas City Southern railway connector running from Union to Sebastopol. Even though the railroad

is no longer utilized and does not appear that it will be utilized in the future, the County will be required to construct the replacement bridge to meet all required railroad overpass standards, which will add substantially to the cost of the project. The bridge is currently open, load posted and undergoing environmental, design and engineering.

The Neshoba County Board of Supervisors has requested to utilize all available LSBP Funding (\$1,029,774) and State Aid Funds (\$434,226) along with designated funding from the Mississippi Legislature (\$500,000) for a total anticipated program cost of \$1,964,000 for replacement of this extraordinary structure.

The County had previously programmed 32.71 miles of reseal under project number SAP-50(14)S at a cost of \$1,733,600. Due to the circumstances with the County Road 210 bridge project and immediate need for replacement of this structure utilizing State Aid Funds in combination with LSBP Funds this program will be revised down, upon approval for the project, to a total cost of \$1,299,374 for the reseal program.

LONG-TERM BRIDGE AND ROAD PLAN

The primary emphasis on bridges for the duration of this plan include those bridges with a sufficiency rating of 50% or less with the following priorities: (1) Replacement of County Road 210 Railroad Overpass Bridge (SA50-024); and (2) Replacement of County Road 739 Bridge (SA50-122), which is currently posted for nine tons tandem axle, and programmed for replacement under project SAP-50(101). Neshoba County will continue to monitor bridge conditions with the next priorities for consideration of replacement those bridges with a sufficiency rating poor to fair that are load posted.

Load Posted Bridges in Neshoba County (excluding those being replaced):

Bridge #	Road	Posted Limit	Sufficiency Rating
SA50-007	County Road 210	16 / 25 Tons	Good

SA50-011	County Road 107	15 Tons Tandem Axle	Fair
SA50-013	County Road 107	17 Tons Tandem Axle	Good
SA50-014	County Road 109	15 Tons Tandem Axle	Fair
SA50-021	County Road 325	27 Tons	Fair
SA50-032	County Road 298	16 Tons Tandem Axle	Good
SA50-083	Blount Street	22 / 35 / 29	Satisfactory
SA50-090	County Road 177	19 Tons Tandem Axle	Satisfactory
SA50-096	County Road 602	14 Tons Tandem Axles	Fair
SA50-121	County Road 181	10 Tons Tandem Axle	Fair

The primary emphasis on roads over the next four years will be to maintain the existing road system and re-surface as many miles of existing hard surface road as available funds will permit. The Board of Supervisors will set the priorities for replacing the wear surface on roads to maintain the integrity of existing road infrastructure and select roads to be hard-surfaced based on countywide needs as funds allow. Some of the criteria to be used in making that determination will include the following: Number of families served, use of the road for access to church and community centers, main roads that will connect from one community to another and cost of construction of the road.

In 2020 Neshoba County reclaimed 3.0 miles of road and reconstructed 0.6 miles of hard surface on County Road 1129. The remaining 2.4 miles of County Road 448 (West of Hwy 19 S) will be reconstructed during 2022 at an approximate cost of \$300,000. Due to the Winter Ice Storm in February 2021 and nearly six months of debris operations resurfacing was not accomplished during the last year.

With new infrastructure funding being phased in from on-line sales tax diversion funding authorized by the Mississippi Legislature, at 25% for 2020, at 50% funding for 2021, currently at 75% in 2022 and with anticipated full funding at 100% in 2023, the

Neshoba County Board of Supervisors will set priorities for the use of the new infrastructure funding based on actual funds received. There is currently a \$300,000 line item budgeted for road improvement in the county road fund which, in conjunction with the new infrastructure funding, will be utilized for maintenance of existing hard surfaced roads (maintenance to prevent failure) and improvement of gravel surface roads to hard surface roads. It should be noted that the significant cost of materials and contract services as well as maintenance activities of existing roadways impedes the construction of new hard surface roads. It should also be noted that the current inflation cost of materials resulting from various factors including the COVID-19 Pandemic have exacerbated the ability to perform significant maintenance.

ROAD IMPROVEMENT – HARD SURFACING OF ROAD

The Following is a listing of roads that have been considered for improving and hard surfacing between the date of adoption of this plan and December 31, 2025. The following roads may be added to or removed by order of the Neshoba County Board of Supervisors.

Hard Surfacing of Roads Plan

<u>Road</u>	<u>Length</u>		<u>Material Cost</u>
153	1.30	\$	140,400.00
2610	1.00	\$	108,000.00
165	1.60	\$	172,800.00
Marty Stuart Drive	1.00	\$	108,000.00
373	1.20	\$	129,600.00
379	1.20	\$	129,600.00
397	1.75	\$	189,000.00
385	0.70	\$	75,600.00
167	1.50	\$	162,000.00
171	1.00	\$	108,000.00
1133	0.75	\$	81,000.00
381	1.00	\$	108,000.00
339 (North Side)	1.00	\$	108,000.00
575	1.20	\$	129,600.00
583	1.30	\$	140,400.00

622	0.50	\$	54,000.00
620	0.30	\$	32,400.00
644	1.00	\$	108,000.00
739	2.50	\$	270,000.00
751	1.70	\$	183,600.00
777	1.00	\$	108,000.00
785	1.30	\$	140,400.00
589	0.50	\$	54,000.00
575	0.50	\$	54,000.00
1714	0.40	\$	43,200.00
2444	0.30	\$	32,400.00
773	0.90	\$	97,200.00
783	1.00	\$	108,000.00
2831	1.00	\$	108,000.00
2826	1.30	\$	140,400.00
1727	0.70	\$	75,600.00
638	0.50	\$	54,000.00
636	0.40	\$	43,200.00
464	0.70	\$	75,600.00
773	0.90	\$	97,200.00
628	1.30	\$	140,400.00
2822	0.70	\$	75,600.00
2630	0.30	\$	32,400.00
741	2.20	\$	237,600.00
567	1.40	\$	151,200.00
1535	0.75	\$	81,000.00
832 (Reclamation)	0.75	\$	81,000.00
848	1.50	\$	162,000.00
569 (Reclamation)	1.80	\$	194,400.00
755 (Reclamation)	1.50	\$	162,000.00
832 East Side (Reclamation)	0.75	\$	81,000.00
448 West Side(Reclamation)	2.40	\$	300,000.00
517	1.30	\$	140,400.00
523	0.95	\$	102,600.00
2440	0.40	\$	43,200.00
2442	0.25	\$	27,000.00
450	2.80	\$	302,400.00
Alesia Circle	0.25	\$	27,000.00
266	2.20	\$	237,600.00
452	2.00	\$	216,000.00
711	0.50	\$	54,000.00
529	1.10	\$	118,800.00
262	0.50	\$	54,000.00
288	1.00	\$	108,000.00
280	0.40	\$	43,200.00

444	0.50	\$	54,000.00
290	0.20	\$	21,600.00
4308	1.00	\$	108,000.00
327	0.30	\$	32,400.00
294	0.40	\$	43,200.00
298	1.10	\$	118,800.00
McKee Street	0.25	\$	27,000.00
454	2.10	\$	226,800.00
270	1.30	\$	140,400.00
274	0.20	\$	21,600.00
723	2.30	\$	248,400.00
268	1.50	\$	162,000.00
458	2.30	\$	248,400.00
1131	0.30	\$	32,400.00
541	2.40	\$	259,200.00
240	2.00	\$	216,000.00
226	1.80	\$	194,400.00
402	2.80	\$	302,400.00
339	2.80	\$	302,400.00
363	0.60	\$	64,800.00
121	2.50	\$	270,000.00
315	2.70	\$	291,600.00
1131	1.10	\$	118,800.00
246	0.70	\$	75,600.00
428	0.80	\$	86,400.00
244	1.00	\$	108,000.00
313	1.30	\$	140,400.00
432	2.20	\$	237,600.00
531	1.80	\$	194,400.00
109	2.30	\$	248,400.00
317	2.60	\$	280,800.00
351	0.60	\$	64,800.00
420	0.60	\$	64,800.00
412	1.00	\$	108,000.00
533	0.75	\$	81,000.00
125	2.60	\$	280,800.00
410	0.75	\$	81,000.00
418	1.00	\$	108,000.00
343	0.90	\$	97,200.00
139	1.60	\$	172,800.00
127	1.00	\$	108,000.00
107	2.00	\$	216,000.00
206	2.80	\$	302,400.00
361	3.10	\$	334,800.00
145	2.30	\$	248,400.00

2426	0.75	\$	81,000.00
133	0.20	\$	21,600.00
406	1.30	\$	140,400.00
139	1.60	\$	172,800.00
212	1.60	\$	172,800.00
123	1.00	\$	108,000.00
236	2.00	\$	216,000.00
743	1.25	\$	135,000.00
3403	1.50	\$	162,000.00
1361	1.00	\$	108,000.00
1357	1.00	\$	108,000.00
630	0.60	\$	64,800.00
2642	0.50	\$	54,000.00
1721	0.60	\$	64,800.00
822	2.30	\$	248,400.00
171	1.50	\$	162,000.00
173	2.50	\$	270,000.00
3407	1.40	\$	151,200.00
1354	0.20	\$	21,600.00
2808	0.80	\$	86,400.00
1723	0.30	\$	32,400.00
1721	0.60	\$	64,800.00
1720	0.20	\$	21,600.00
1719	0.20	\$	21,600.00
3403	1.30	\$	140,400.00
3405	1.20	\$	129,600.00
TOTAL	157.45	\$	17,045,400.00

RESEAL AND NEW WEAR SURFACE OF HARD SURFACED ROADS

The following is a listing of roads that may need to be resealed, including those designated immediately with leveling and placing a new wear surface on them in 2022. The remaining roads to be considered, as resources permit, and potentially by December 31, 2025. Through this leveling and reseat program, and the placing of a new wear surface, the life of the road will be extended.

Seal and Surface Maintenance of Hard Surface Roads

<u>Road</u>	<u>Length</u>	<u>HMA</u>	<u>Material Cost</u>
Marty Stuart Drive	3.80	912 TN	\$ 272,433.00
339	1.00	175 TN	\$ 61,504.00
383	0.10	5 TN	\$ 4,631.00
1349	0.30	10 TN	\$ 13,202.00
149	4.00	430 TN	\$ 212,877.00

604	1.90	383 TN	\$	123,810.00
2606	1.80	363 TN	\$	118,489.00
155	0.30	82 TN	\$	22,026.00
339	2.50		\$	100,000.00
149	3.80		\$	152,000.00
2808	0.80		\$	32,000.00
618	0.45	393 TN	\$	53,727.00
614	1.50	845 TN	\$	211,456.00
563	0.70	113 TN	\$	41,926.00
628	1.00	165 TN	\$	60,281.00
771	1.80	125 TN	\$	88,243.00
2826	1.40	178 TN	\$	77,871.00
472	0.60	186 TN	\$	46,894.00
767	1.00		\$	40,000.00
769	1.10		\$	44,000.00
832	1.50		\$	60,000.00
Plantation Point Dr-South	0.50		\$	20,000.00
Condo Road	0.10		\$	4,000.00
Condo Drive	0.10		\$	4,000.00
Gateway Dr	0.10		\$	4,000.00
761	1.80		\$	72,000.00
2828	0.30		\$	12,000.00
628	2.30		\$	92,000.00
775	1.50		\$	60,000.00
624	5.05		\$	202,000.00
729	3.20		\$	128,000.00
2826	2.20		\$	88,000.00
610	6.90		\$	276,000.00
791	0.70		\$	28,000.00
Country Lane	1.00		\$	40,000.00
634	0.30		\$	12,000.00
642	1.30		\$	52,000.00
460	1.60	238TN	\$	93,230.00
725	0.70	129 TN	\$	43,812.00
270	2.80	534 TN	\$	181,251.00
248	3.20	350 TN	\$	173,746.00
703	0.33	143 TN	\$	30,833.00
501	2.90	39 TN	\$	120,811.00
448 (East Side)	2.20	213 TN	\$	114,158.00
450	3.30	119 TN	\$	147,542.00
458	0.70	34 TN	\$	32,174.00
446	1.00	296 TN	\$	76,362.00
462	1.00	221 TN	\$	69,685.00
268	0.40	35 TN	\$	22,046.00
250	1.20		\$	48,000.00

4306	0.74		\$	29,600.00
519	0.50		\$	20,000.00
468	1.30		\$	52,000.00
282	1.50		\$	60,000.00
739	2.00		\$	80,000.00
723	0.50		\$	20,000.00
529	0.60		\$	24,000.00
206	0.50		\$	20,000.00
2434	0.70	403 TN	\$	54,708.00
434	0.40	58 TN	\$	25,516.00
206	0.60	125 TN	\$	39,359.00
414	0.70	34 TN	\$	32,189.00
208	0.20	18 TN	\$	10,174.00
430	1.40	22 TN	\$	60,750.00
410	1.10	105 TN	\$	64,009.00
349	0.60	264 TN	\$	56,520.00
234	1.50	227 TN	\$	113,427.00
129	0.25	101 TN	\$	22,380.00
127	3.10	497 TN	\$	186,145.00
121	0.30	13 TN	\$	13,624.00
123	4.10	10 TN	\$	165,224.00
212	1.80	51 TN	\$	78,271.00
311	2.80	60 TN	\$	121,500.00
254	0.20	80 TN	\$	17,892.00
343	1.10	500 TN	\$	105,500.00
325	5.40		\$	216,000.00
418	3.10		\$	124,000.00
248	5.60		\$	224,000.00
397 (North Side)	2.40	592 TN	\$	168,826.00
1523	0.20	60 TN	\$	15,324.00
571	3.40	306 TN	\$	181,791.00
616	2.80	194 TN	\$	138,569.00
171	1.00	93 TN	\$	94,549.00
832	0.50	527 TN	\$	84,780.00
747	3.20	332 TN	\$	168,872.00
187	1.20	103 TN	\$	60,643.00
397 (South Side)	0.10	116 TN	\$	18,282.00
TOTAL	124.22		\$	6,224,472.00

GRAVEL ON COUNTY ROADS

County roads will be graveled on an as needed basis when regular maintenance is performed on these roads. The County is divided up into four (4) work areas for motor grader purposes. Those areas are Southeast (zone one); Southwest (zone two);

Northwest (zone three); Northeast (zone four). Each of these areas has one or more motor graders assigned to them.

ROAD SIDE CLIPPING

County roads will have the road sides clipped on an annual basis. The County is divided into two (2) work zones. Those areas are East and West.

POTHOLE AND SHOULDER REPAIR

County hard surfaced roads will have a minimum of one crew assigned daily for the sole purpose of repairing potholes and shoulders along public roads of Neshoba County.

ROADSIDE SPRAYING

All county gravel roads will be sprayed on an annual basis for weed and brush control. All county hard surfaced roads will be sprayed on an annual basis to help in grass and weed control.

NEW EQUIPMENT NEEDS

By December 31, 2025 Neshoba County will need to consider replacing and purchasing the following equipment used in its road department:

<u>Description</u>	<u>Quantity</u>	<u>Estimated Cost</u>
Tractor Truck	1	\$125,000.00
Dump Trailer	1	\$50,000.00
7 Foot Mowers	2	\$8,000.00
Pothole Patcher Truck	1	\$220,000.00
Dump Truck (Tandem Axle)	2	\$300,000.00

PERSONNEL NEEDS

The Neshoba County Road and Bridge Department will employ a Road Manager who will be responsible for the implementation of the Road and Bridge Program set forth by the Neshoba County Board of Supervisors. Personnel will be assigned to the following area:

1	Road Manager
1	Administrative Staff
2	Long Hall Truck Drivers

1	Fuel Truck
2	Pothole Patching
3	Mechanics
4	Motor Graders
4	Dump Trucks
2	Culvert Installation
5	Construction & Heavy Maintenance
4	Bush hogging Crews
2	Boom Axe
5	Miscellaneous Labor
4	Trash Collection

The County will need to employ a minimum of 40 road department personnel through December 31, 2025.

001-030-0473 FAX 001-030-3343
www.nashobacounty.net

MAP PRODUCED USING: ESRI ARCGIS 10.8
OFFICIAL ROAD MAP OF NESHOBA COUNTY
UPDATED - JUNE 30, 2021
ADOPTED - JULY 6, 2021

