MDOT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

# The Driving Force of a Strong Economy

# Mississippi's Transportation Infrastructure

## A look at the state's roads and bridges by county.

**Mark C. McConnell**
Deputy Executive Director/
Chief Engineer

**Charles R. Carr**
Director
Office of Intermodal Planning

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**Melinda L. McGrath**
Executive Director

**Lisa M. Hancock**
Deputy Executive Director/
Administration

**Willie Huff**
Director
Office of Enforcement

*P. O. Box 1850 / Jackson, MS 39215-1850 / Telephone (601) 359-7249 / FAX (601) 359-7050 / GoMDOT.com*

**December 17, 2013**

**The Honorable Willie Simmons**
**Chairman, Highways & Transportation Committee**
**Mississippi State Senate**
**Post Office Box 1018**
**Jackson, Mississippi 39215**

**Dear Chairman Simmons:**

**Per your request, we have developed a county-by-county reference manual which details highway system preservation and capacity needs throughout the State of Mississippi. Among other pertinent information, the book contains data showing how the Mississippi Department of Transportation (MDOT) plans and prioritizes maintenance and construction projects.**

**Should you need further information, please do not hesitate to contact my staff or me at any time. Thank you for your continued support of MDOT.**

**Respectfully,**

**Melinda L. McGrath, P.E.**
**Executive Director**
**Mississippi Department of Transportation**

# Introduction

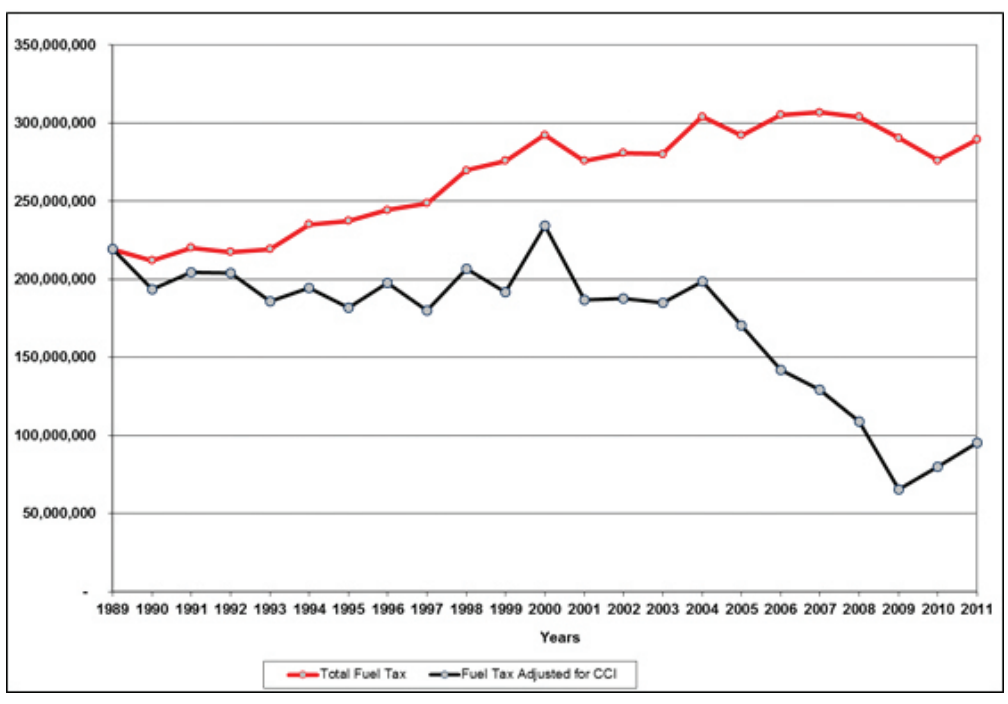
## INTRODUCTION

The first impression on a tourist, a developer or other visitor making decisions about travel and economic investments in Mississippi is the state-maintained highway system. This is the backbone of the statewide transportation network, and it is important to keep it maintained. It's the driving force of a strong economy.

City routes, county highways, ports, railroads and airports all rely on and feed into the state highway system to move goods and people throughout Mississippi. The 1987 Four-lane Highway Program established an interconnectivity standard throughout the state on a massive scale. Larger volumes of traffic and heavier truckloads are now able to travel our state in an efficient and cost-effective manner.

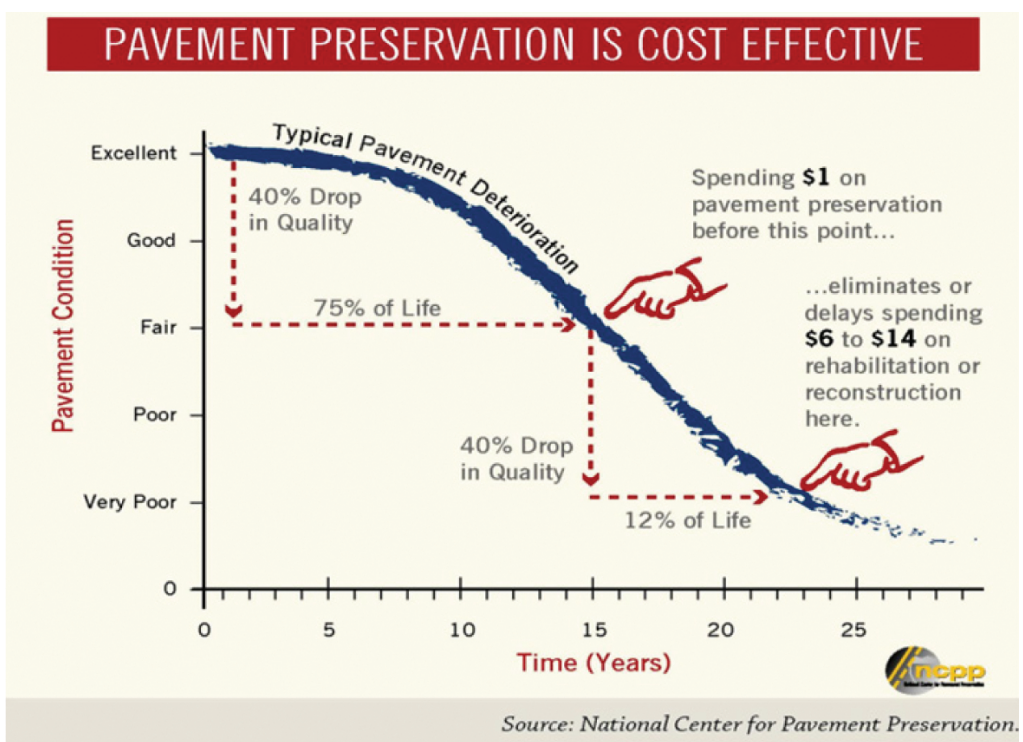
As a result, the state has seen growth in economic development and improvement in the overall quality of life for its citizens. Major industries have and will continue to locate in Mississippi because of the viability of our state highway system. It is paramount this cornerstone of our transportation network be preserved in order to ensure the growth and vitality of Mississippi for future generations.

Since 1987, revenue from the state gas tax has increased 30% and the cost of construction has increased 300%.



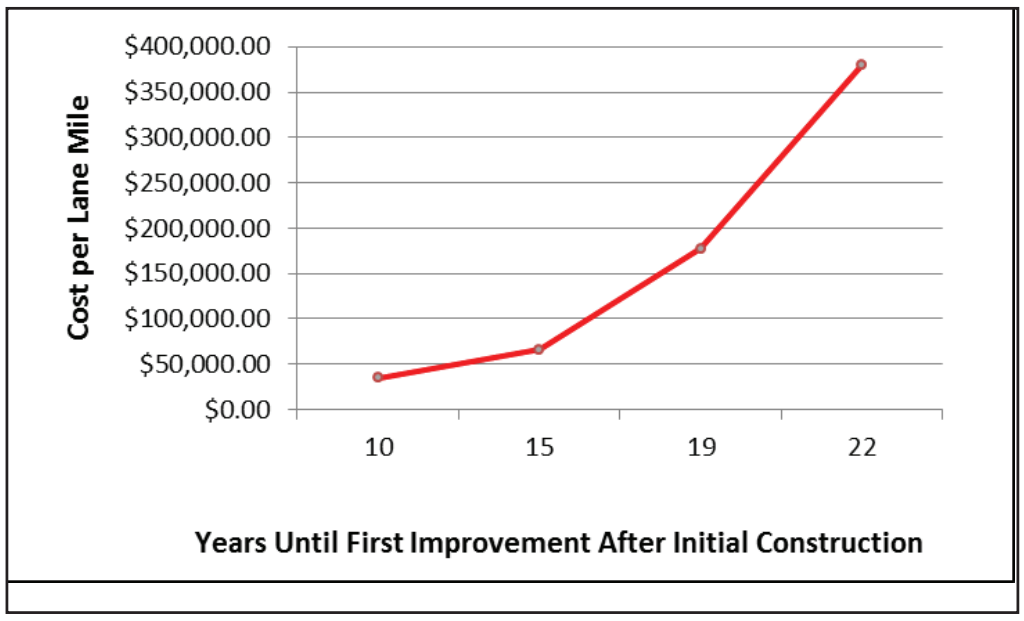

The effects of weather and heavy traffic on a roadway can be devastating if they are not dealt with in a timely manner. The most cost-effective way to indefinitely preserve a road is to improve the surface before cracks form and allow water to penetrate through and erode the soil base. The graph below shows the typical deterioration of pavement.

The right hand side of this chart shows if improvements are neglected beyond the 10 to 15 year timeframe repairs will cost 6 to 14 times more.



If less expensive repairs are implemented along the way, as shown in the chart below, a road can be sustained for many years without the need for high-cost reconstruction.

The relationship between cost and delayed road improvements is similar to someone being unable to afford paint for his or her house. When the paint is worn away and water gets into the wood, the wood has to be replaced. The cost to repair and repaint the house will be considerably more than the cost to simply apply paint at the proper time.




## PAVEMENT PRIORITIZATION*

Pavement Condition Rating (PCR) data is collected every two years.

Prioritization

- Pavements in each system (interstate, four-lane and two-lane) are listed by PCR numerical order
- List is condensed to a 3-year plan
- Pavement rating team visits each site in the 3-year plan to finalize current year's pavement schedule
- Rehabilitation projects are programmed based on available funding

** For more information see Appendix A*

## BRIDGE REPLACEMENT PRIORITIZATION**

Each bridge inspection results in assigning a sufficiency rating to the bridge which ranges from zero to 100 with 100 being new condition.

Significance Index

- A list from highest significance rating to lowest is prepared
- Additional considerations
- Volume of traffic
- Detour length
- Economic impact
- Emergency response
- National highway system
- 5-year scale builds list model

*** For more information see Appendix B*

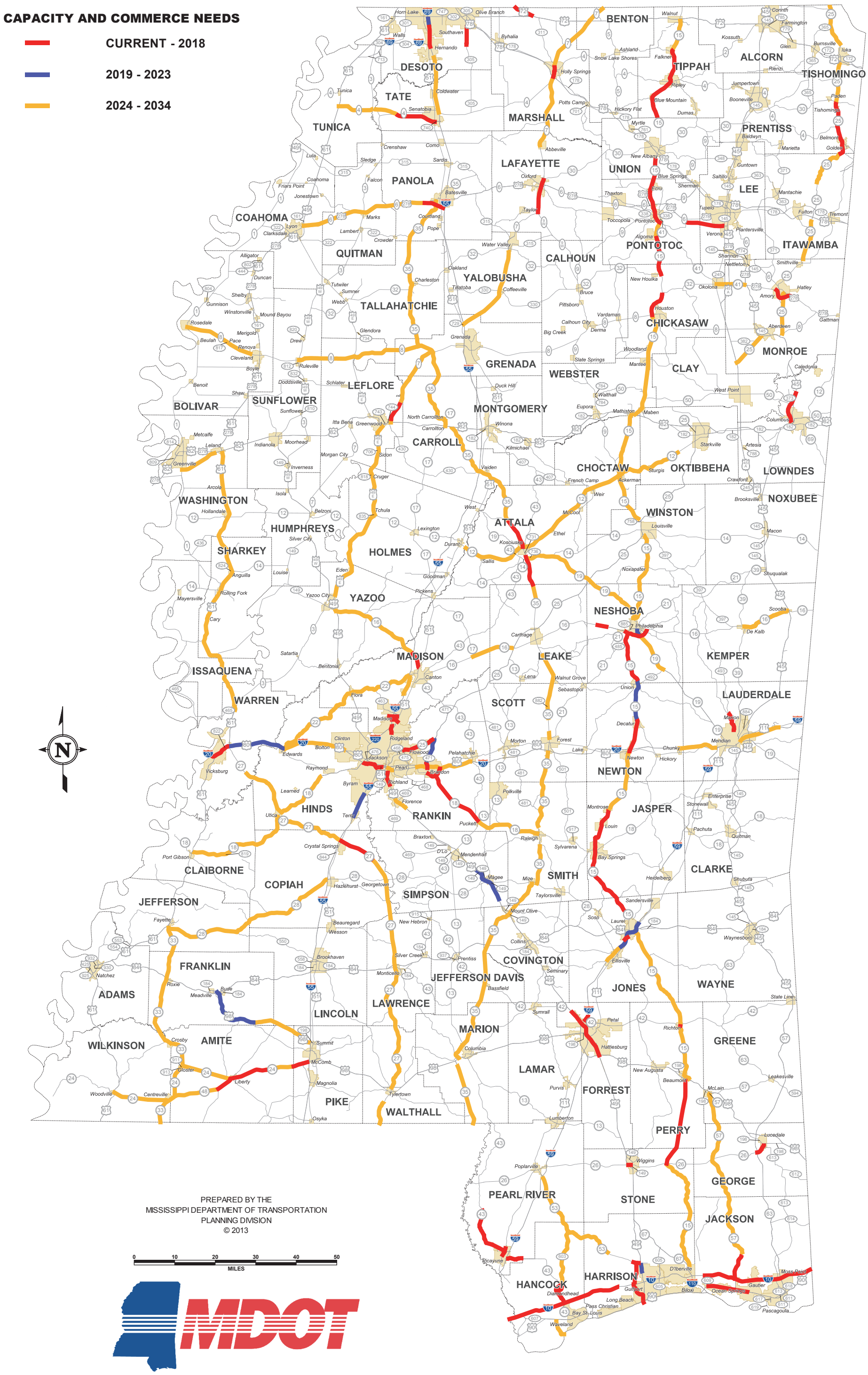
## SUMMARY***

The information presented in this document is a snapshot in time of Mississippi's state-maintained transportation infrastructure. This inventory is based on inspections rated according to state and federal standards. In addition, this document provides insight on the usage of state highways by industry.

To fully fund the transportation system into the future, MDOT needs an additional $400 million per year. Allowing the road system to fall into disrepair today will make it significantly more expensive to rehabilitate in the future. Keeping our roads in good condition not only provides economic advantages and enhanced safety to Mississippi, it also makes good financial sense.

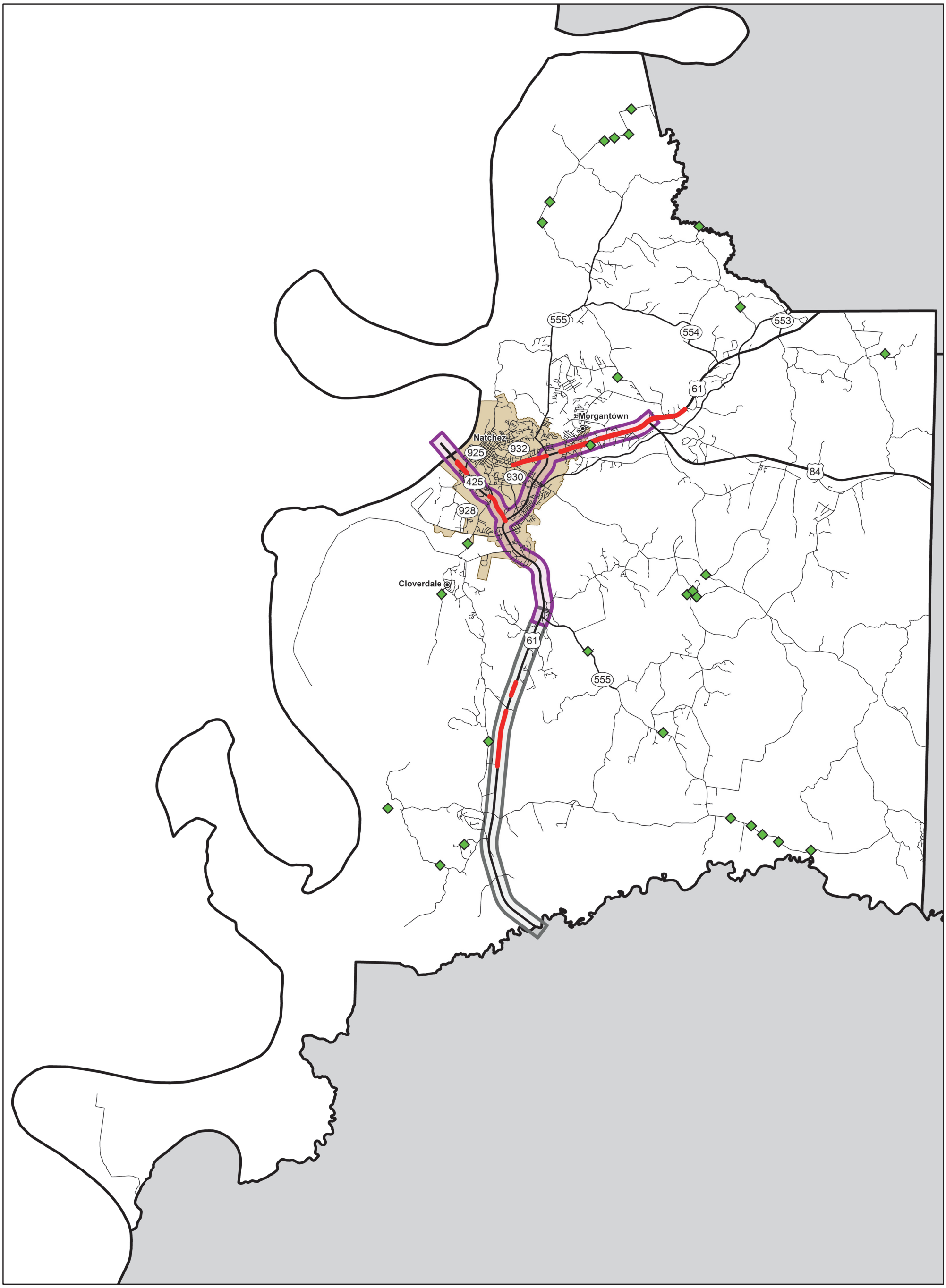
****For more information see Appendix C*

# Current Capacity and Commerce Needs Through 2034



# Table of Contents


| | |
|---|---|
| Adams | 2 |
| Alcorn | 4 |
| Amite | 6 |
| Attala | 8 |
| Benton | 10 |
| Bolivar | 12 |
| Calhoun | 14 |
| Carroll | 16 |
| Chickasaw | 18 |
| Choctaw | 20 |
| Claiborne | 22 |
| Clarke | 24 |
| Clay | 26 |
| Coahoma | 28 |
| Copiah | 30 |
| Covington | 32 |
| DeSoto | 34 |
| Forrest | 36 |
| Franklin | 38 |
| George | 40 |
| Greene | 42 |
| Grenada | 44 |
| Hancock | 46 |
| Harrison | 48 |
| Hinds | 50 |
| Holmes | 52 |
| Humphreys | 54 |
| Issaquena | 56 |
| Itawamba | 58 |
| Jackson | 60 |
| Jasper | 62 |
| Jefferson | 64 |
| Jefferson Davis | 66 |
| Jones | 68 |
| Kemper | 70 |
| Lafayette | 72 |
| Lamar | 74 |
| Lauderdale | 76 |
| Lawrence | 78 |
| Leake | 80 |
| Lee | 82 |
| Leflore | 84 |
| Lincoln | 86 |
| Lowndes | 88 |
| Madison | 90 |
| Marion | 92 |
| Marshall | 94 |
| Monroe | 96 |
| Montgomery | 98 |
| Neshoba | 100 |
| Newton | 102 |
| Noxubee | 104 |
| Oktibbeha | 106 |
| Panola | 108 |
| Pearl River | 110 |
| Perry | 112 |
| Pike | 114 |
| Pontotoc | 116 |
| Prentiss | 118 |
| Quitman | 120 |
| Rankin | 122 |
| Scott | 124 |
| Sharkey | 126 |
| Simpson | 128 |
| Smith | 130 |
| Stone | 132 |
| Sunflower | 134 |
| Tallahatchie | 136 |
| Tate | 138 |
| Tippah | 140 |
| Tishomingo | 142 |
| Tunica | 144 |
| Union | 146 |
| Walthall | 148 |
| Warren | 150 |
| Washington | 152 |
| Wayne | 154 |
| Webster | 156 |
| Wilkinson | 158 |
| Winston | 160 |
| Yalobusha | 162 |
| Yazoo | 164 |
| Appendix A: Pavement Ratings | 166 |
| Appendix B: Bridge Ratings | 168 |
| Appendix C: Preserving Mississippi's Infrastructure | 170 |




## ADAMS COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- MINING/GRAVEL
- WAREHOUSING

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $7,261,054 | $58,397,418 | $27,992,135 |

N

0 1 2 3 4 5

Miles

MDOT PLANNING DIVISION

# Adams County

US 61 over Catherine Creek
Northbound

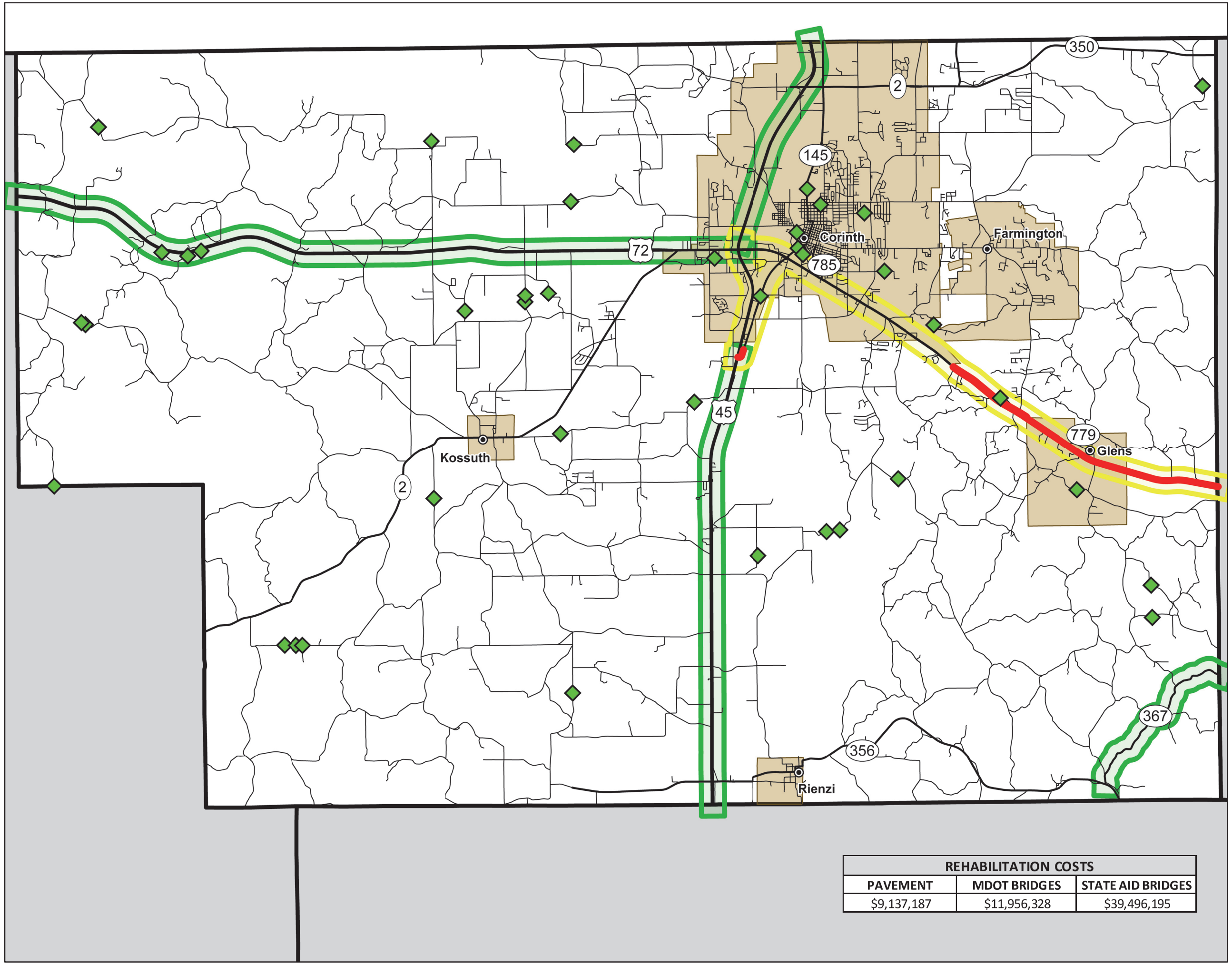
US 61 over Catherine Creek
Southbound

US 61 over Catherine Creek
Northbound

US 61 over Catherine Creek
Southbound

# ALCORN COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- MANUFACTURING/INDUSTRY




| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $9,137,187 | $11,956,328 | $39,496,195 |

N

0 1 2 3 4 5
Miles

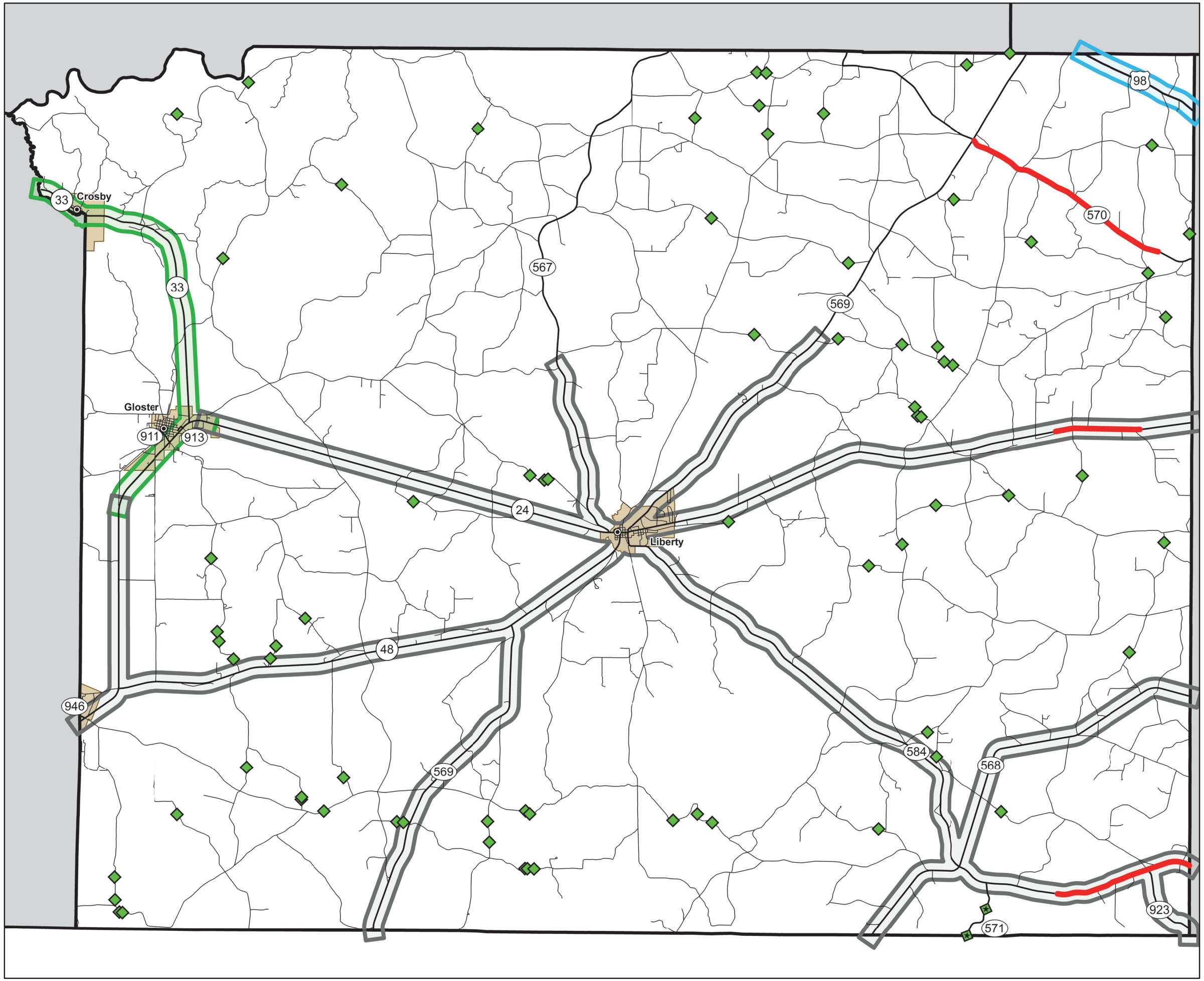
MDOT PLANNING DIVISION

# Alcorn County

US 45 over KCS RR #277.6B

US 45 over KCS RR #277.6B

US 45 over KCS RR #277.6B




# AMITE COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- KEY FREIGHT CORRIDOR
- MINING/GRAVEL

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $2,705,260 | $2,484,309 | $61,188,864 |

N

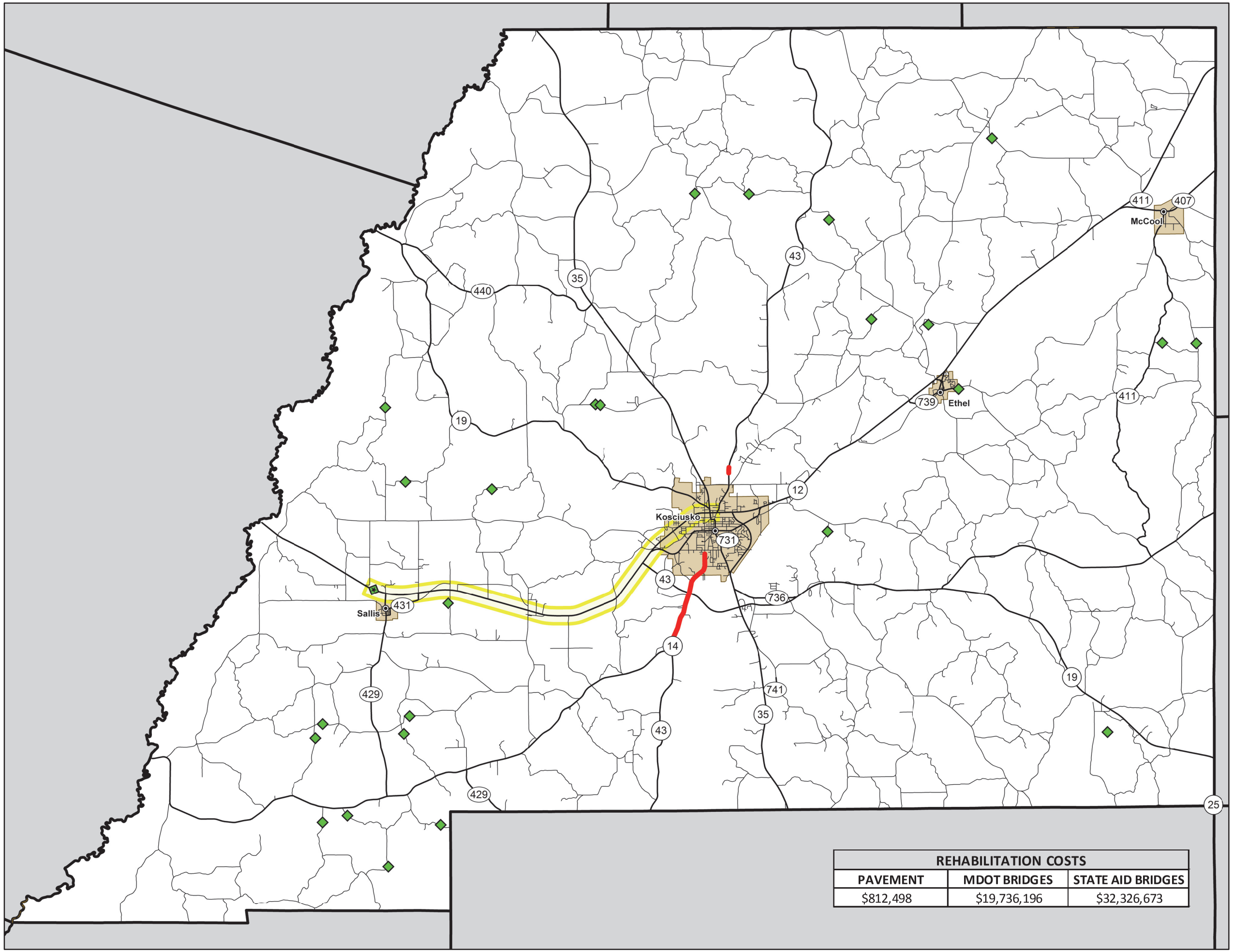
0 1 2 3 4 5
Miles

MDOT PLANNING DIVISION

# Amite County

MS 571 over Miller Creek Posted

MS 571 over Unnamed Stream Posted




| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $812,498 | $19,736,196 | $32,326,673 |

## ATTALA COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- MANUFACTURING/INDUSTRY

N

0 1 2 3 4 5
Miles

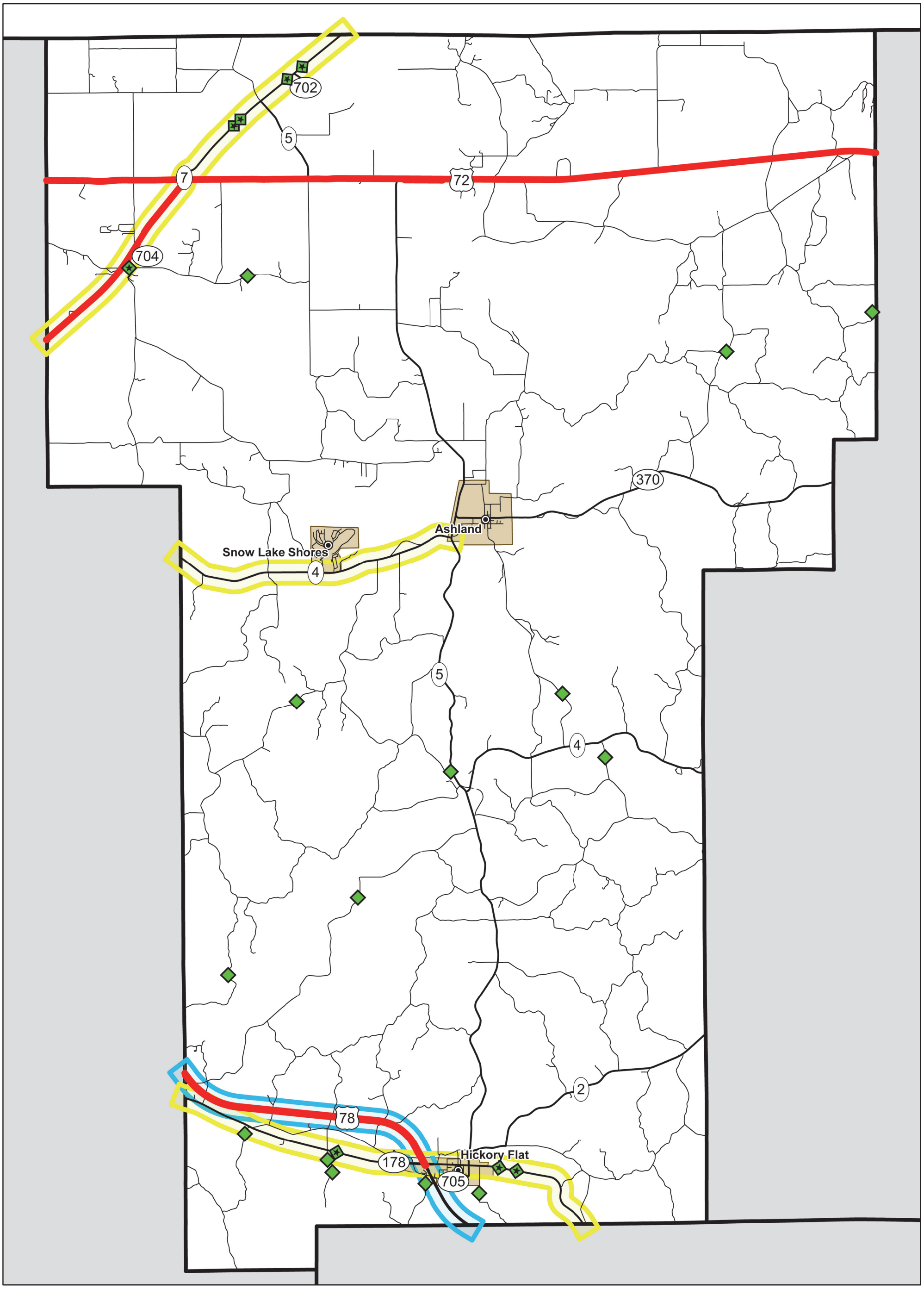
MDOT PLANNING DIVISION

# Attala County

MS 12 over Indian Creek Posted

MS 12 over Indian Creek Posted

MS 12 over Indian Creek Posted




## BENTON COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- KEY FREIGHT CORRIDOR
- MANUFACTURING/INDUSTRY

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $16,141,584 | $20,001,273 | $14,177,620 |

N

0 1 2 3 4 5

Miles

MDOT PLANNING DIVISION

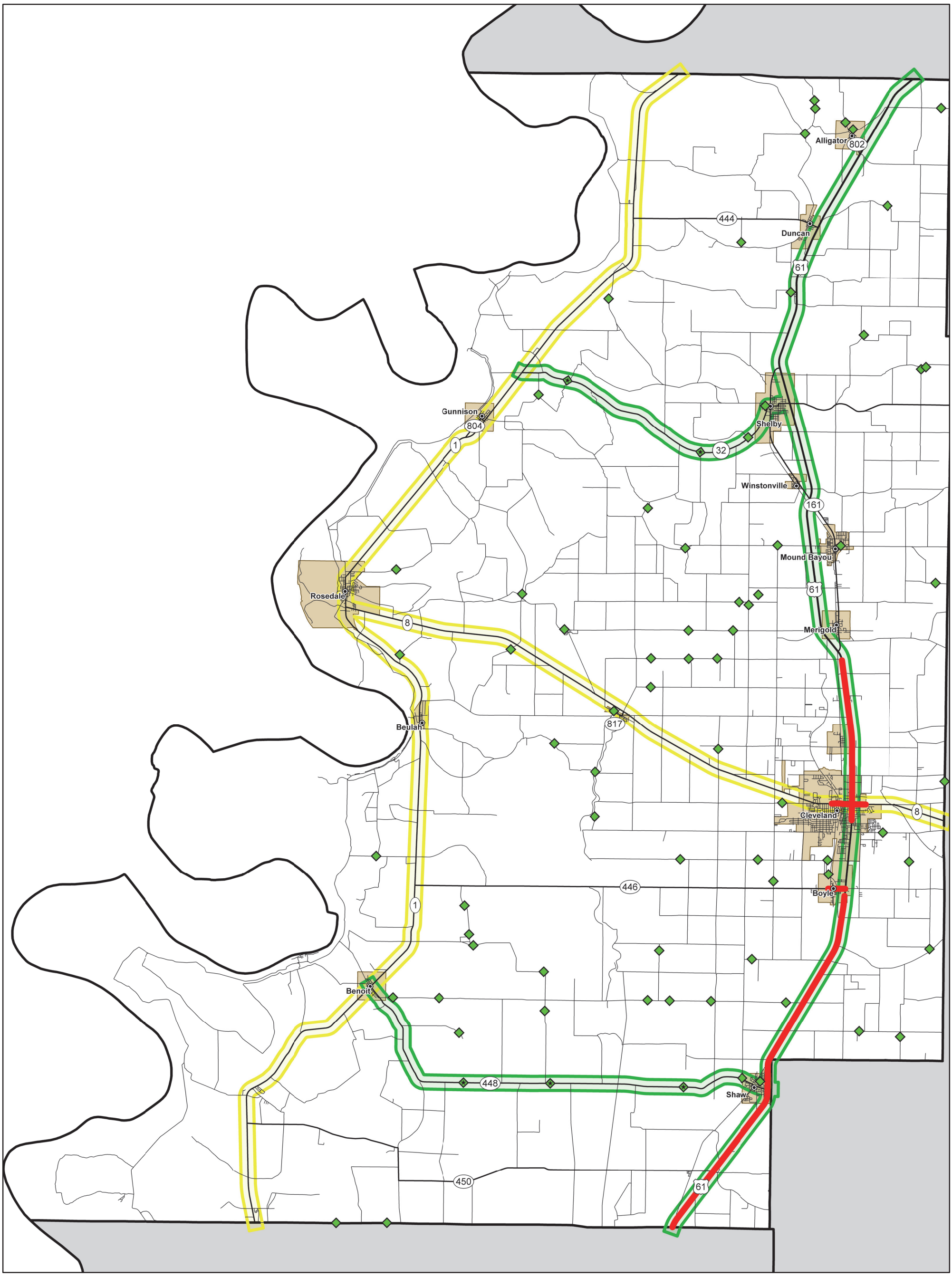
# Benton County

MS 178 over Peachahala Creek Posted

MS 178 over Peachahala Creek Posted

MS 178 over Peachahala Creek Posted

MS 178 over Peachahala Creek Posted




## BOLIVAR COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- MANUFACTURING/INDUSTRY

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $10,201,903 | $5,843,962 | $67,401,896 |

N

0 1 2 3 4 5
Miles

MDOT PLANNING DIVISION

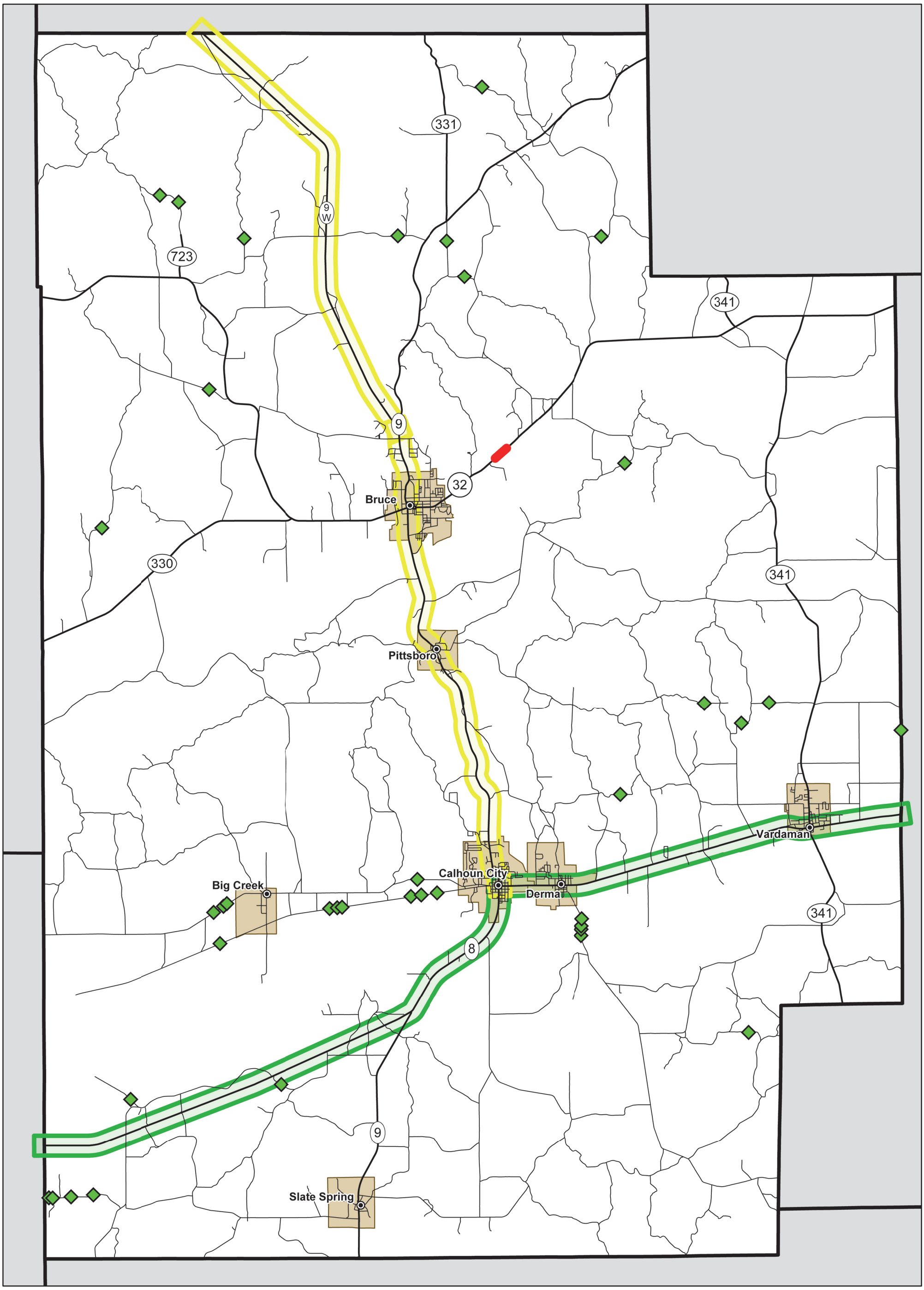
# Bolivar County

MS 448 over Clear Creek

MS 448 over Clear Creek

MS 448 over Pecan Bayou

MS 448 over Pecan Bayou




## CALHOUN COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- MANUFACTURING/INDUSTRY

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $87,170 | $39,286,395 | $29,768,412 |

N

0 1 2 3 4 5
Miles

MDOT PLANNING DIVISION

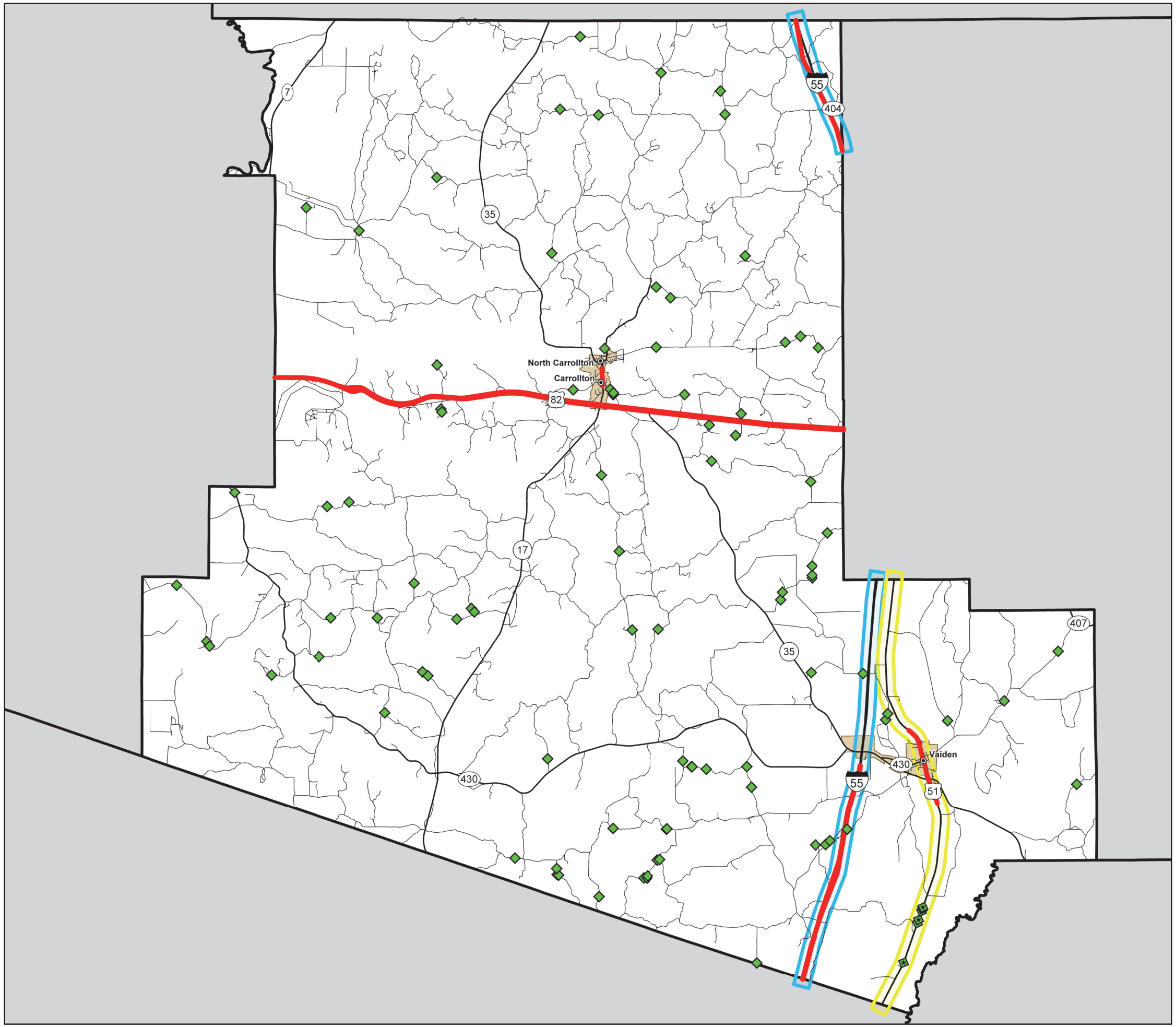
# Calhoun County

MS 9 over Topishaw Canal Open

MS 9 over Topishaw Canal Open

MS 9 over Topishaw Canal Open

MS 9 over Topishaw Canal Open




## CARROLL COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- KEY FREIGHT CORRIDOR
- MANUFACTURING/INDUSTRY

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $24,244,507 | $57,537,993 | $62,844,812 |

N

0 1 2 3 4 5
Miles

MDOT PLANNING DIVISION

# Carroll County

US 51 over Creek Posted

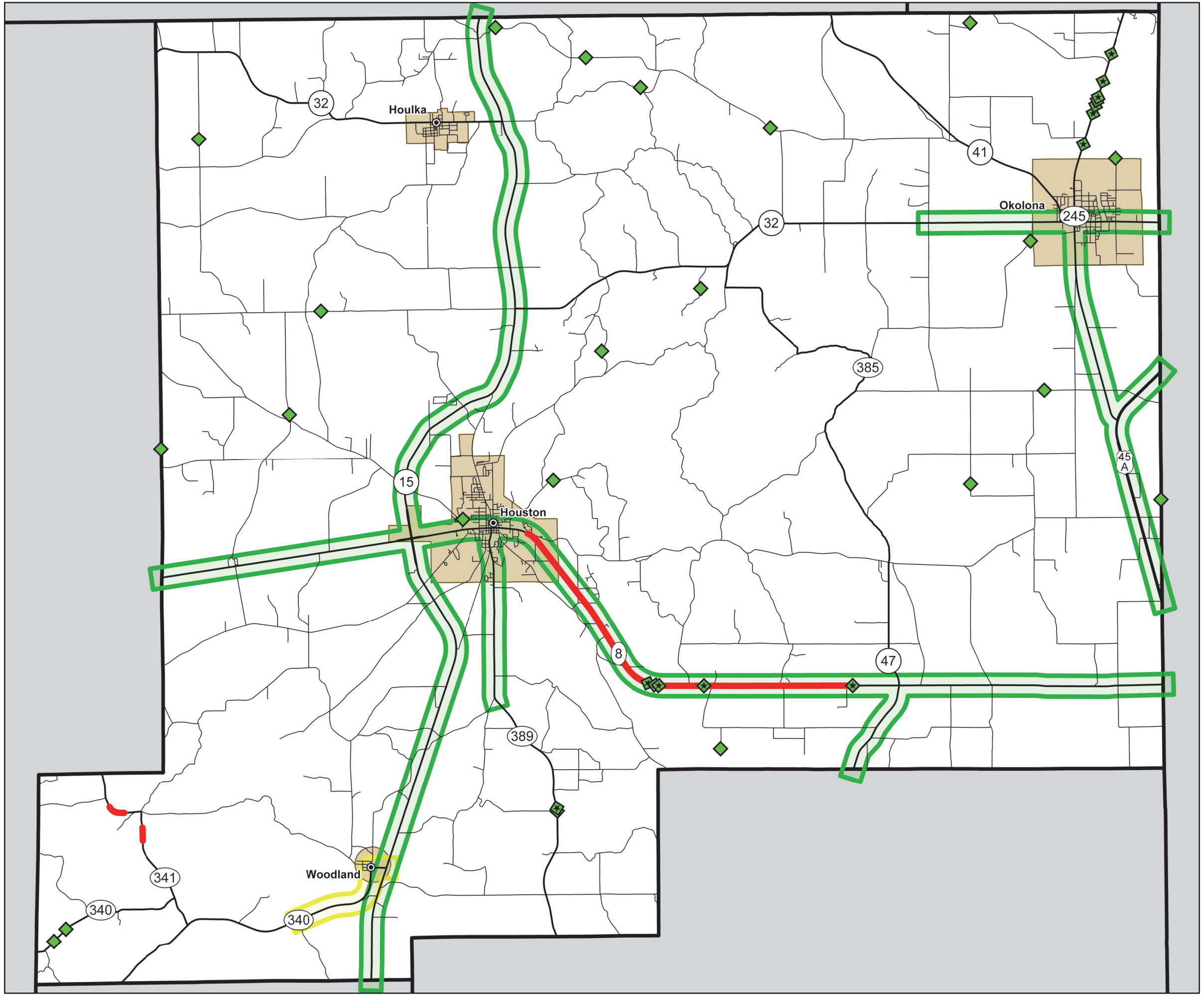
US 51 over Creek Posted

US 51 over Creek Posted

US 51 over Creek Posted

# CHICKASAW COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- MANUFACTURING/INDUSTRY




| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $4,159,780 | $20,334,578 | $15,739,099 |

N

0 1 2 3 4 5
Miles

MDOT PLANNING DIVISION

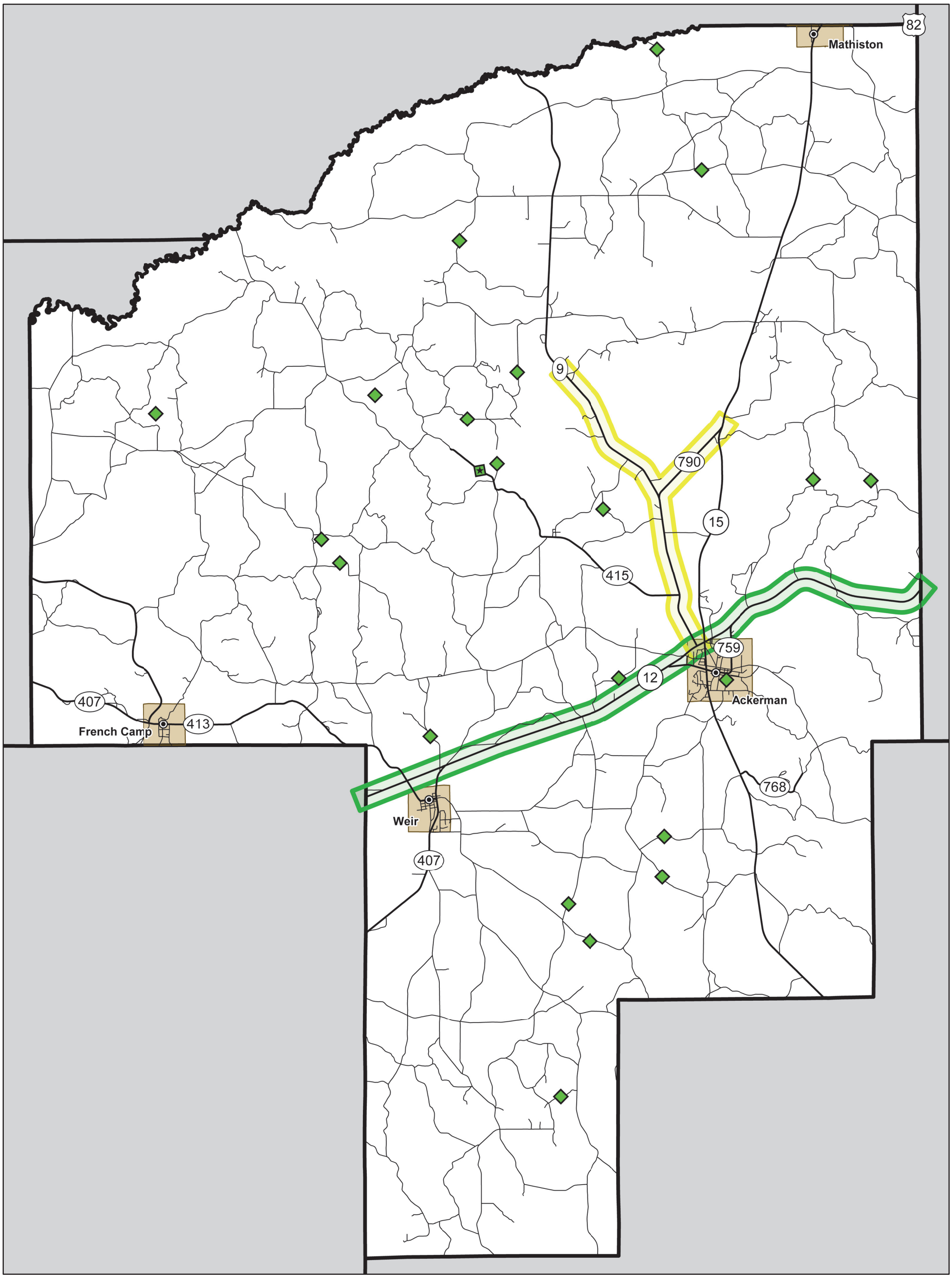
# Chickasaw County

MS 245 over Tallabinnela Creek

MS 245 over Tallabinnela Creek

MS 389 over Chewawah

MS 389 over Chewawah




## CHOCTAW COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- MANUFACTURING/INDUSTRY

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $32,292 | $12,100,261 | $15,494,645 |

N

0 1 2 3 4 5
Miles

MDOT PLANNING DIVISION

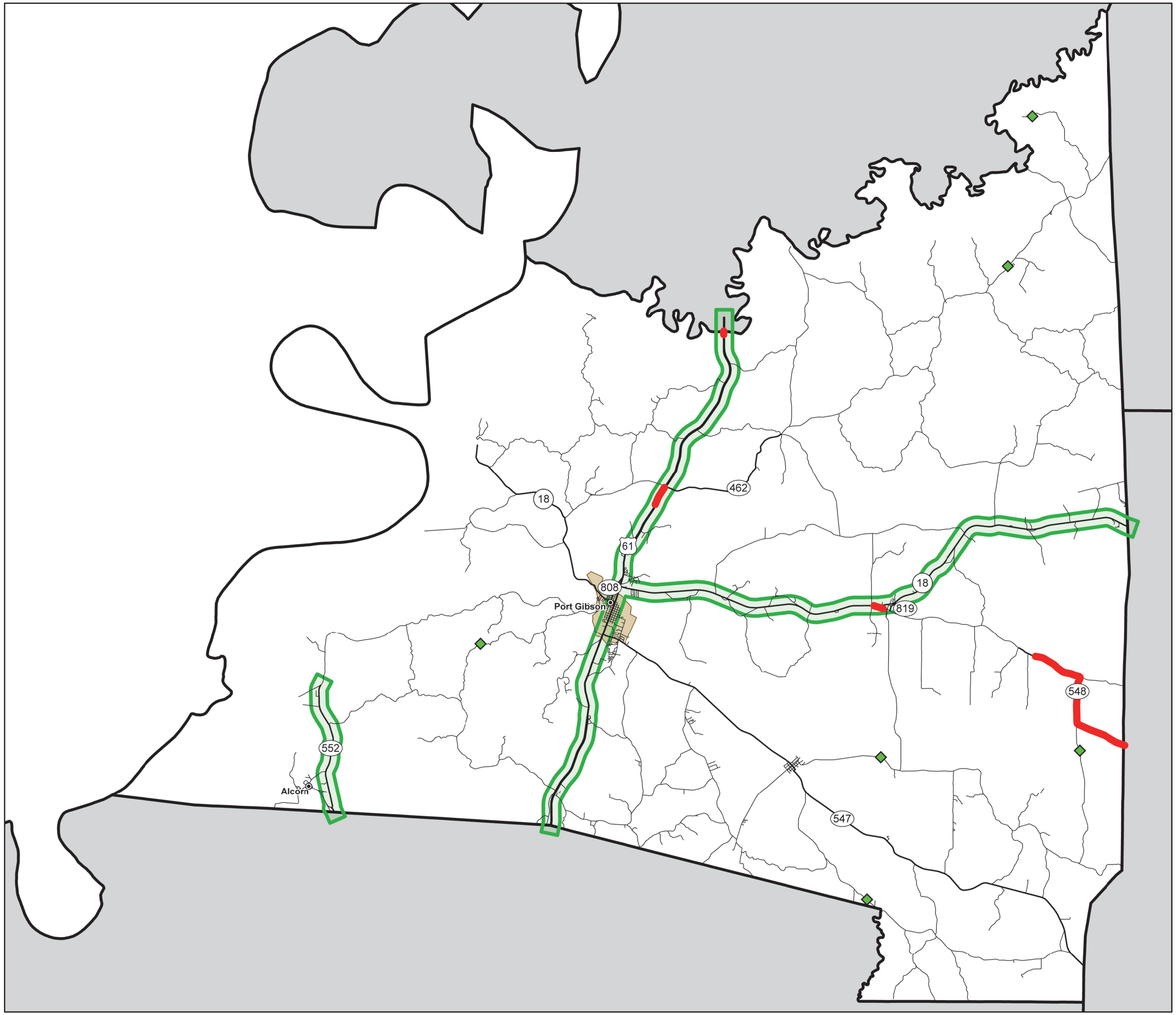
# Choctaw County

MS 9 over Big Bywy Creek

MS 9 over Big Bywy Creek

MS 415 over Fannie Bowie Creek

MS 415 over Fannie Bowie Creek




## CLAIBORNE COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $1,501,854 | $3,402,383 | $6,776,030 |

N

0 1 2 3 4 5
Miles

MDOT PLANNING DIVISION

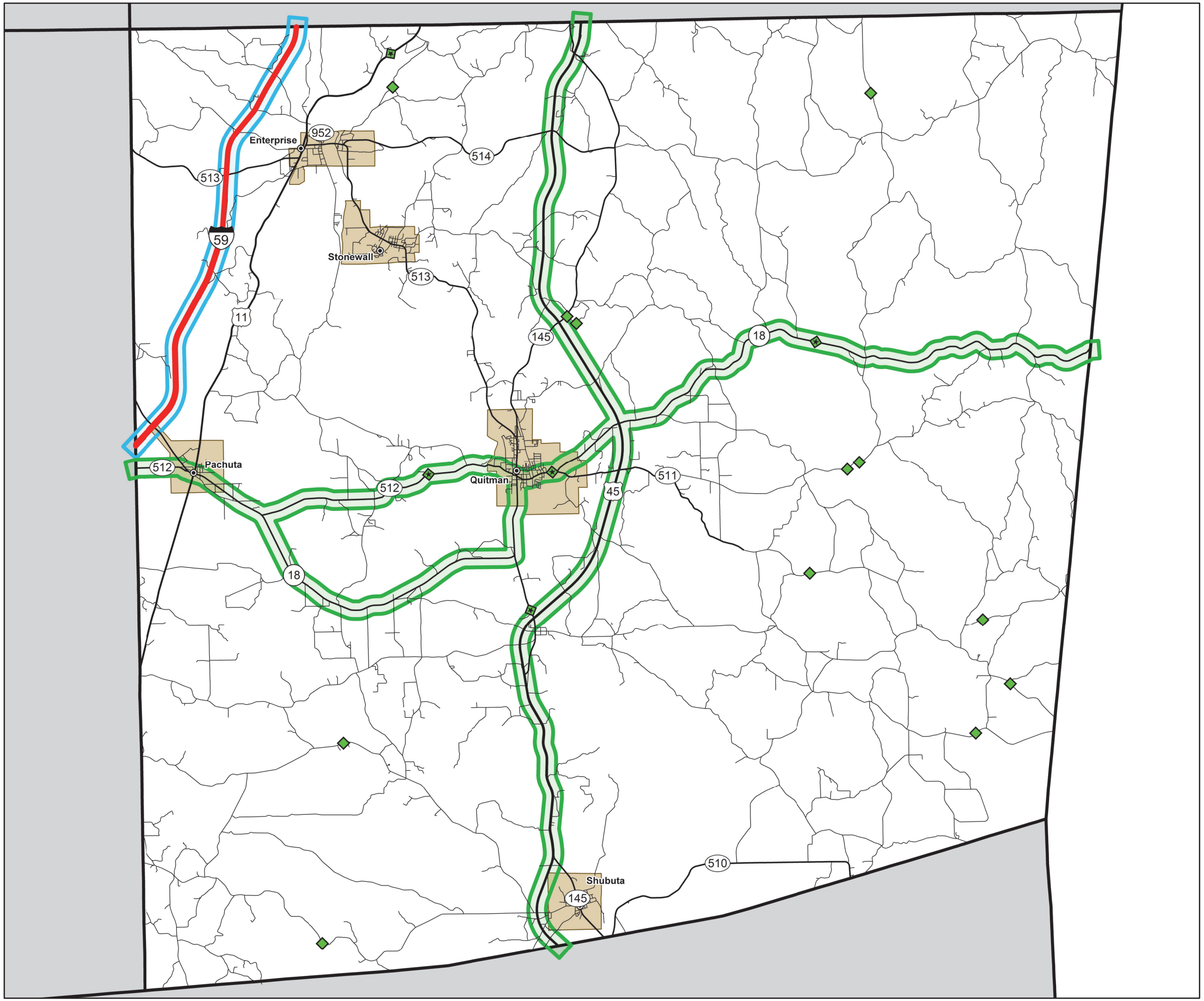
# Claiborne County

US 61 over Litttle Pierre

US 61 over Litttle Pierre

MS 547 over Willis Creek

MS 547 over Willis Creek




# CLARKE COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- KEY FREIGHT CORRIDOR

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $9,554,706 | $74,296,644 | $18,610,434 |

N

0 1 2 3 4 5

Miles

MDOT PLANNING DIVISION

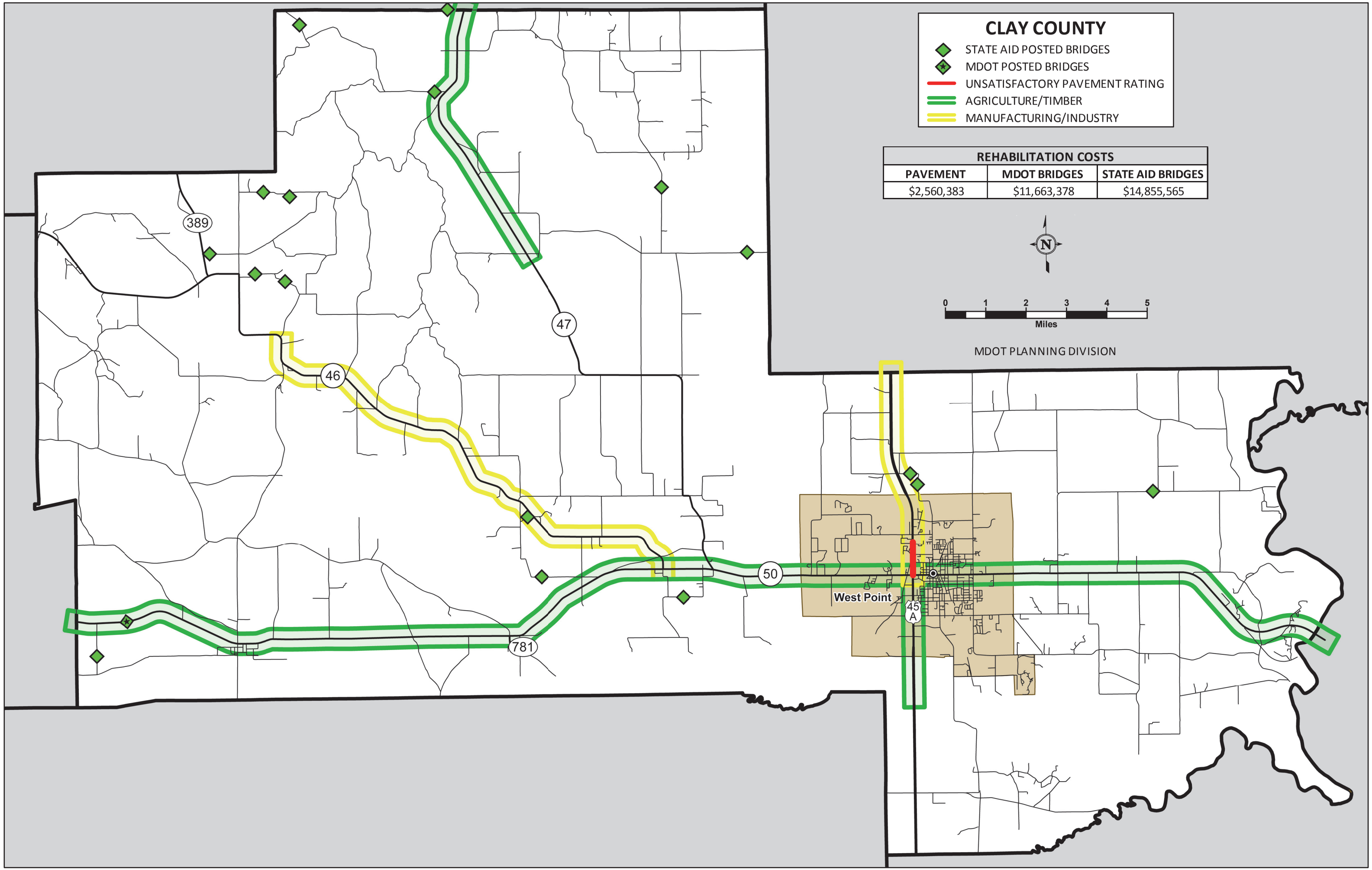
# Clarke County

MS 145 Relief

MS 145 Relief

US 11 over Stream

US 11 over Stream




| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $2,560,383 | $11,663,378 | $14,855,565 |

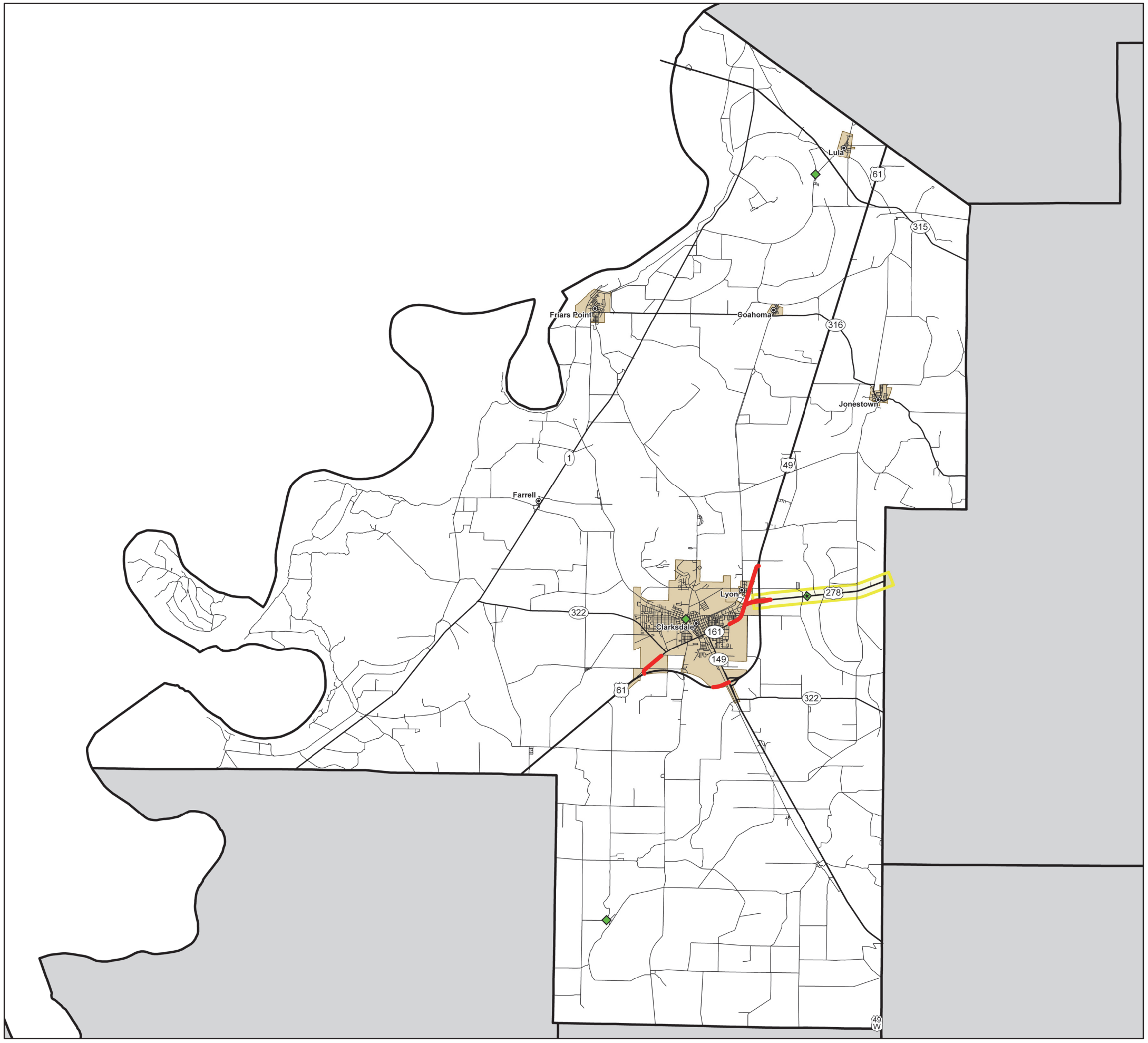
# Clay County

MS 50 over Bluff Creek

MS 50 over Bluff Creek

MS 50 over Chuquatonchee Relief

MS 50 over Chuquatonchee Relief




# COAHOMA COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- MANUFACTURING/INDUSTRY

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $2,084,720 | $22,644,192 | $10,842,545 |

N

0 1 2 3 4 5
Miles

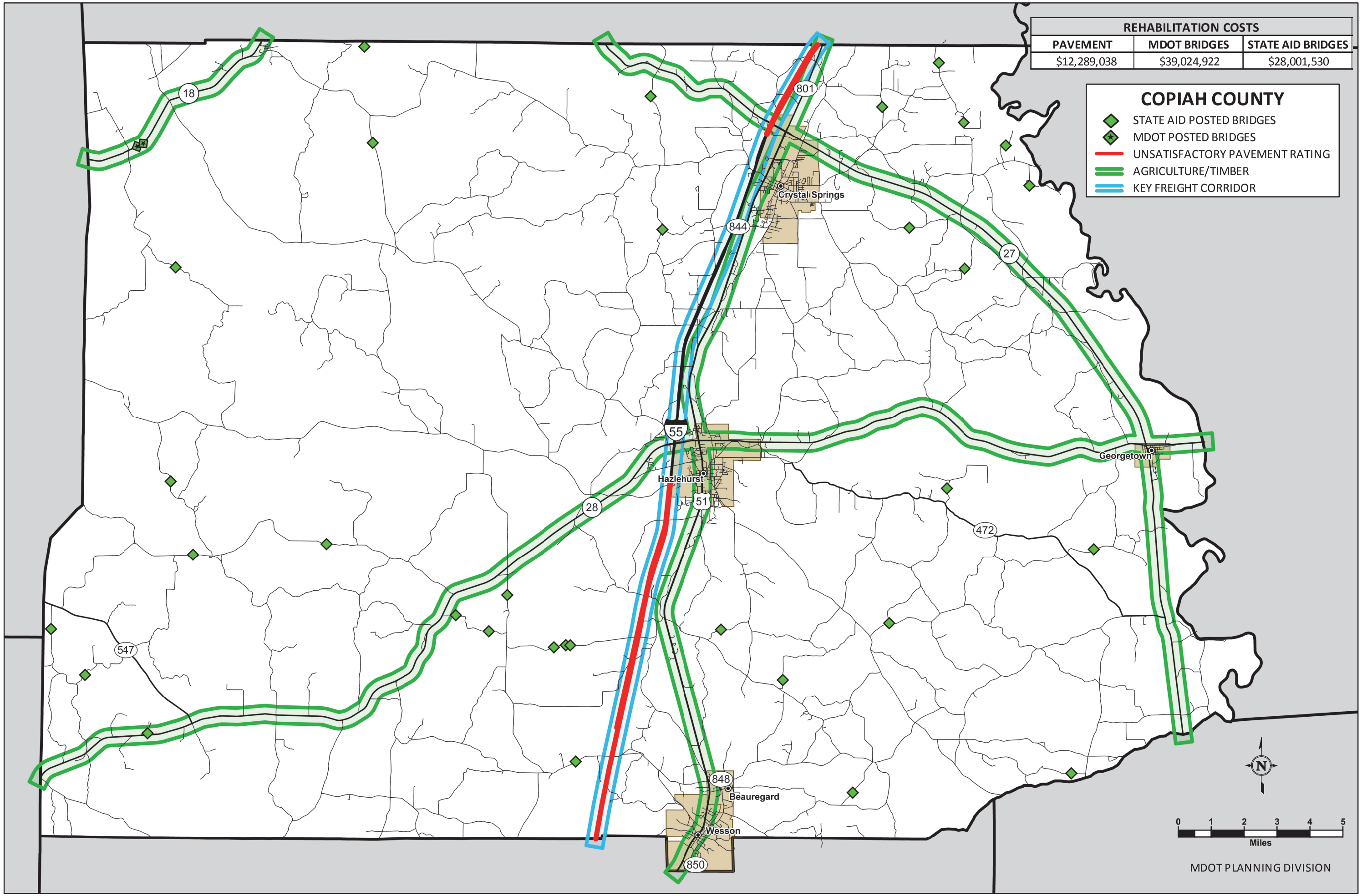
MDOT PLANNING DIVISION

# Coahoma County

US 278 over Cassidy Bayou Posted

US 278 over Cassidy Bayou Posted

US 278 over Cassidy Bayou Posted




| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $12,289,038 | $39,024,922 | $28,001,530 |

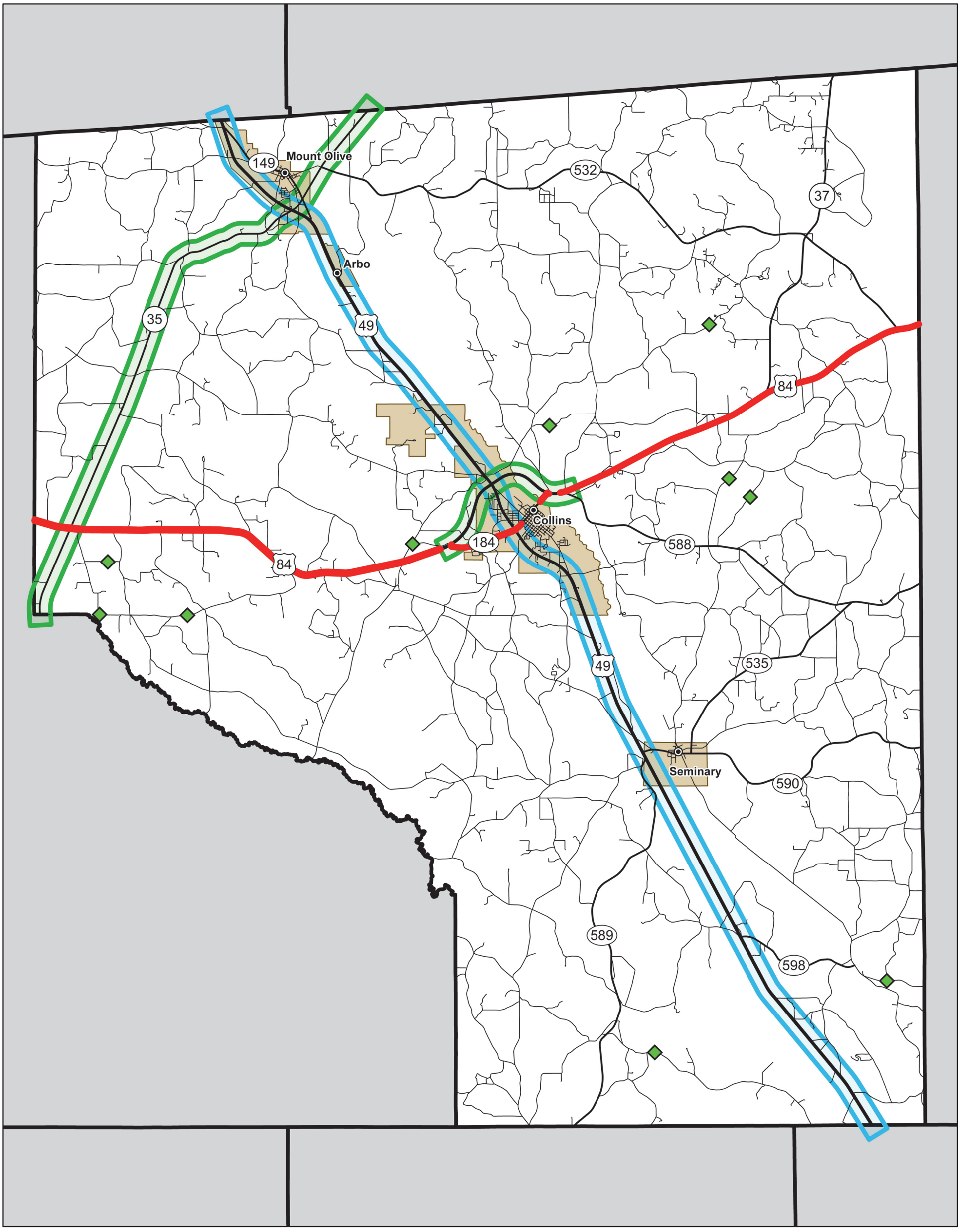
# Copiah County

MS 18 over Bayou Pierre

MS 18 over Bayou Pierre

MS 18 over Bayou Pierre Relief

MS 18 over Bayou Pierre Relief




## COVINGTON COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- KEY FREIGHT CORRIDOR

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $21,794,616 | $9,374,252 | $9,909,631 |

N

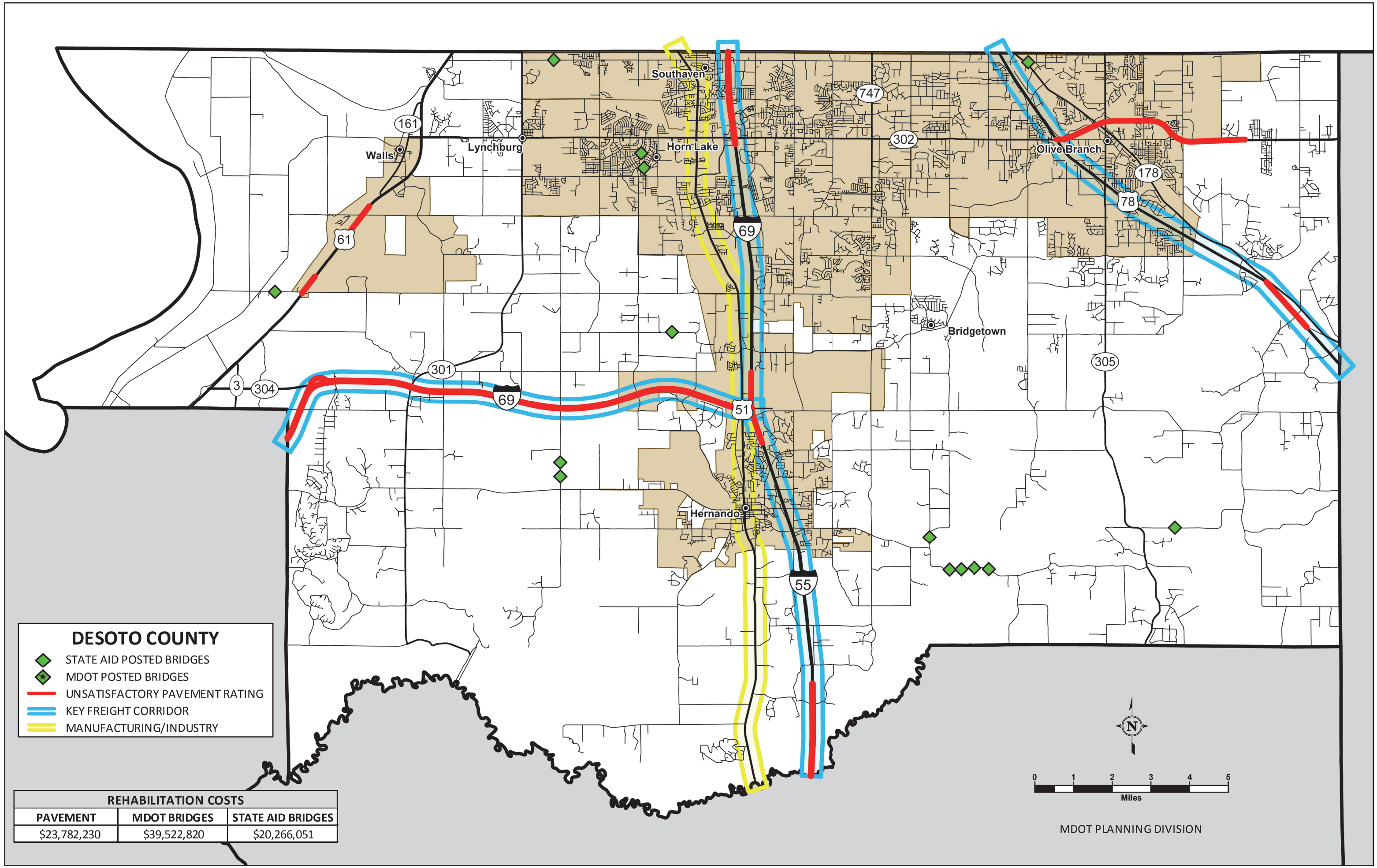
0 1 2 3 4 5

Miles

MDOT PLANNING DIVISION

MS 590 over Currey Creek Not Posted But Temp Shored

MS 590 over Currey Creek Not Posted But Temp Shored




| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $23,782,230 | $39,522,820 | $20,266,051 |

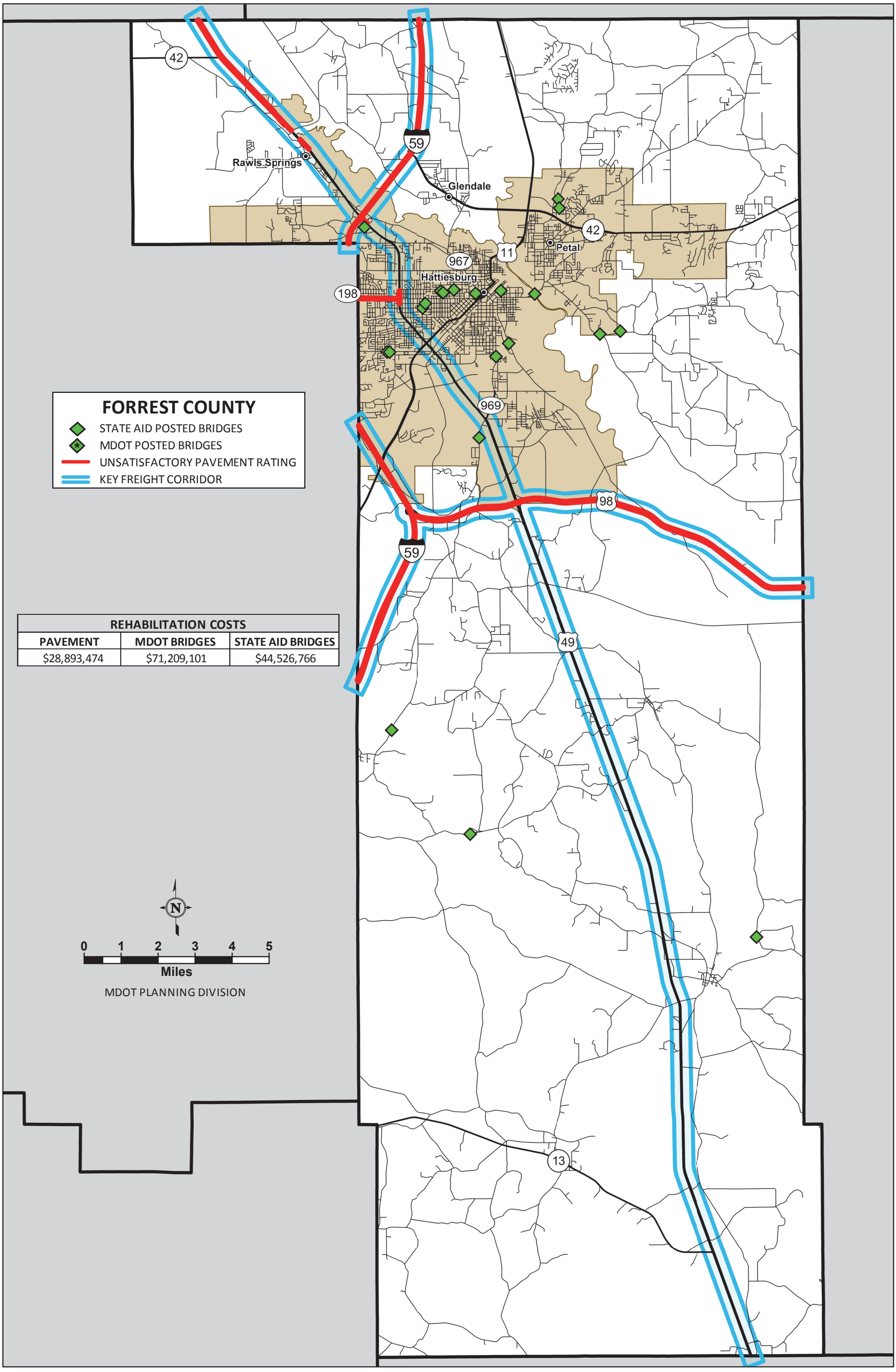
# Desoto County

US 51 over Stream Open

US 51 over Stream Open

US 51 over Hurricane Creek Open

US 51 over Hurricane Creek Open




| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $28,893,474 | $71,209,101 | $44,526,766 |

# Forrest County

US 11 over Greene Creek

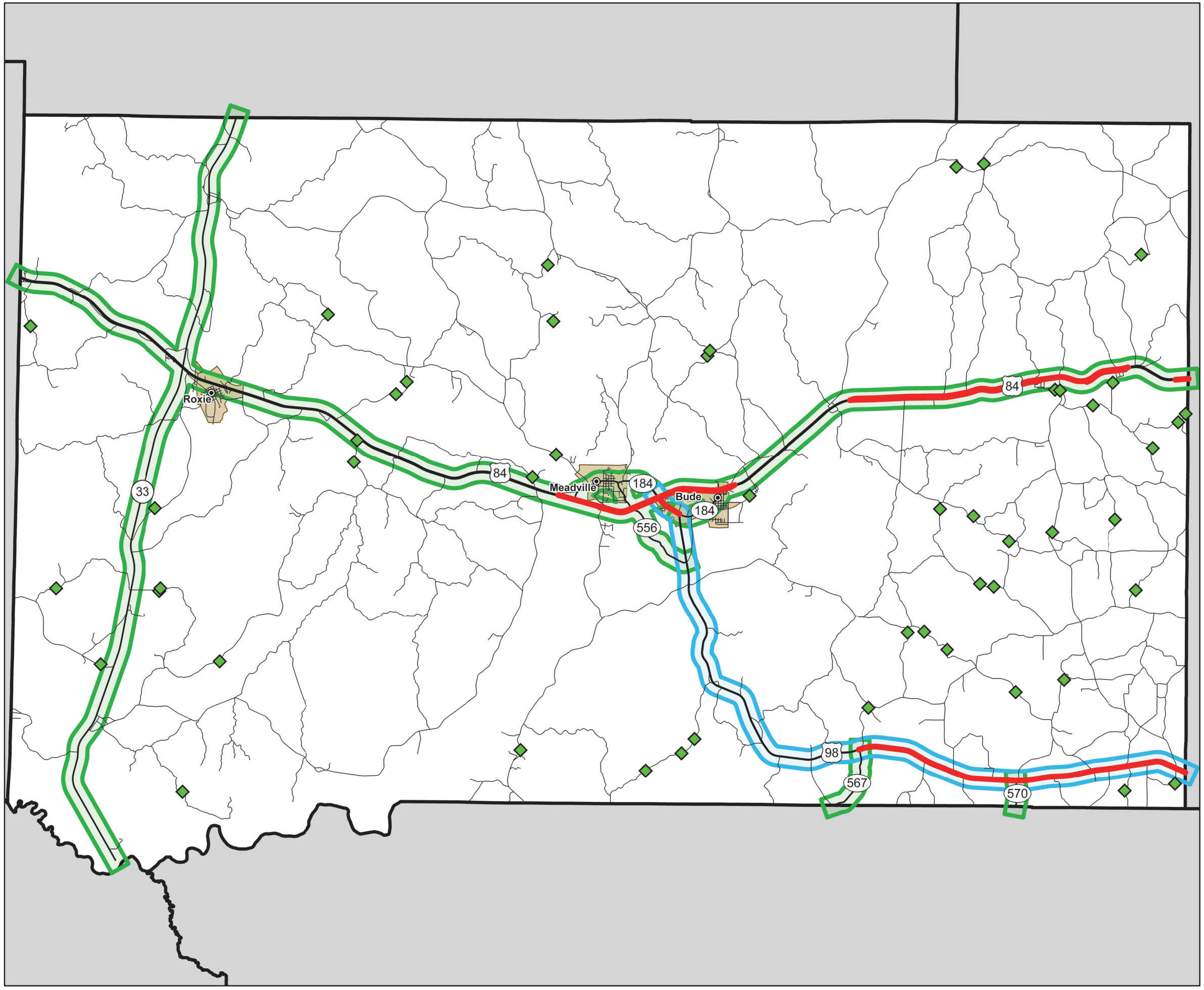
US 11 over Greene Creek

US 49 over Walls Creek

US 49 over Walls Creek

# FRANKLIN COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- KEY FREIGHT CORRIDOR




| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $9,637,506 | $12,916,196 | $57,256,967 |

N

0 1 2 3 4 5

Miles

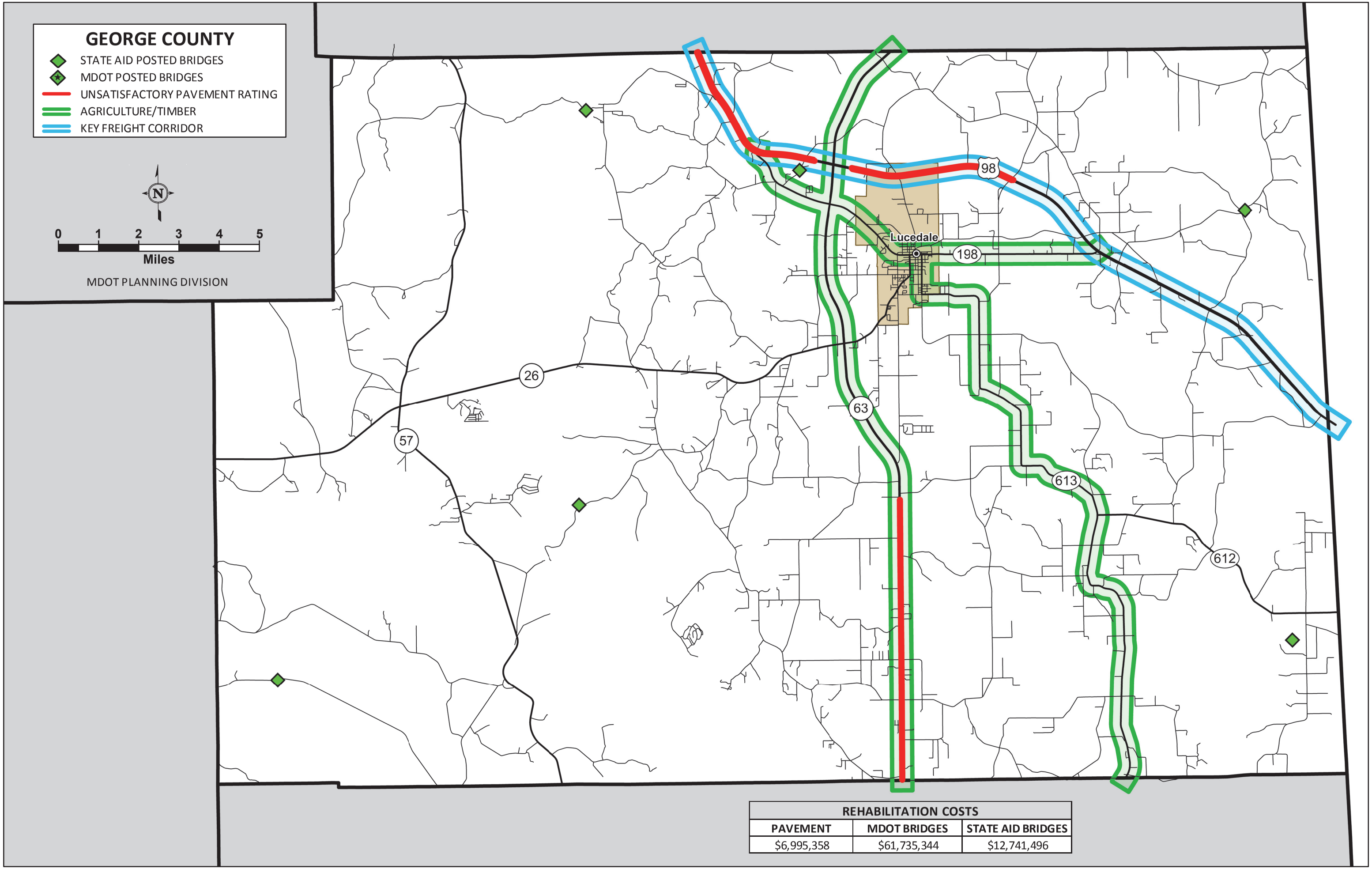
MDOT PLANNING DIVISION

# Franklin County

MS 33 over Dry Creek Not Posted

MS 33 over Wells Creek Not Posted

MS 33 over Wells Creek Not Posted




| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $6,995,358 | $61,735,344 | $12,741,496 |

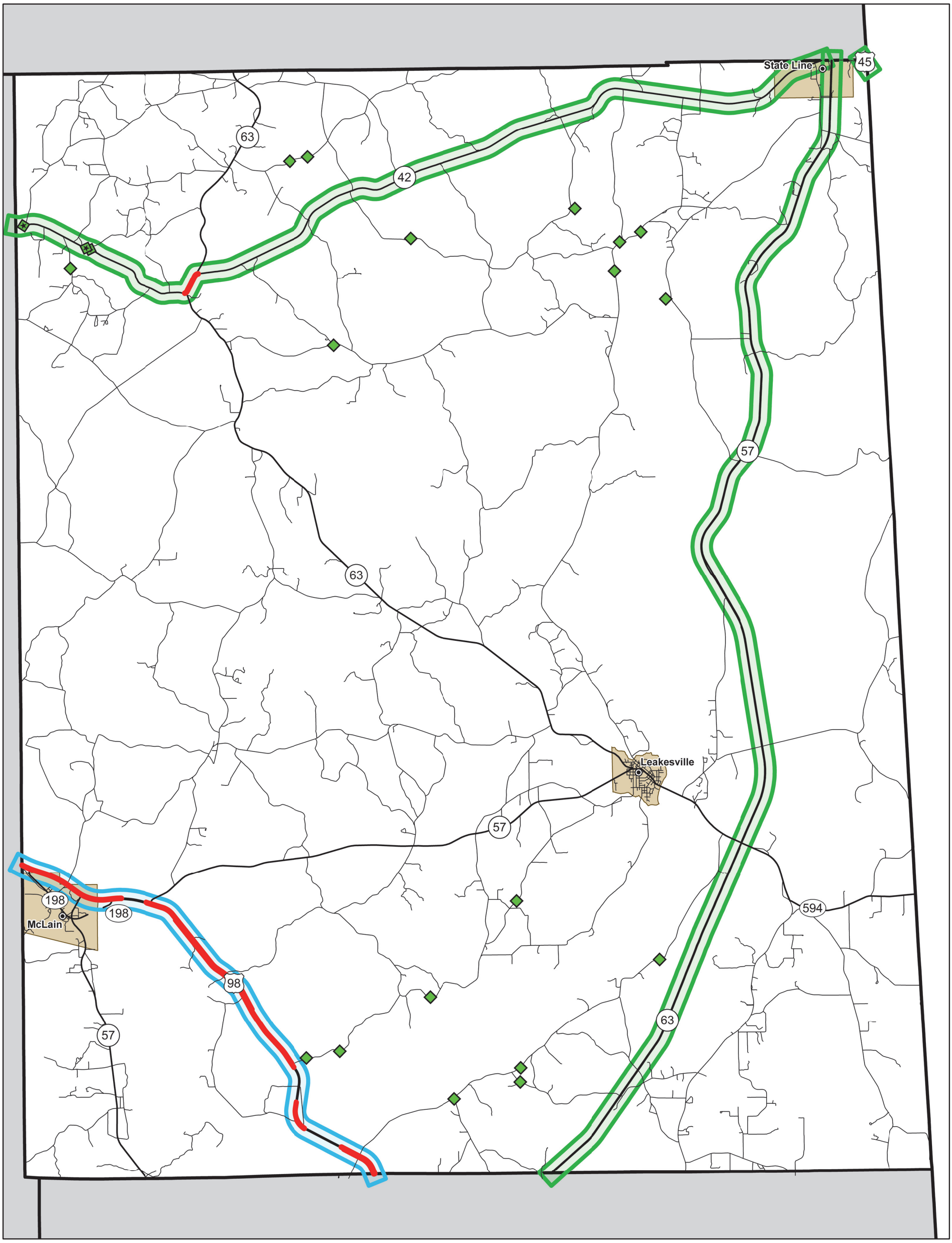
# George County

MS 26 over Pascagoula River

MS 26 over Pascagoula River

MS 198 over Rocky Creek

MS 198 over Rocky Creek




## GREENE COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- KEY FREIGHT CORRIDOR

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $5,295,336 | $5,829,643 | $17,405,862 |

N

0 1 2 3 4 5

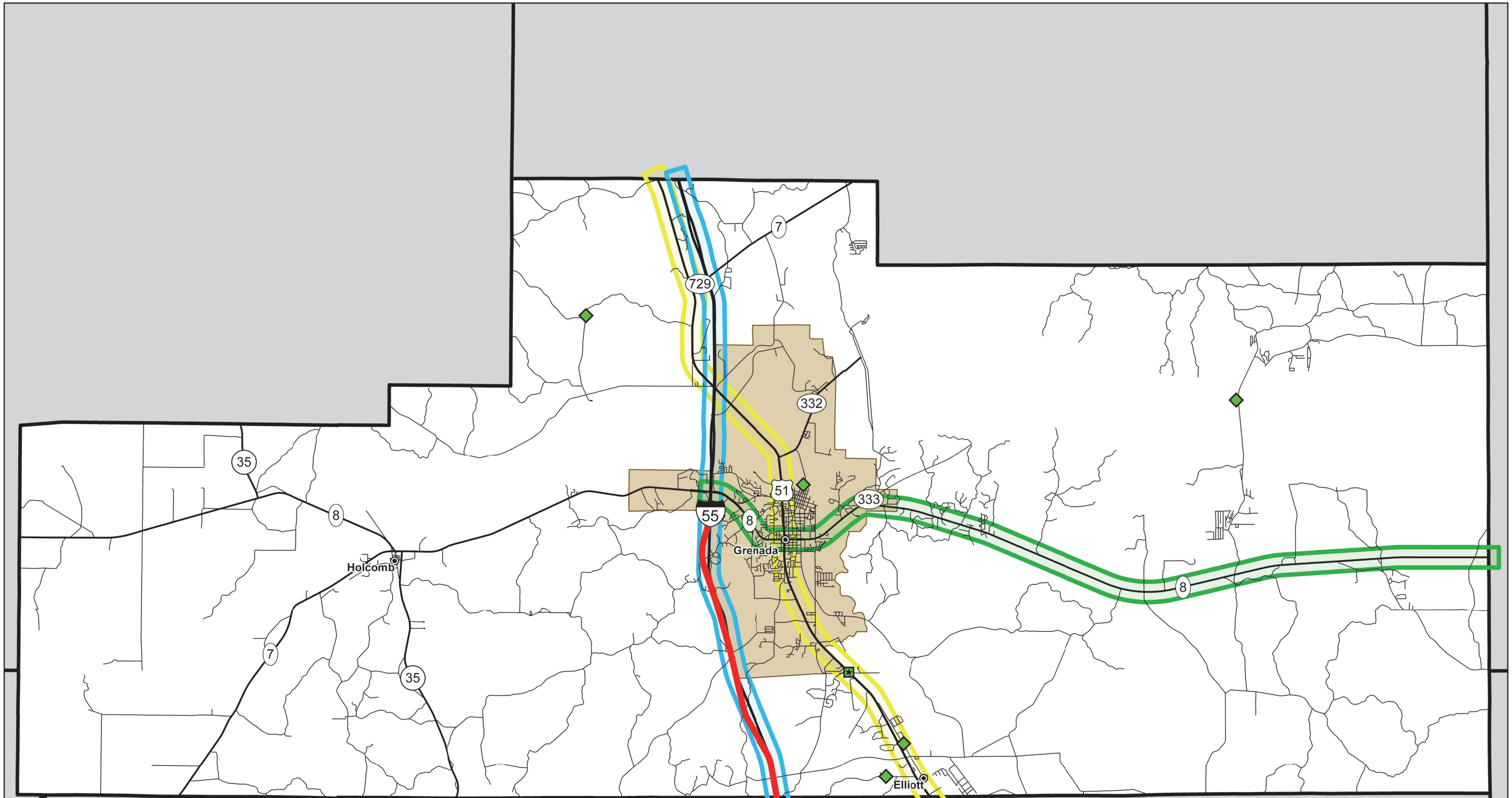
Miles

MDOT PLANNING DIVISION

# Greene County

MS 42 over Piney Woods Creek

MS 42 over Sand Hill Creek




| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $3,549,567 | $60,001,718 | $12,490,495 |

## GRENADA COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- KEY FREIGHT CORRIDOR
- MANUFACTURING/INDUSTRY

N

0 1 2 3 4 5
Miles

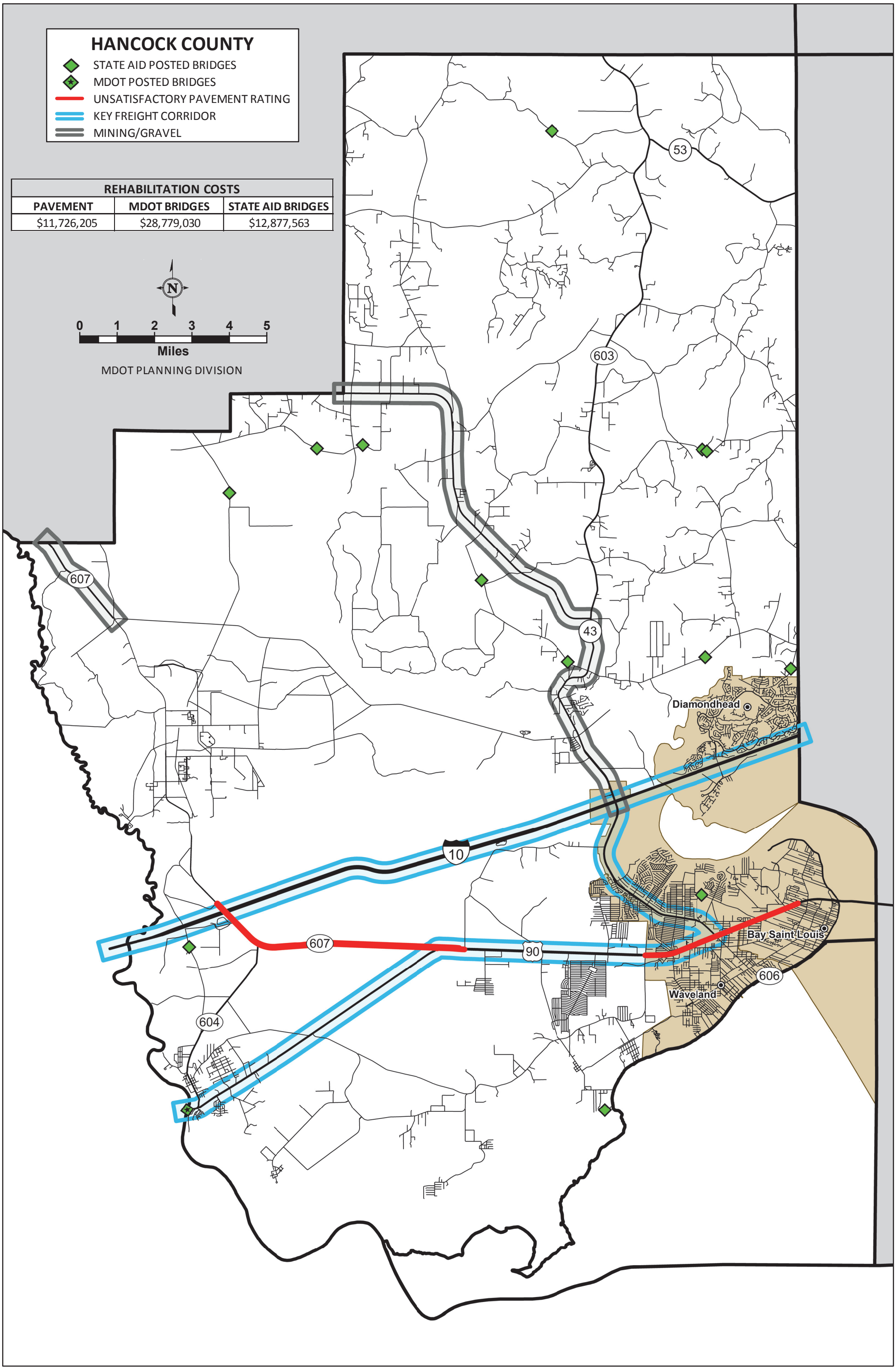
MDOT PLANNING DIVISION

# Grenada County

US 51 over Jackson Creek Posted

US 51 over Jackson Creek Posted

US 51 over Jackson Creek Posted




| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $11,726,205 | $28,779,030 | $12,877,563 |

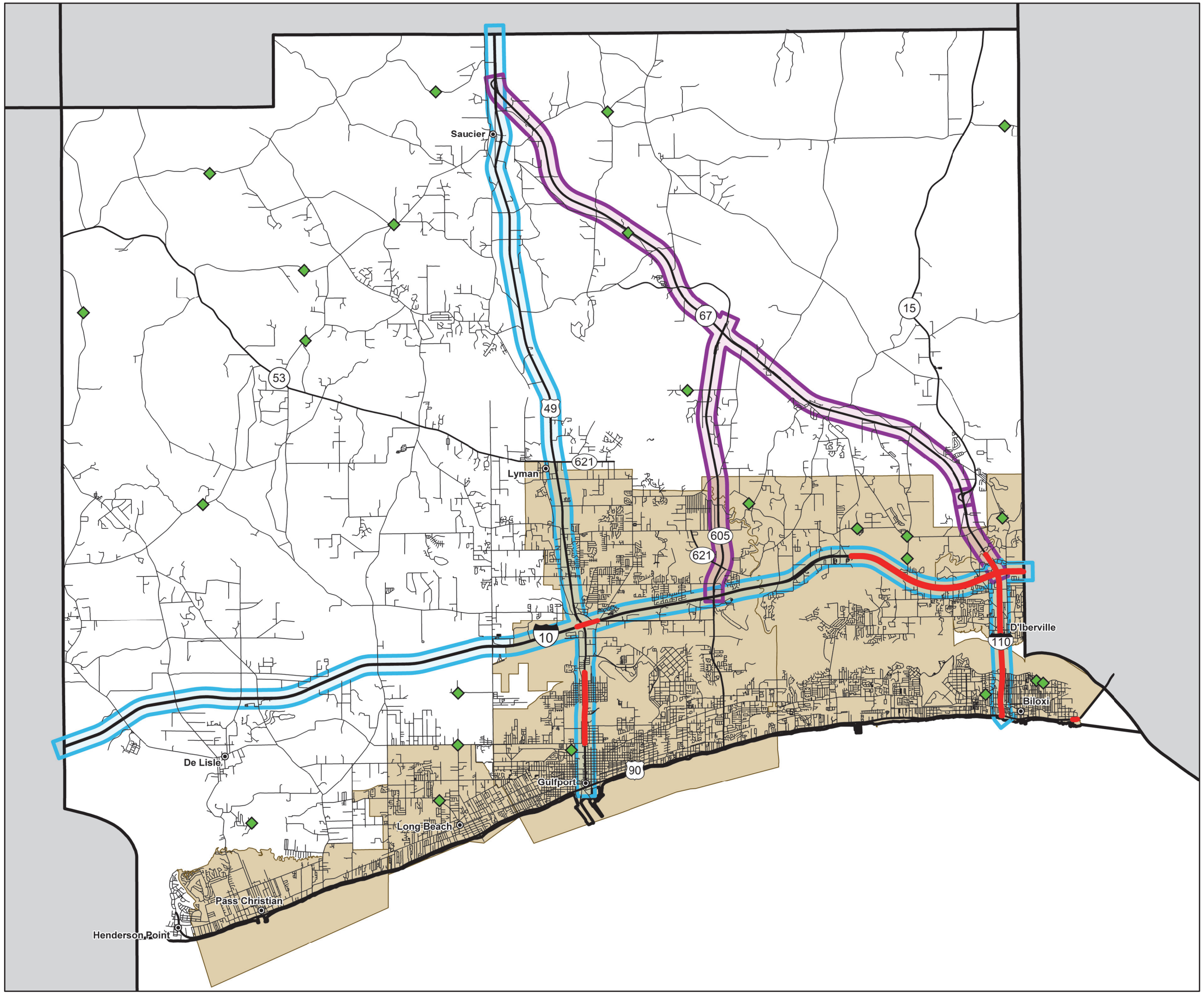
# Hancock County

MS 603 over Bayou Bacon

MS 603 over Cypress Creek

# HARRISON COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- KEY FREIGHT CORRIDOR
- WAREHOUSING




| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $28,885,712 | $35,855,972 | $42,585,856 |

N

0 1 2 3 4 5

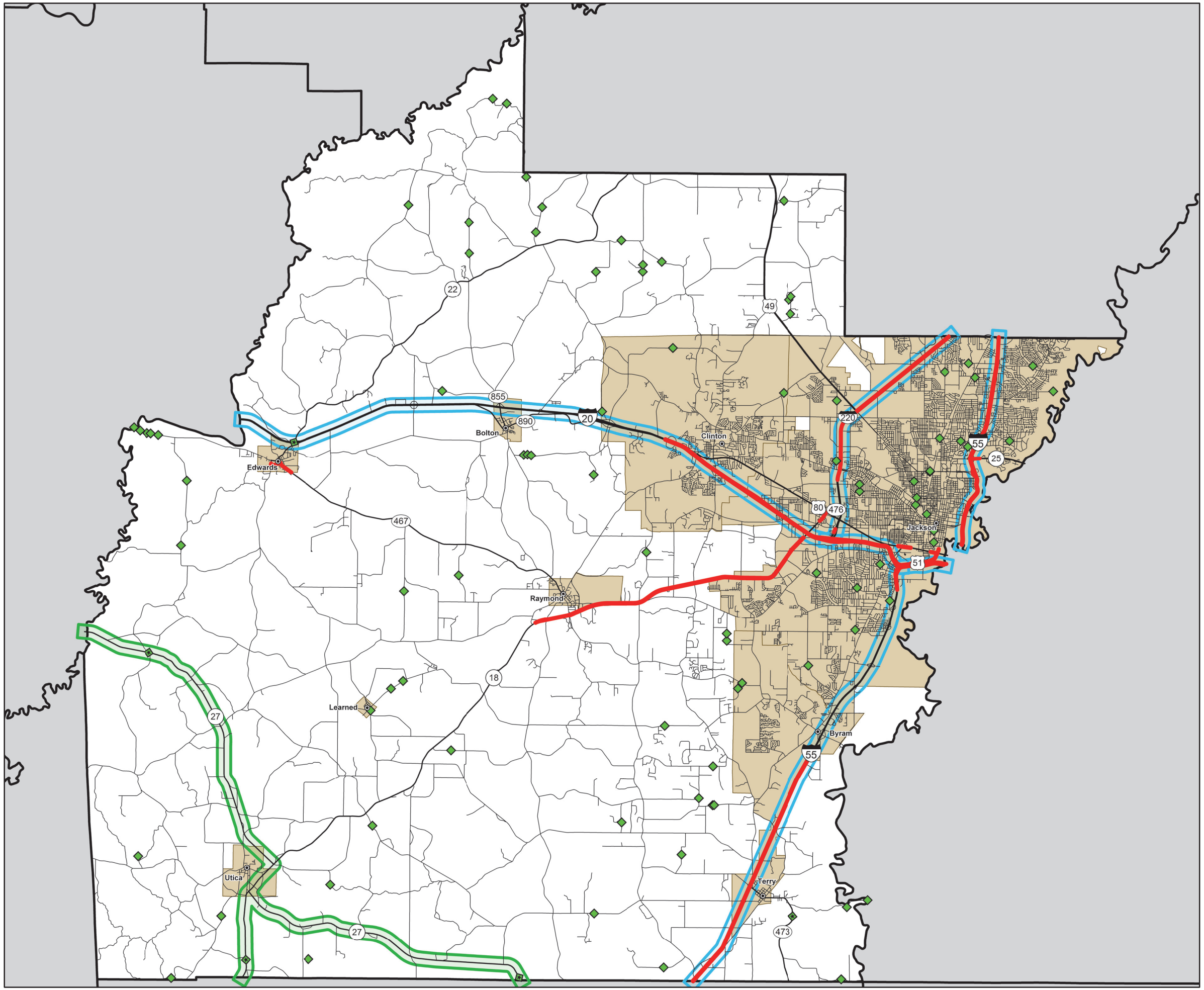
Miles

MDOT PLANNING DIVISION

# Harrison County

US 49 over Big Biloxi River

US 49 over Flat Branch




# HINDS COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- KEY FREIGHT CORRIDOR

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $65,859,143 | $163,515,035 | $117,907,066 |

N

0 1 2 3 4 5

Miles

MDOT PLANNING DIVISION

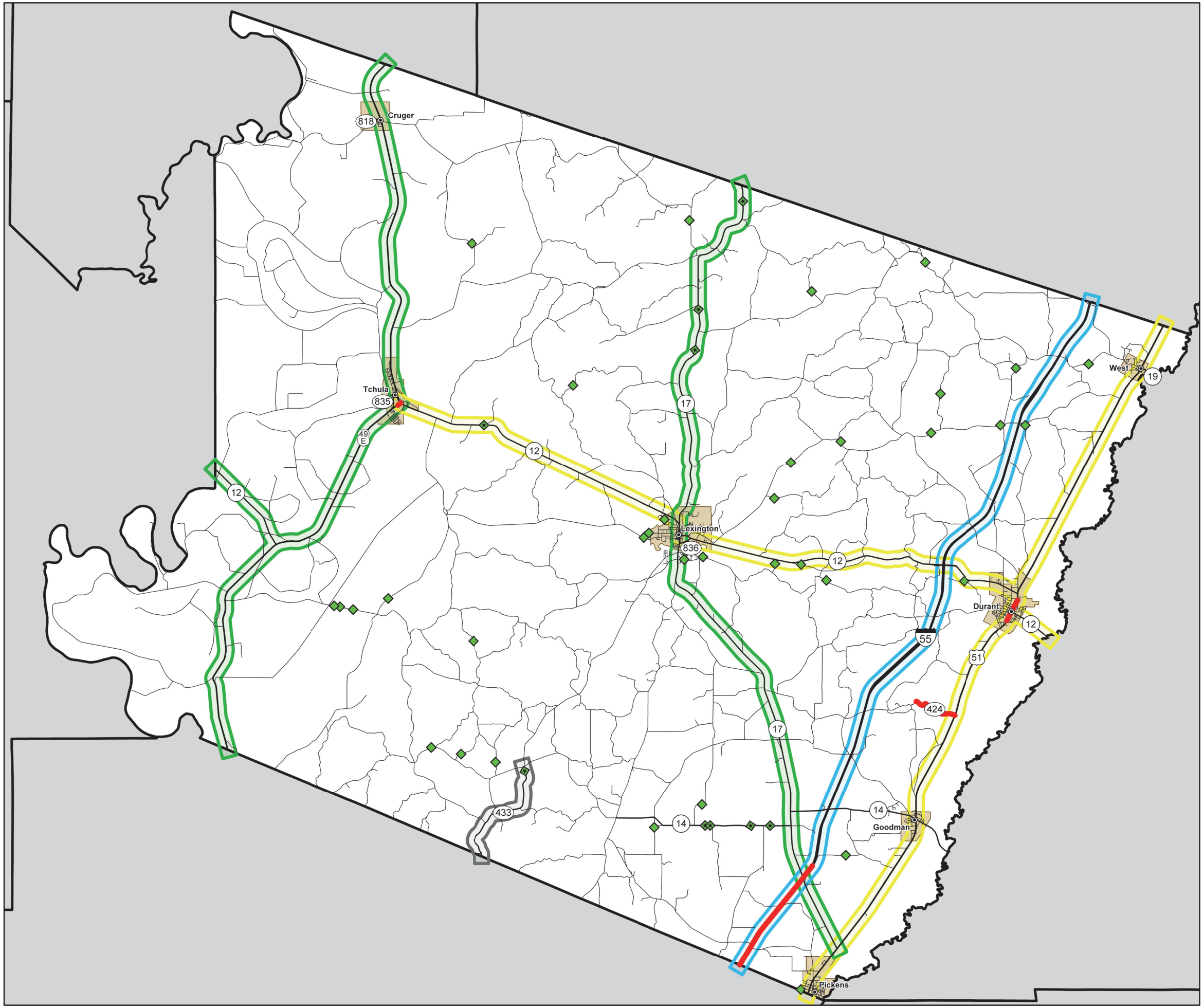
# Hinds County

MS18 over White Oak Creek Posted

MS 18 over White Oak Creek Posted

MS 18 over White Oak Creek Posted

MS 473 over Vaughn Creek Posted




# HOLMES COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- KEY FREIGHT CORRIDOR
- MANUFACTURING/INDUSTRY
- MINING/GRAVEL

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $3,511,433 | $14,223,501 | $48,853,514 |

N

0 1 2 3 4 5
Miles

MDOT PLANNING DIVISION

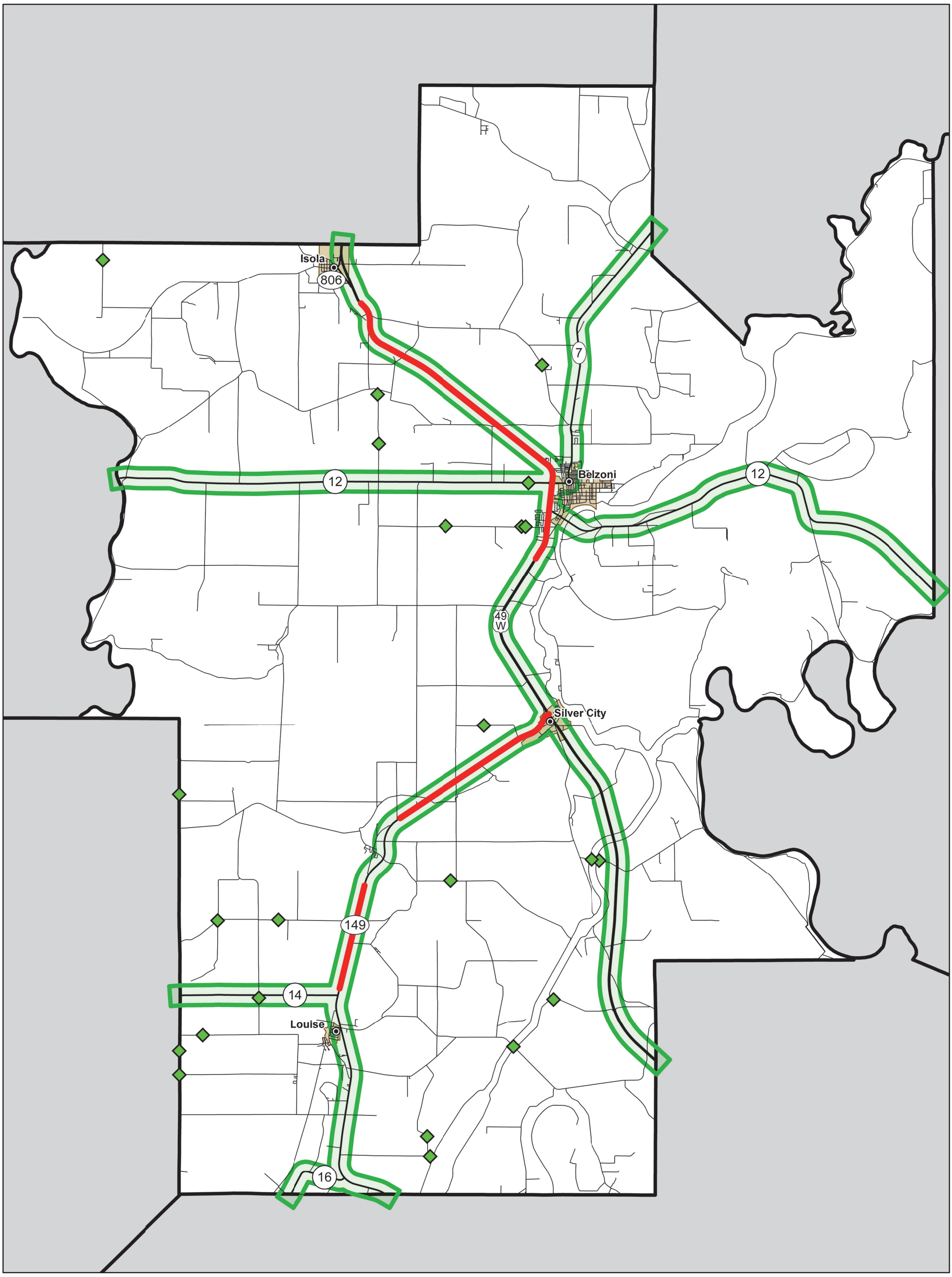
# Holmes County

MS 12 (A) over Fannegusha Creek

MS 12 (B) over Fannegusha Creek

MS 14 (A) over Cypress Creek Relief

MS 14 (B) over Cypress Creek Relief




## HUMPHREYS COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $4,892,123 | | $20,845,918 |

N

0 1 2 3 4 5
Miles

MDOT PLANNING DIVISION

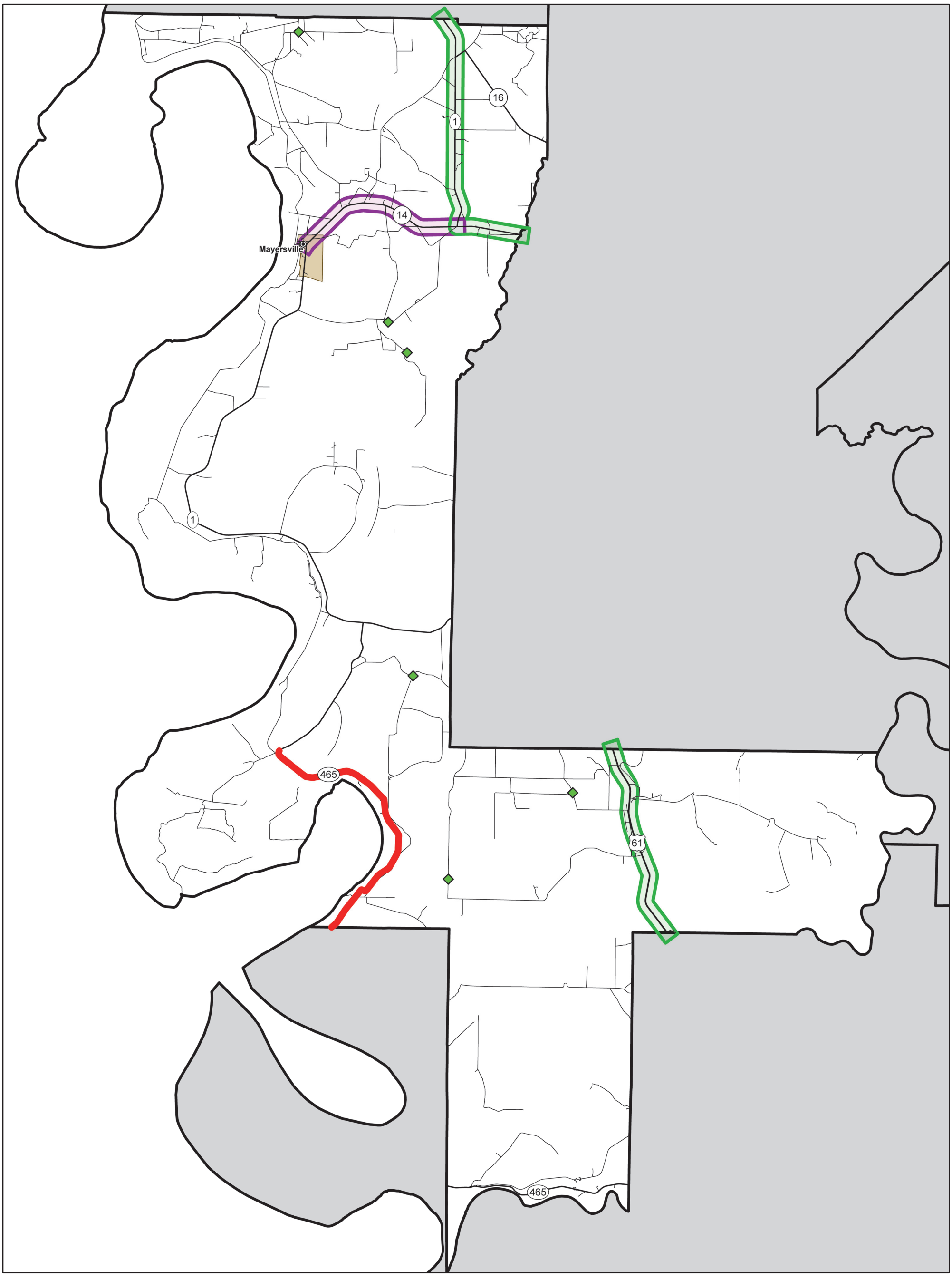
# Humphreys County

MS 12 (A) over Yazoo River

MS 12 (B) over Yazoo River

MS 7 (A) over Bear Lake

MS 7 (B) over Bear Lake




## ISSAQUENA COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- WAREHOUSING

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $1,090,890 | | $8,159,561 |

N

0 1 2 3 4 5
Miles

MDOT PLANNING DIVISION

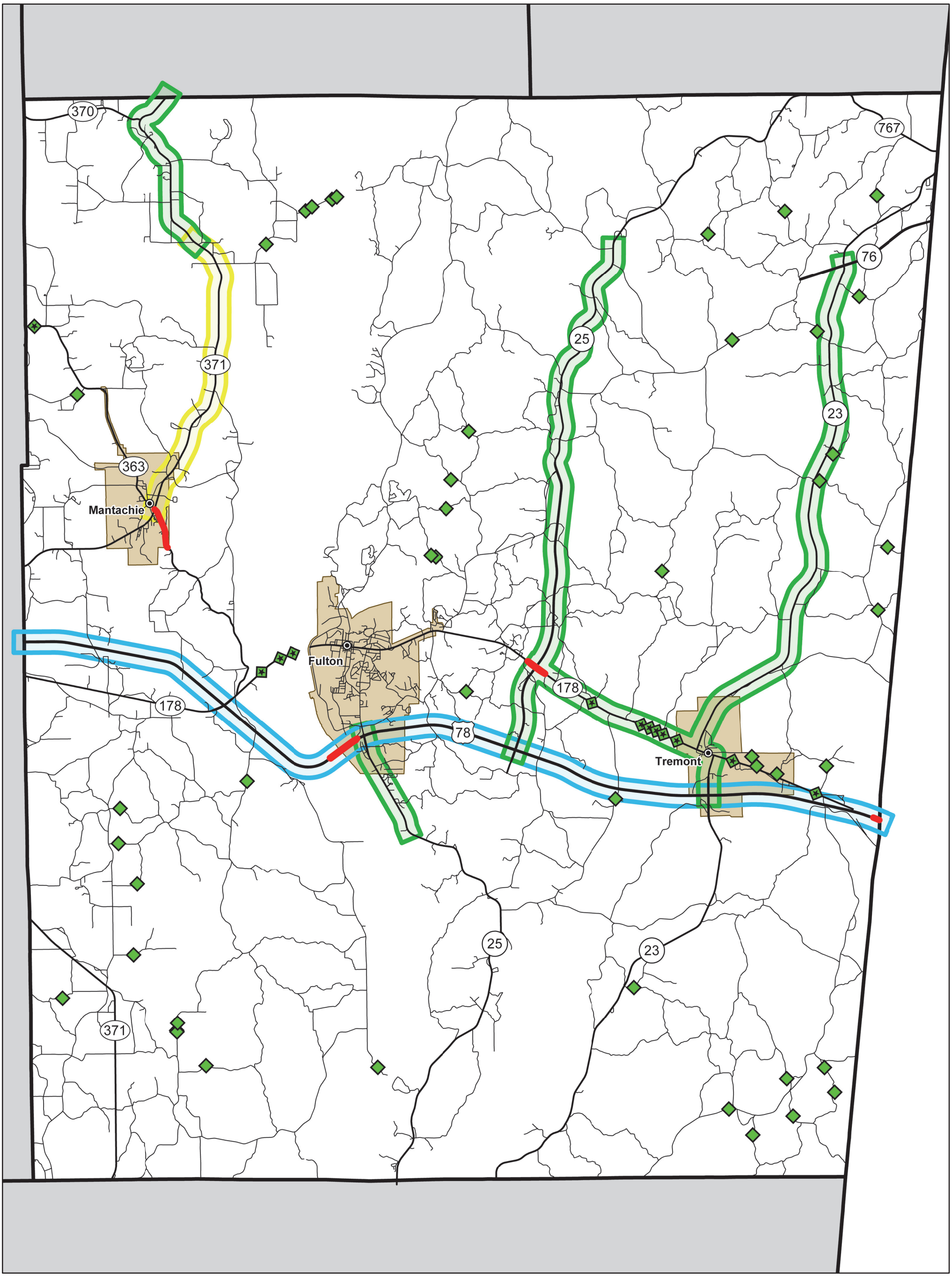
# Issaquena County

MS 465 (A) over Steel Bayou

MS 465 (B) over Steel Bayou

MS 465 (A) over Relief

MS 465 (B) over Relief




## ITAWAMBA COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- KEY FREIGHT CORRIDOR
- MANUFACTURING/INDUSTRY

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $4,408,364 | $40,360,597 | $31,433,579 |

N

0 1 2 3 4 5
Miles

MDOT PLANNING DIVISION

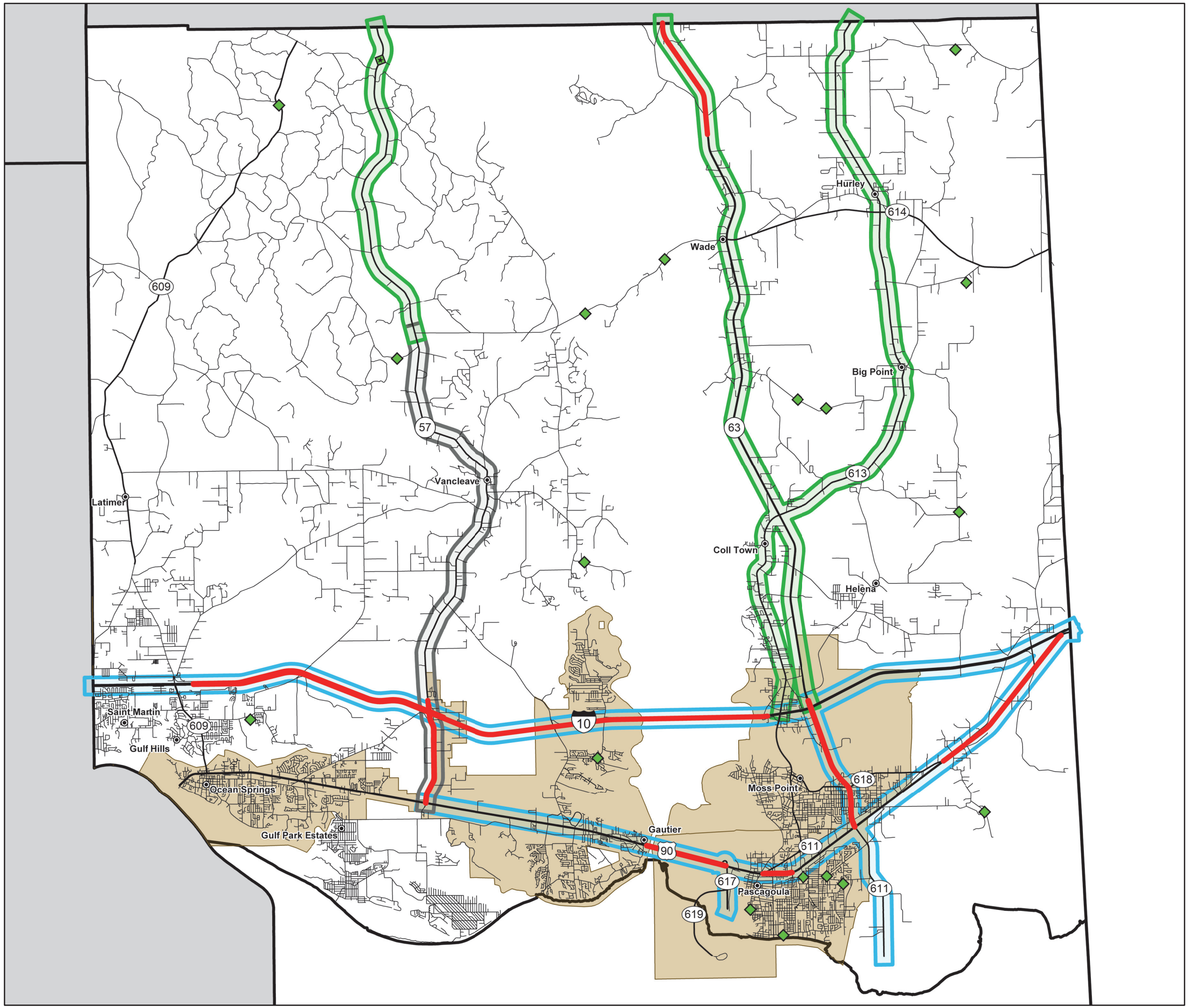
# Itawamba County

MS 178 over Cypress Creek

MS 178 over Cypress Creek

MS 178 over Stream

MS 178 over Stream




# JACKSON COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- KEY FREIGHT CORRIDOR
- MINING/GRAVEL

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $36,182,151 | $27,734,837 | $24,423,074 |

N

0 1 2 3 4 5

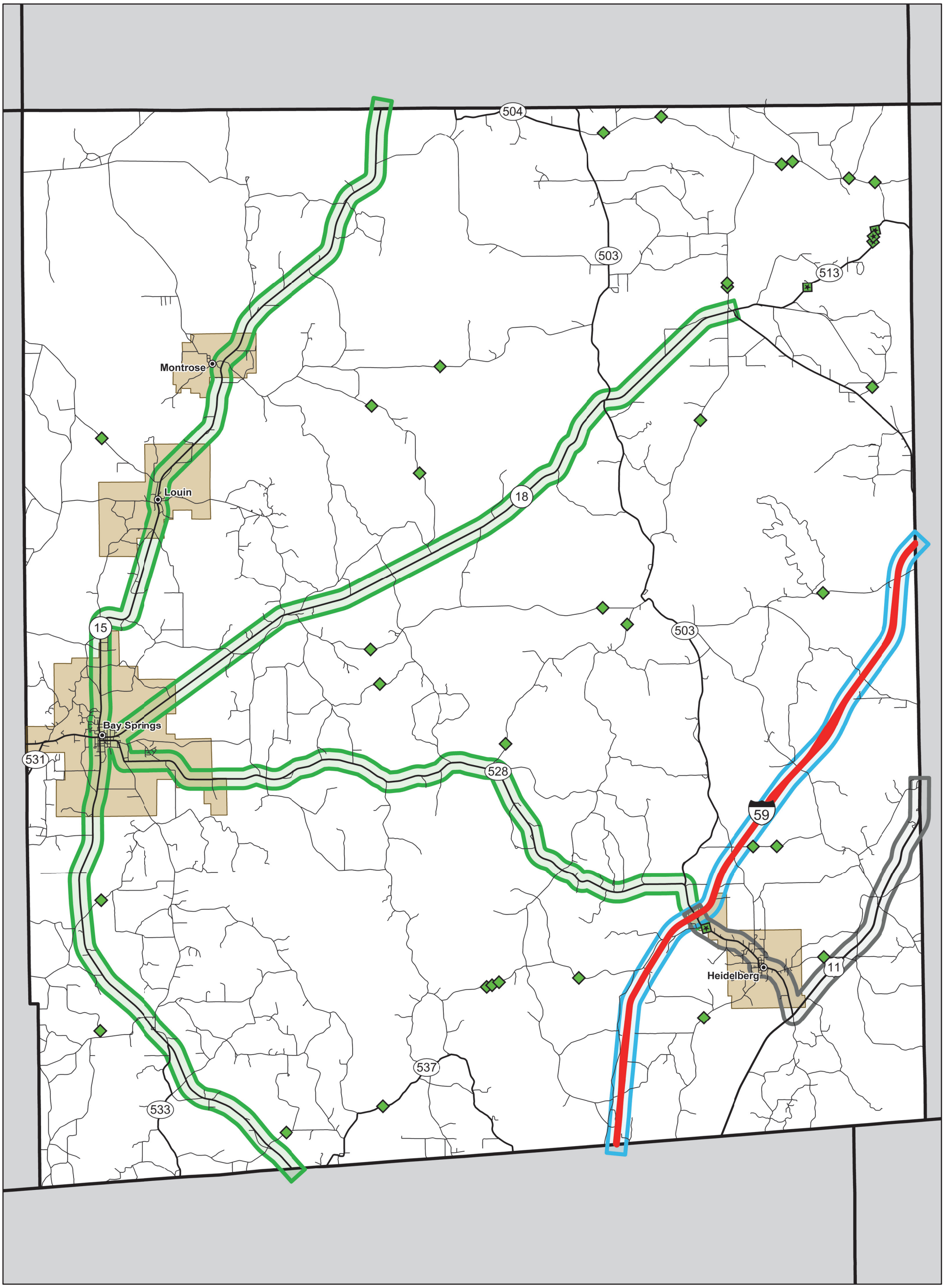
Miles

MDOT PLANNING DIVISION

# Jackson County

MS 57 over Red Creek

MS 613 over Black Creek




## JASPER COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- KEY FREIGHT CORRIDOR
- MINING/GRAVEL

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $18,193,161 | $15,801,393 | $38,640,267 |

N

0 1 2 3 4 5

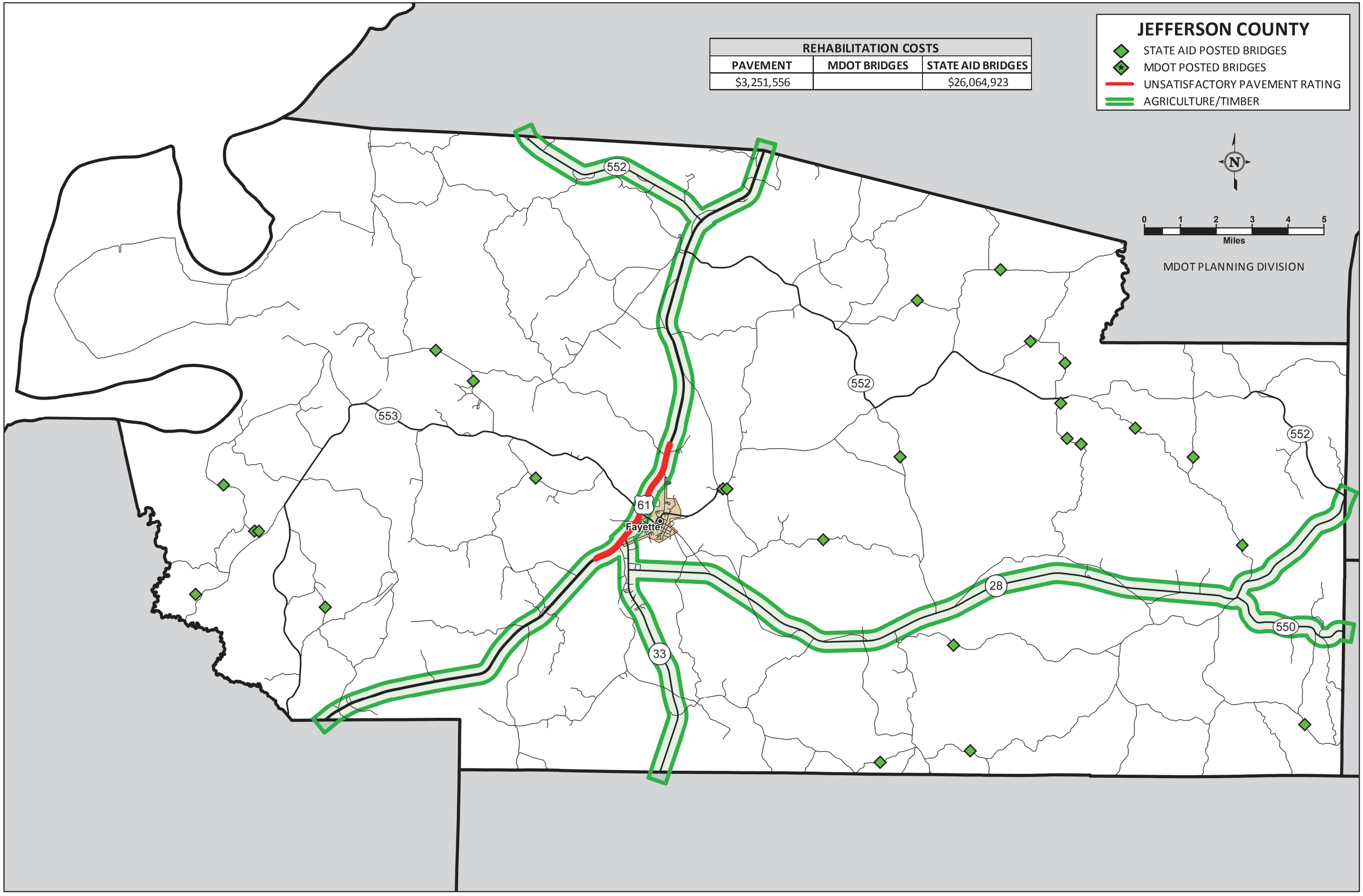
Miles

MDOT PLANNING DIVISION

# Jasper County

MS 513 over Algood Creek

MS 528 over Bogue Homa Creek




| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $3,251,556 | | $26,064,923 |

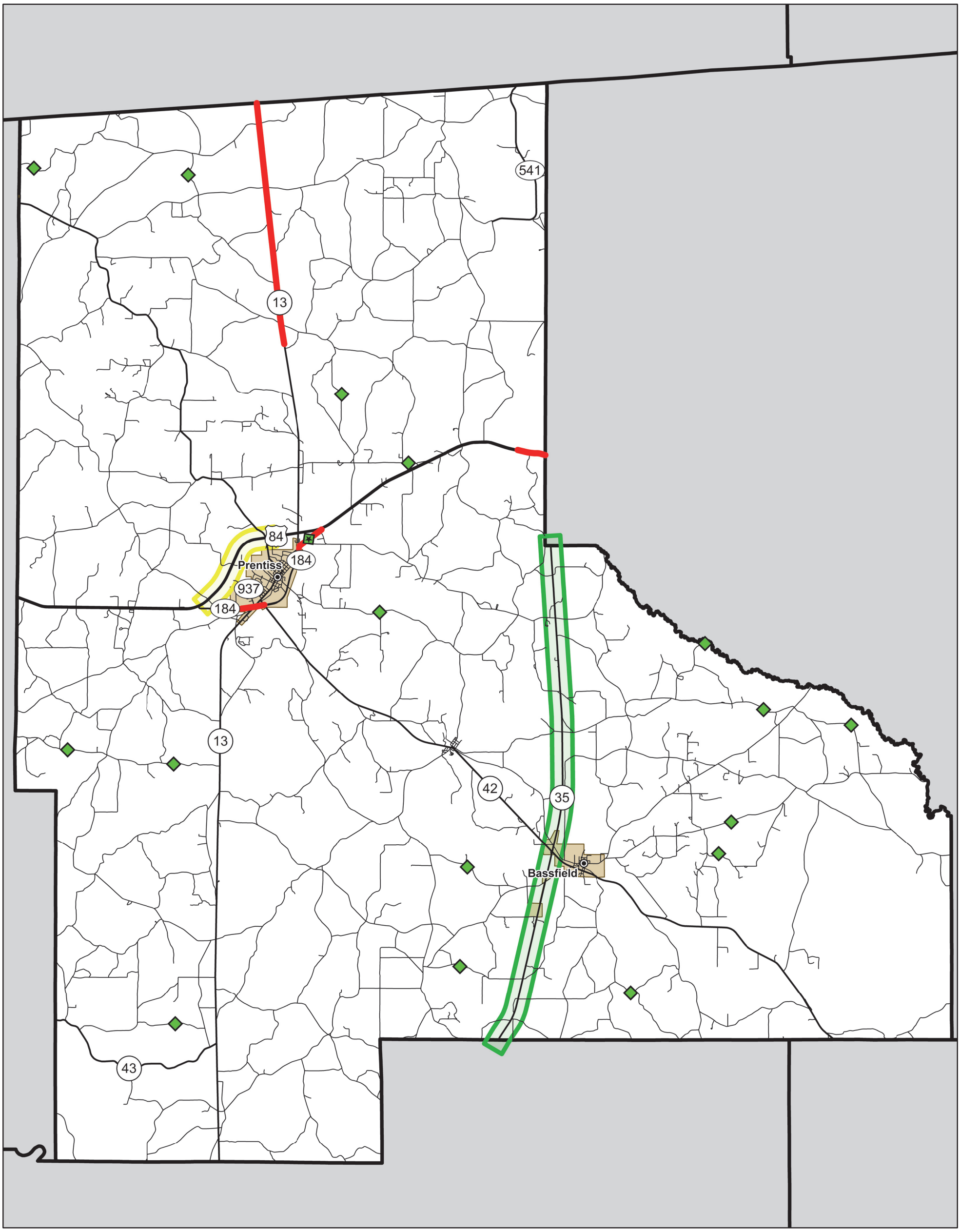
# Jefferson County

MS 28 (A) over abandon RR

MS 28 (B) over abandon RR

MS 28 (A) over Boles Creek

MS 28 (B) over Boles Creek




## JEFFERSON DAVIS COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- MANUFACTURING/INDUSTRY

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $1,919,488 | $3,273,266 | $11,708,966 |

N

0 1 2 3 4 5

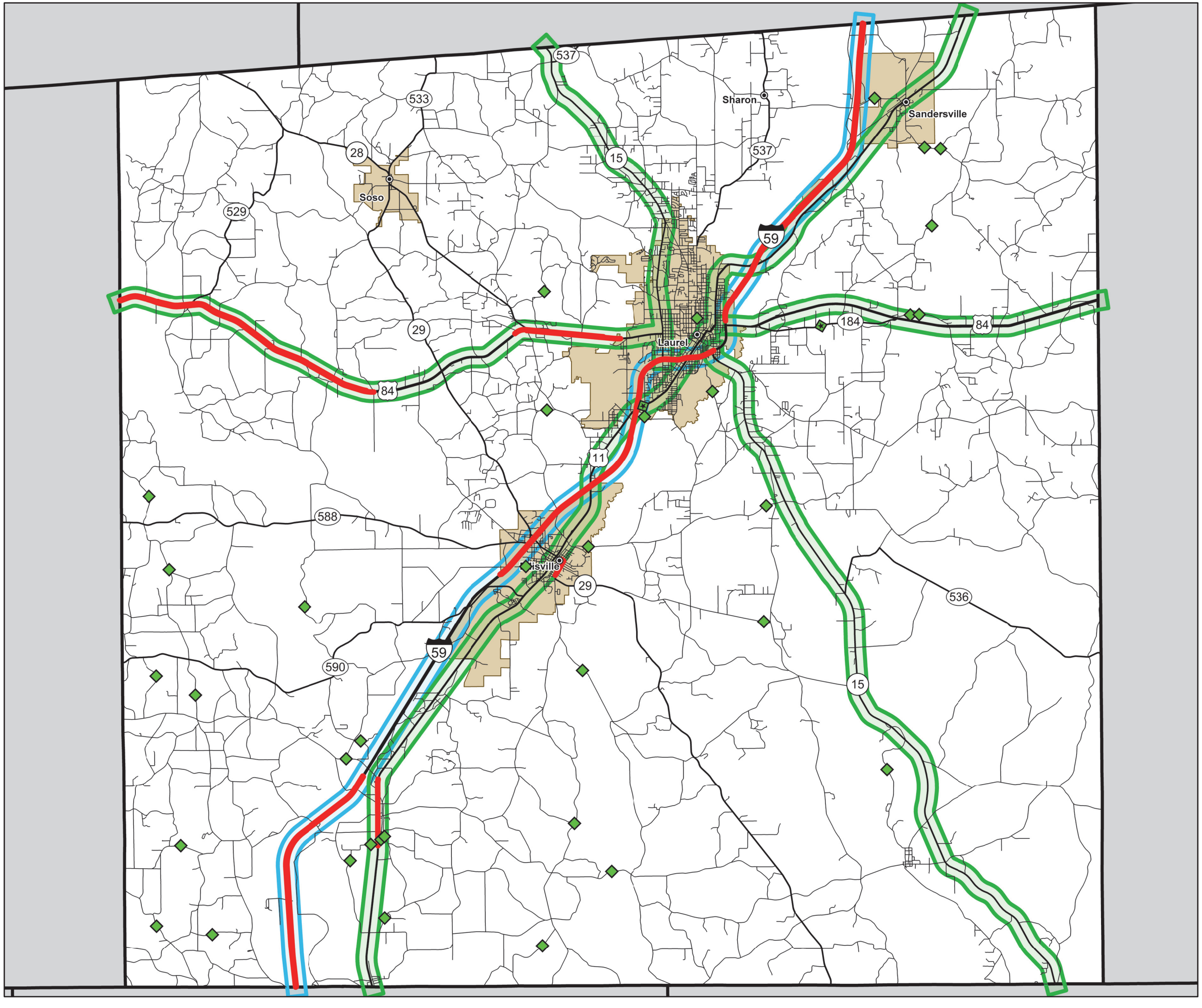
Miles

MDOT PLANNING DIVISION

# Jefferson Davis County

MS 184 over White Sand Creek Posted

MS 194 over White Sand Creek Posted




# JONES COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- KEY FREIGHT CORRIDOR

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $32,953,388 | $88,068,549 | $50,627,331 |

N

0 1 2 3 4 5

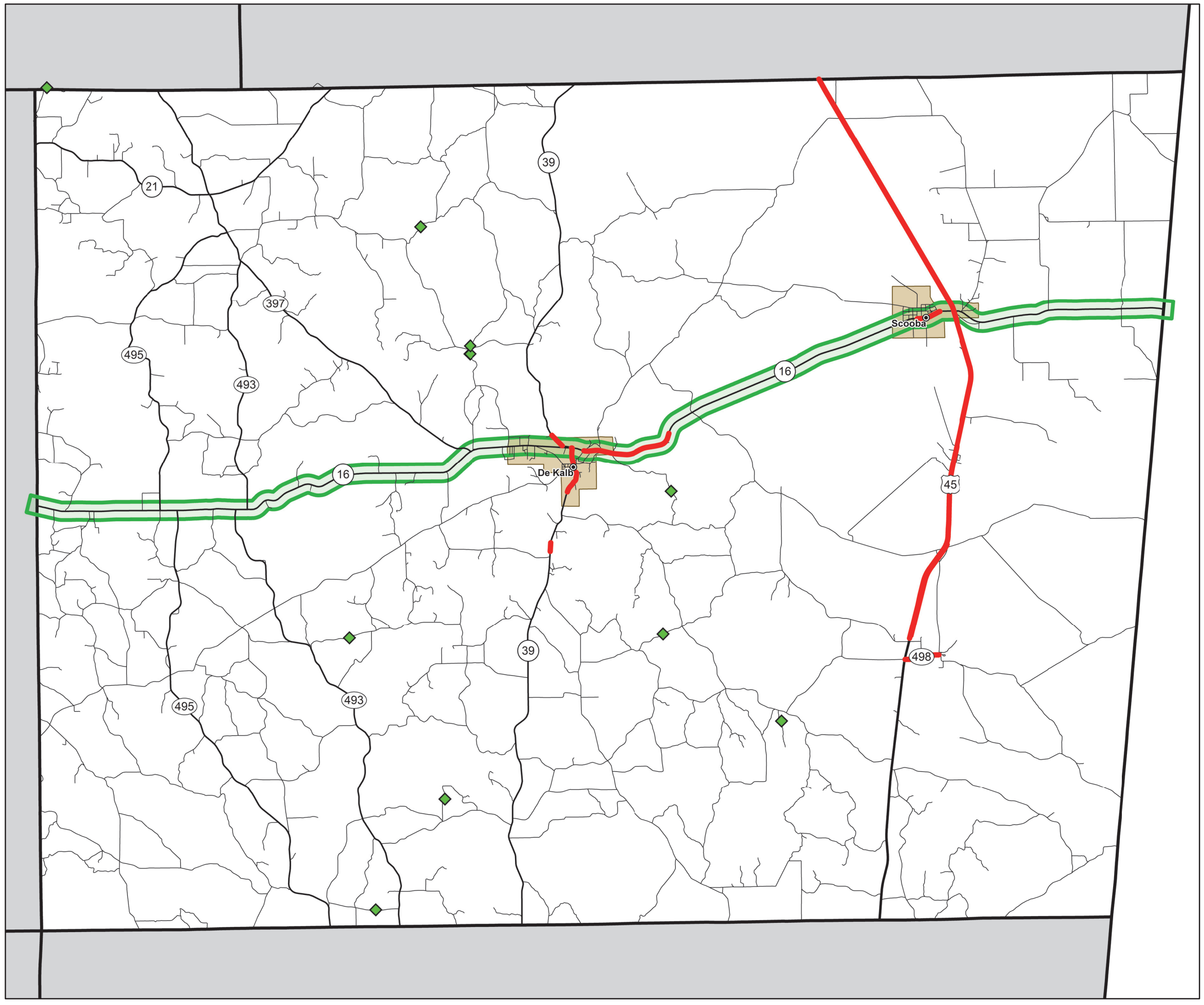
Miles

MDOT PLANNING DIVISION

# Jones County

US 11 over Country Club Trib

US 11 over Country Club Trib




## KEMPER COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $8,340,904 | $4,253,027 | $7,995,819 |

N

0 1 2 3 4 5

Miles

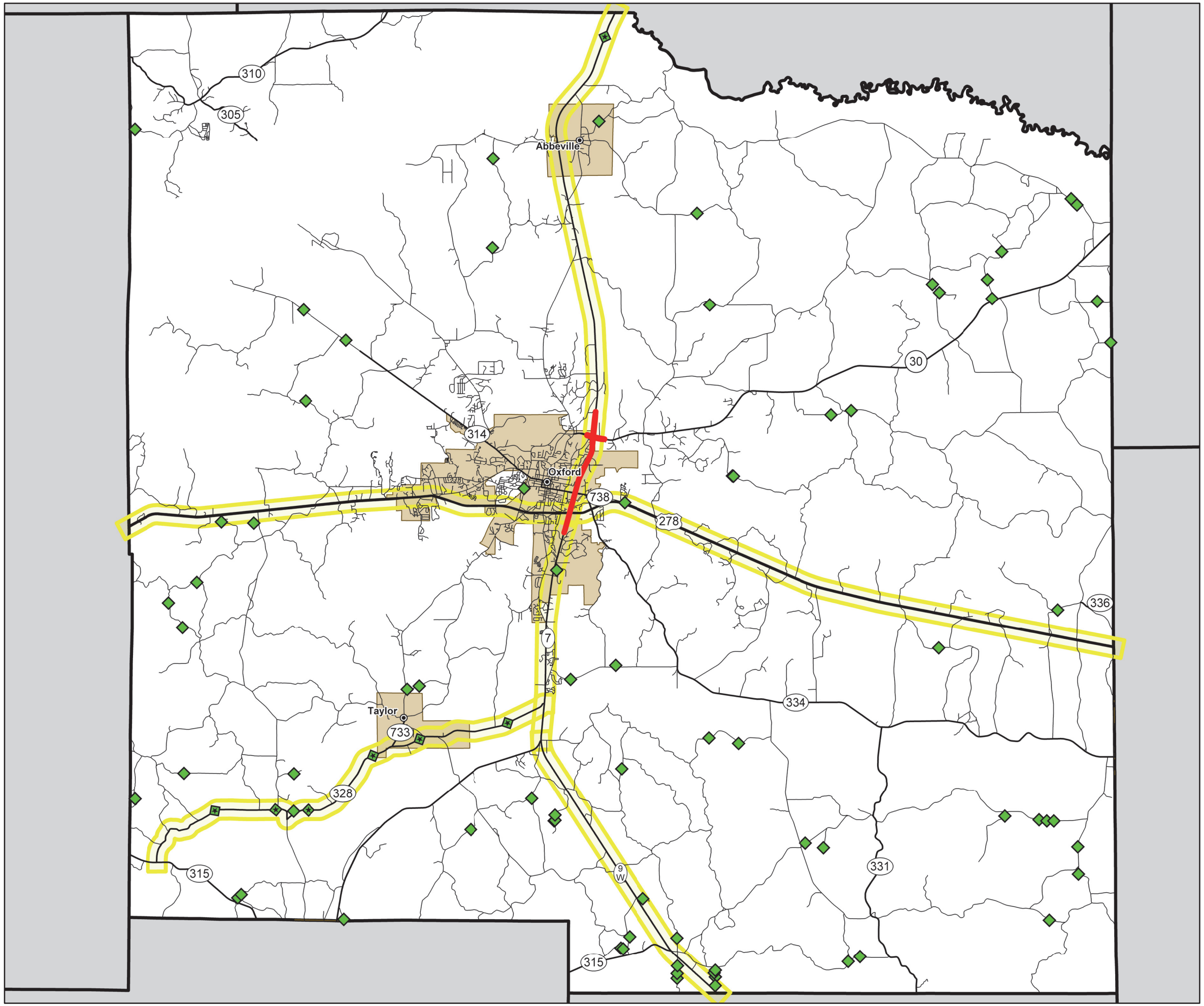
MDOT PLANNING DIVISION

# Kemper County

MS 39 over Pawticfaw Creek Not Posted

MS 39 over Pawticfaw Creek Not Posted

MS 397 over Creek Not Posted




# LAFAYETTE COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- MANUFACTURING/INDUSTRY

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $1,932,966 | $49,266,339 | $69,780,885 |

N

0 1 2 3 4 5
Miles

MDOT PLANNING DIVISION

# Lafayette County

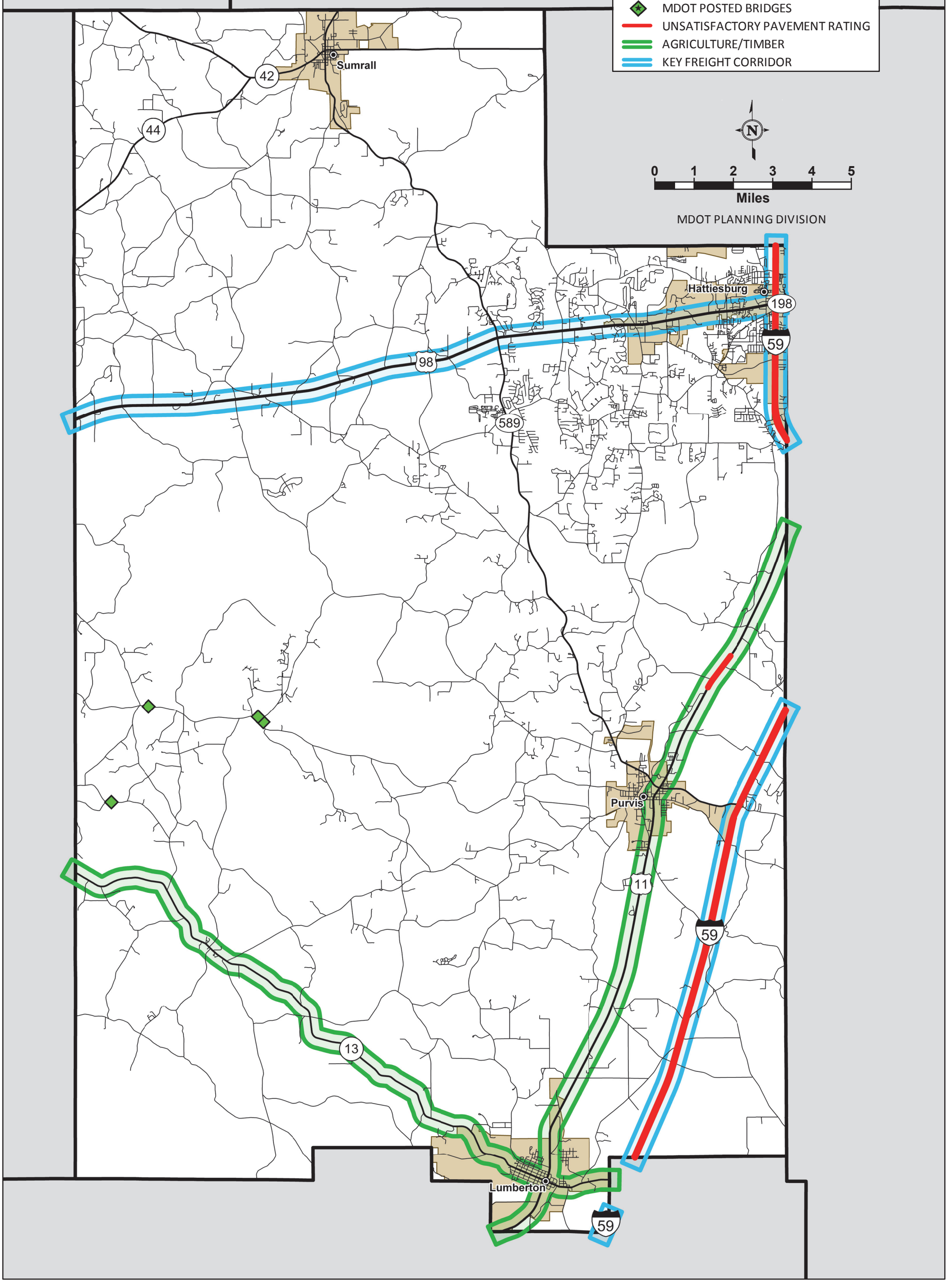
MS 30 over Puskus Creek Open

MS 30 over Puskus Creek Open

MS 30 over Cypress Creek Open

MS 30 over Cypress Creek Open

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $19,409,401 | $26,649,577 | $6,455,675 |



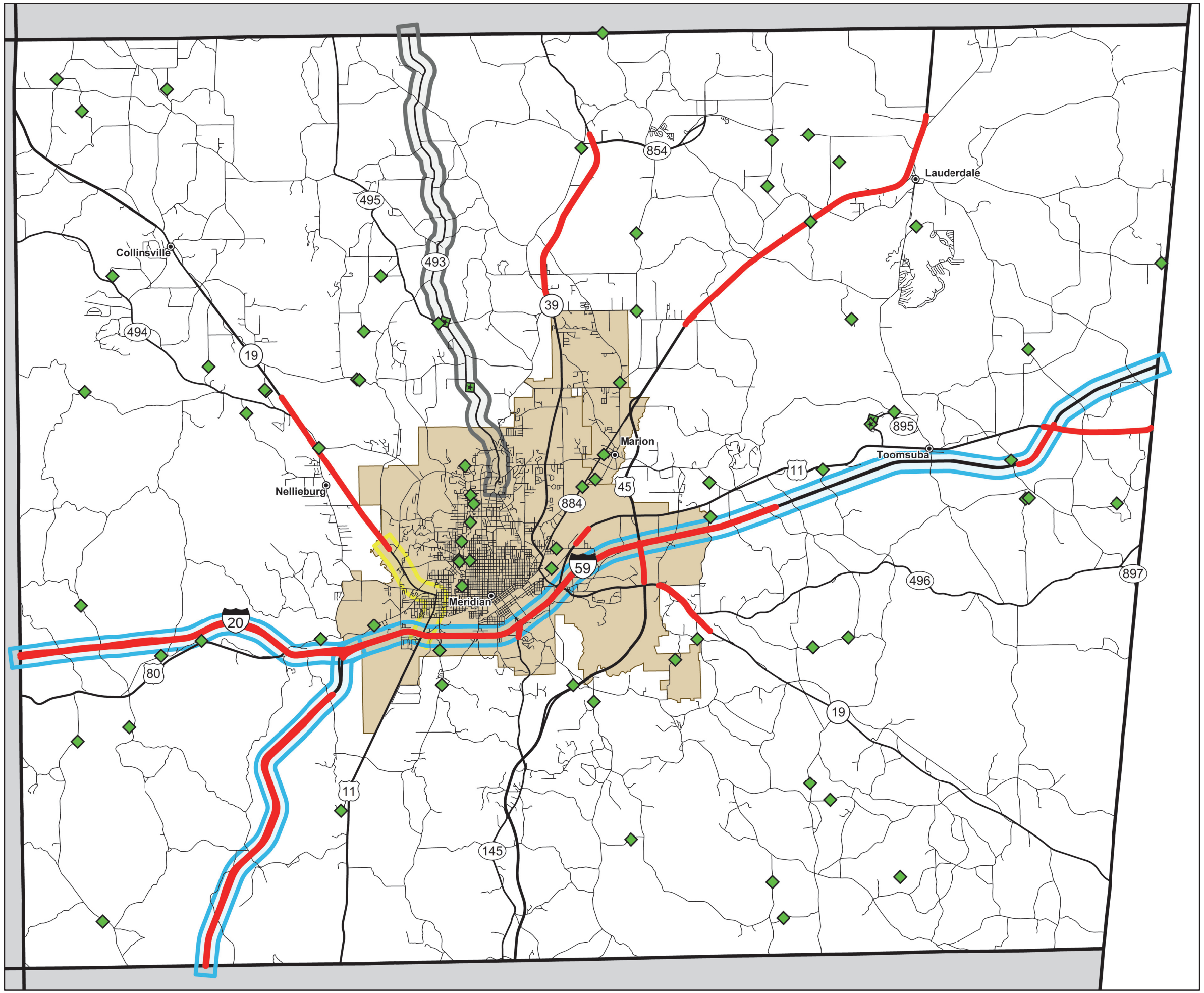
# Lamar County

US 11 over Little Black Creek

US 11 over Little Red Creek

# LAUDERDALE COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- KEY FREIGHT CORRIDOR
- MANUFACTURING/INDUSTRY
- MINING/GRAVEL




| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $50,306,934 | $116,462,106 | $67,904,498 |

N

0 1 2 3 4 5

Miles

MDOT PLANNING DIVISION

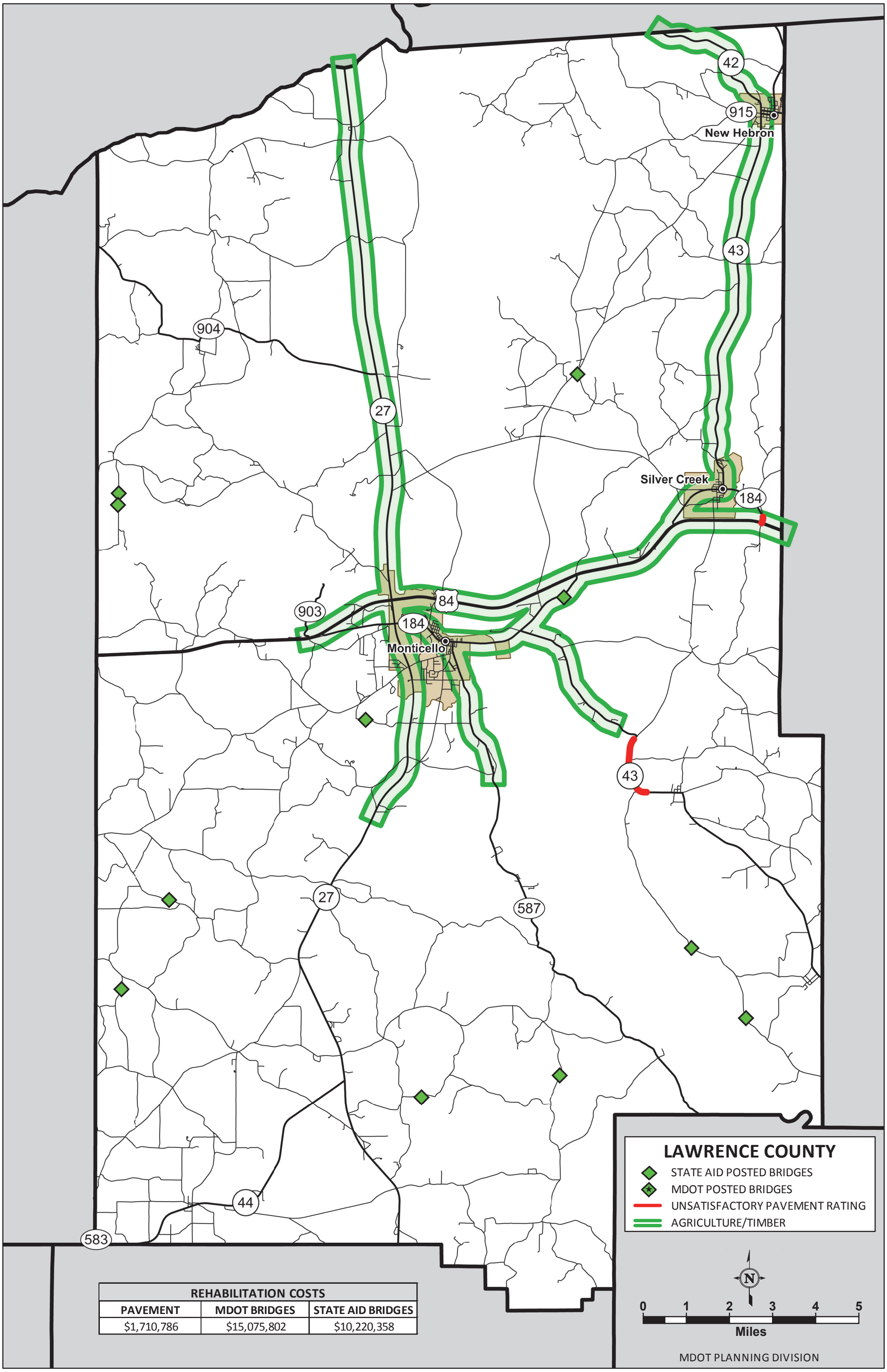
# Lauderdale County

MS 19 over Bucatunna Creek
Not Posted but Temp Shored

MS 19 over Meridian Big Bear
Not Posted but Temp Shored

MS 19 over Meridian Big Bear
Not Posted but Temp Shored

MS 19 over Meridian Big Bear
Not Posted but Temp Shored

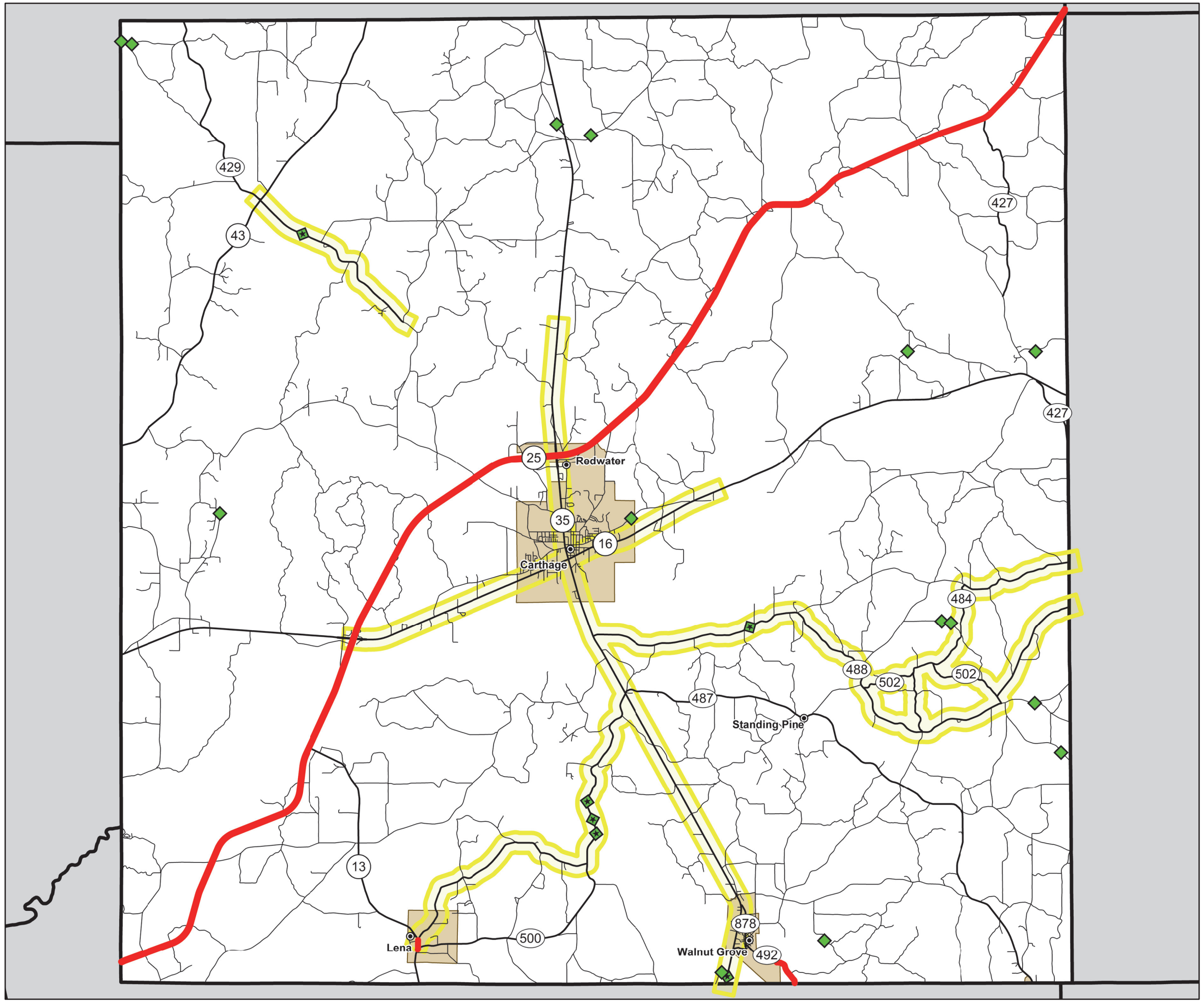



| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $1,710,786 | $15,075,802 | $10,220,358 |

MS 184 over Pearl River Posted

MS 184 over Pearl River Posted

MS 184 over Pearl River Relief Posted




# LEAKE COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- MANUFACTURING/INDUSTRY

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $20,209,410 | $24,798,704 | $11,414,476 |

N

0 1 2 3 4 5

Miles

MDOT PLANNING DIVISION

# Leake County

MS 488 over Standing Pine Creek Posted

MS 488 over Standing Pine Creek Posted A

MS 488 over Standing Pine Creek Posted C

MS 488 over Standing Pine Creek Posted B

## LEE COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- KEY FREIGHT CORRIDOR
- MANUFACTURING/INDUSTRY

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $20,870,775 | $39,648,016 | $46,261,404 |

N

0 1 2 3 4 5
Miles

MDOT PLANNING DIVISION

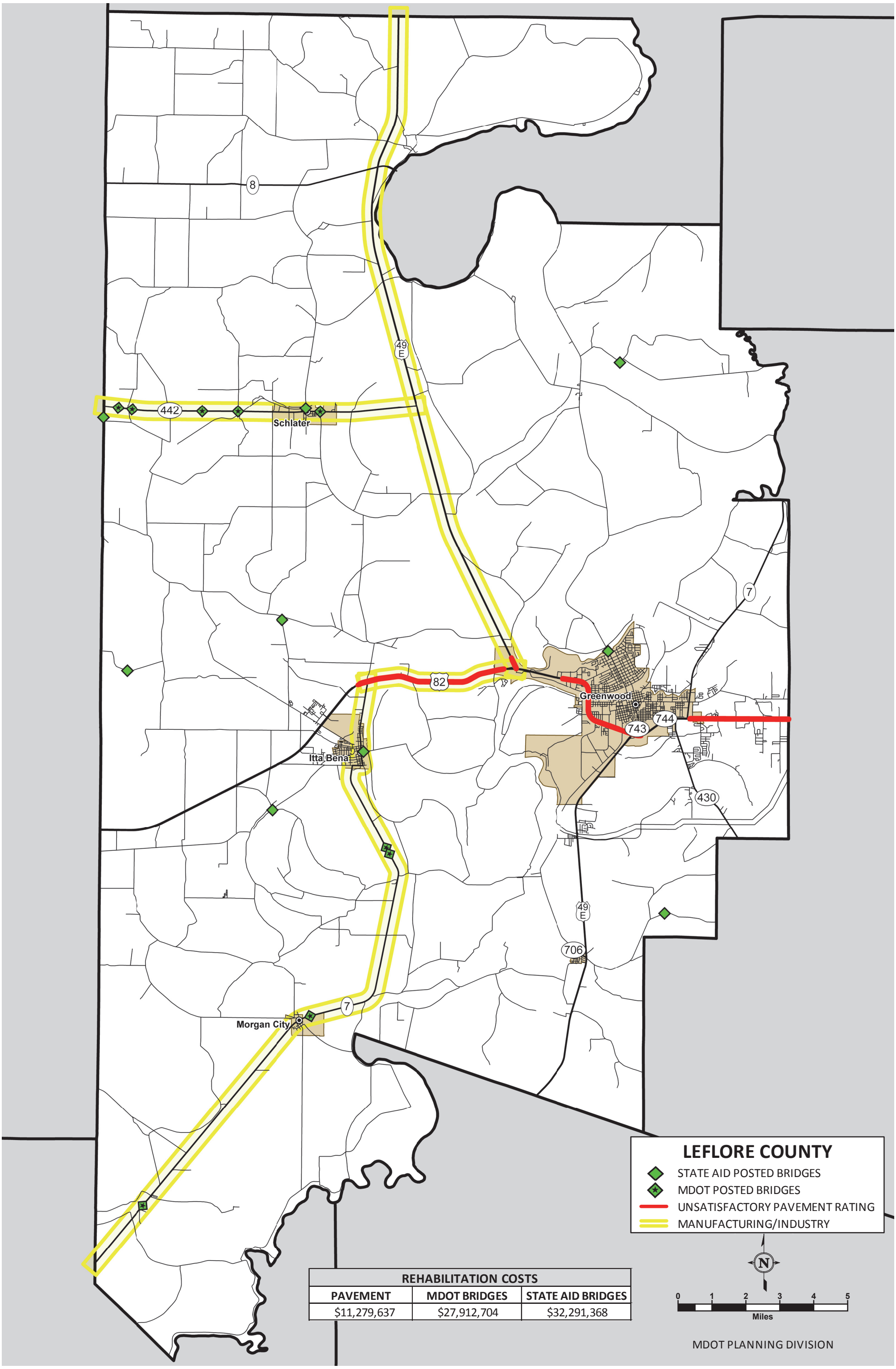
# Lee County

MS 245 over Tubbulubba Creek

MS 245 over Tubbulubba Creek

US 278 over Coonewah Creek

US 278 over Coonewah Creek




| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $11,279,637 | $27,912,704 | $32,291,368 |

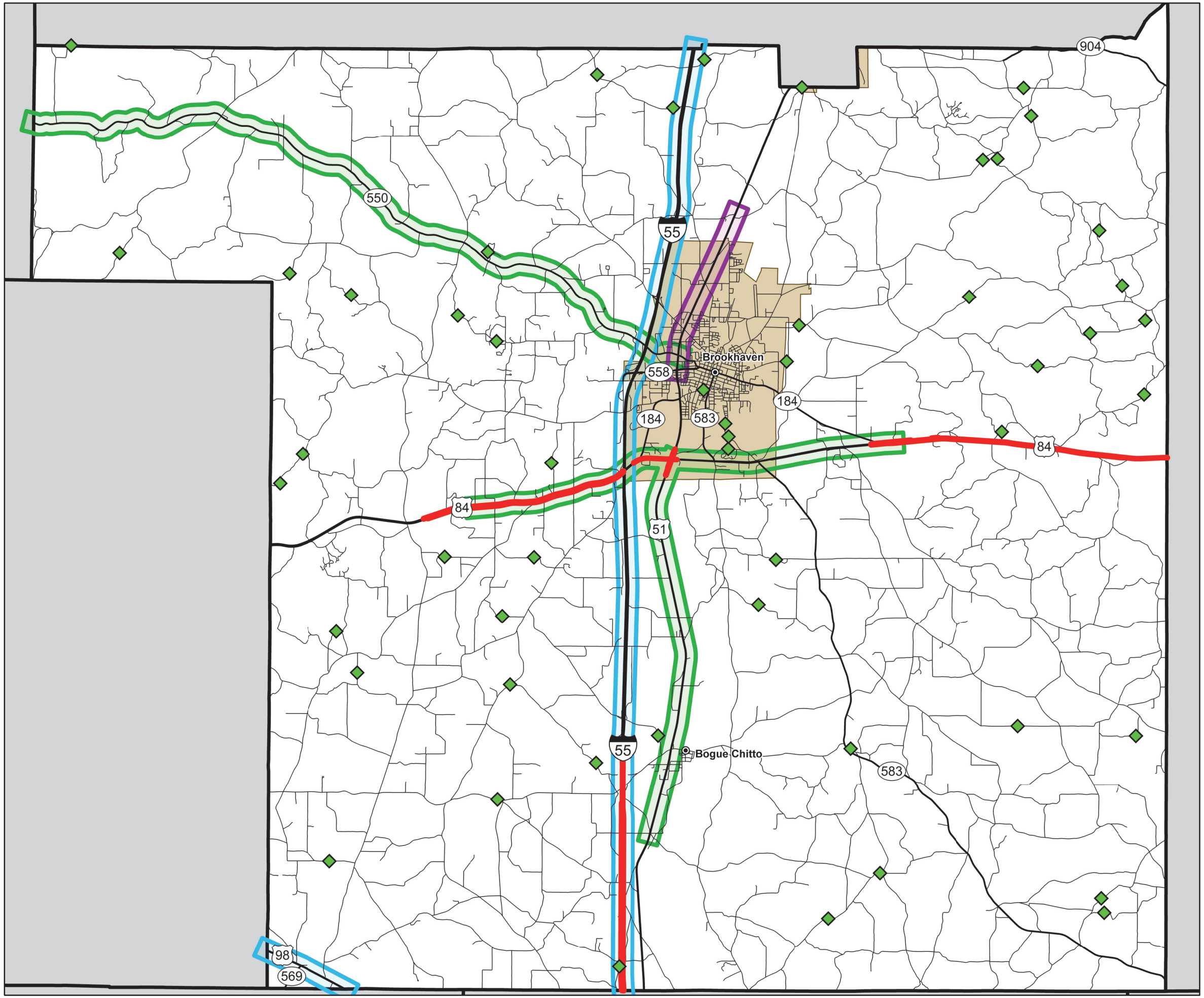
# Leflore County

MS 7 over Relief Ditch Posted

MS 7 over Relief Ditch Posted

MS 442 over Pecan Bayou Posted

MS 442 over Pecan Bayou Posted




# LINCOLN COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- KEY FREIGHT CORRIDOR
- WAREHOUSING

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $15,953,076 | $32,884,301 | $51,513,039 |

N

0 1 2 3 4 5

Miles

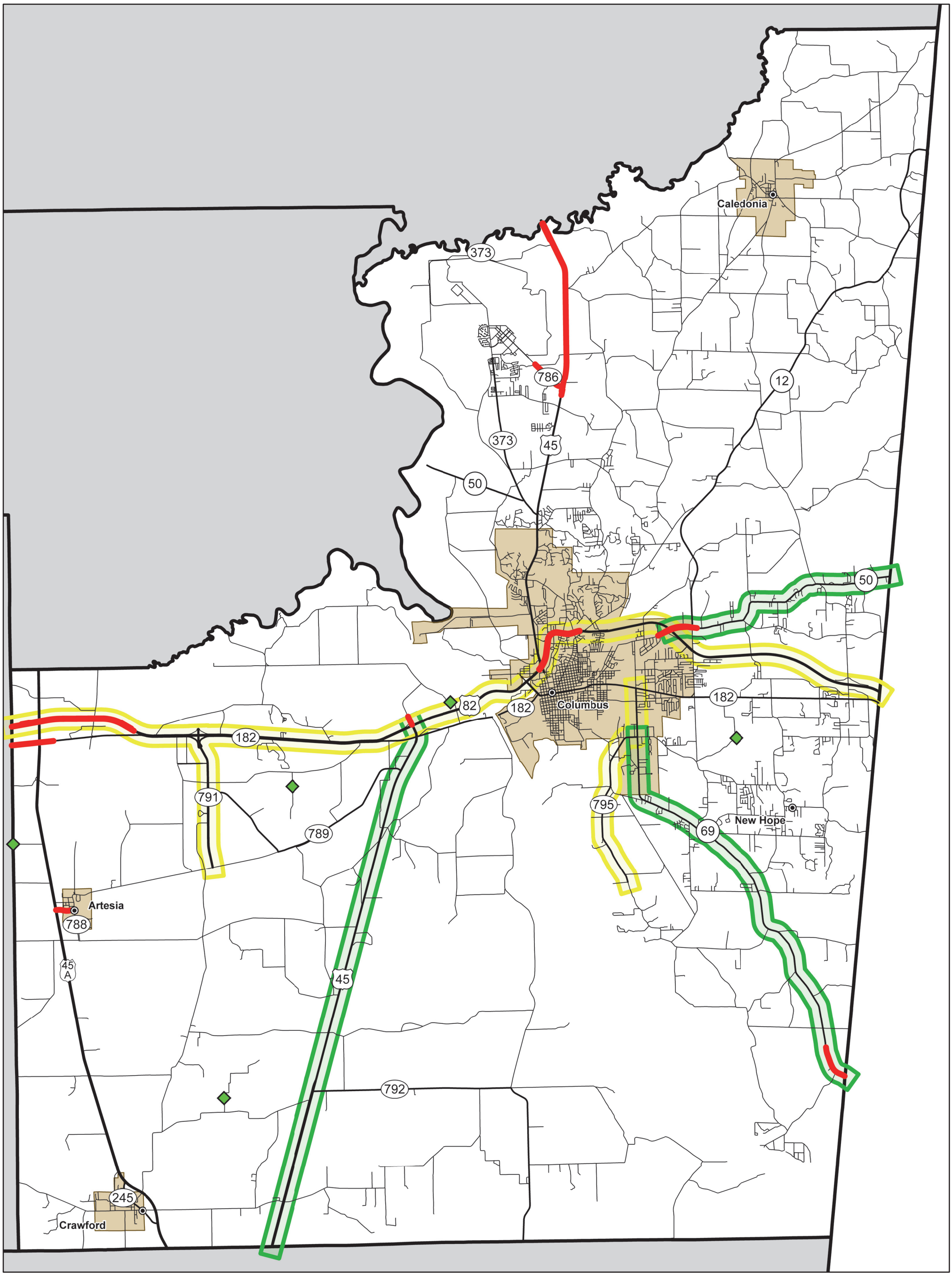
MDOT PLANNING DIVISION

# Lincoln County

US 51 over Albritton Creek
Not Posted But Temp Shored

US 51 over Bougue Chitto River
Not Posted But Temp Shored

US 51 over Mt. Pleasant Creek
Not Posted But Temp Shored




## LOWNDES COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- MANUFACTURING/INDUSTRY

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $18,569,786 | $35,424,676 | $14,600,395 |

N

0 1 2 3 4 5
Miles

MDOT PLANNING DIVISION

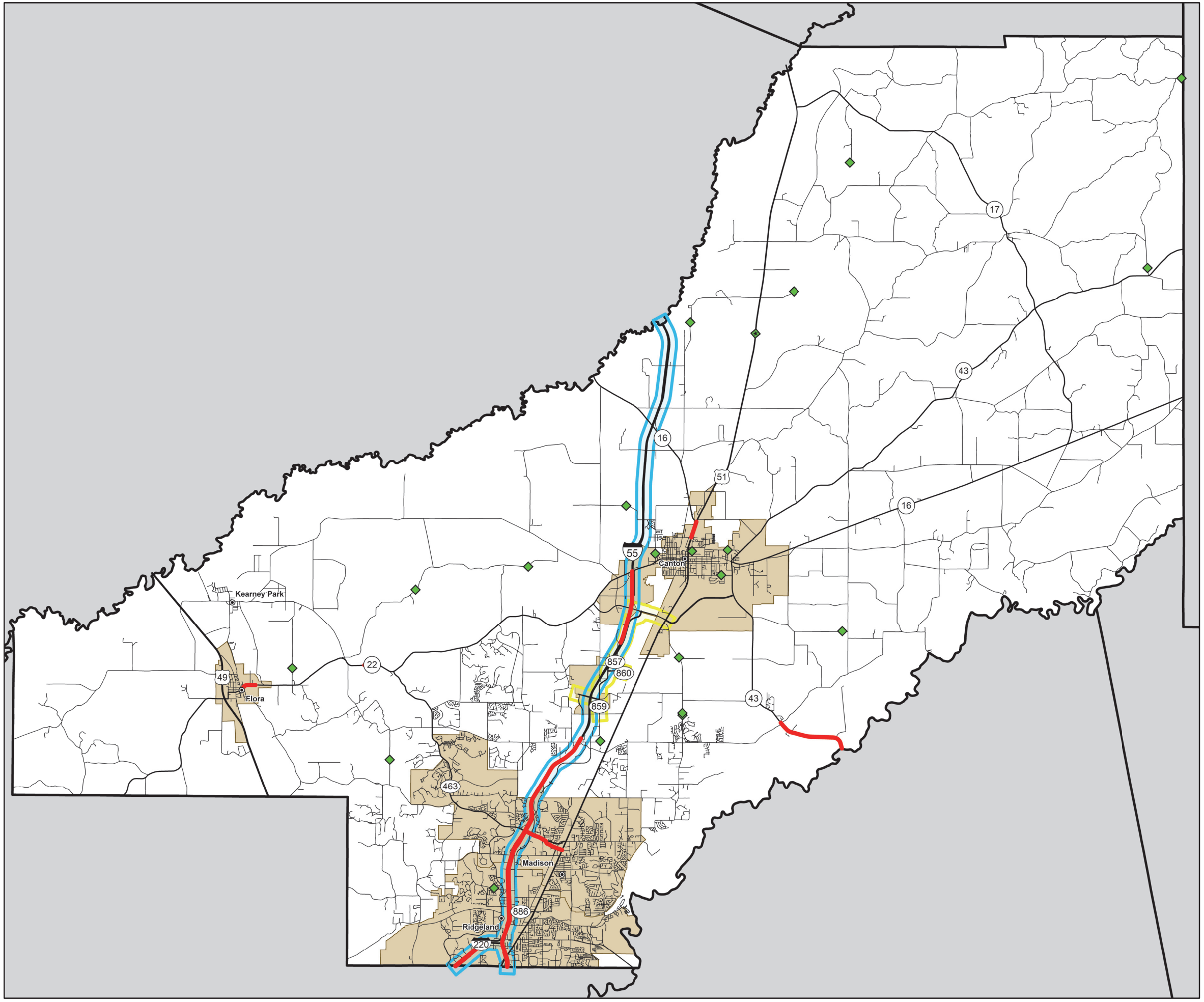
# Lowndes County

US 45 over Gilmer Creek

US 45 over Gilmer Creek

MS 182 over Vernon Branc

MS 182 over Vernon Branc




# MADISON COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- KEY FREIGHT CORRIDOR
- MANUFACTURING/INDUSTRY

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $14,994,241 | $71,207,255 | $19,353,109 |

N

0 1 2 3 4 5

Miles

MDOT PLANNING DIVISION

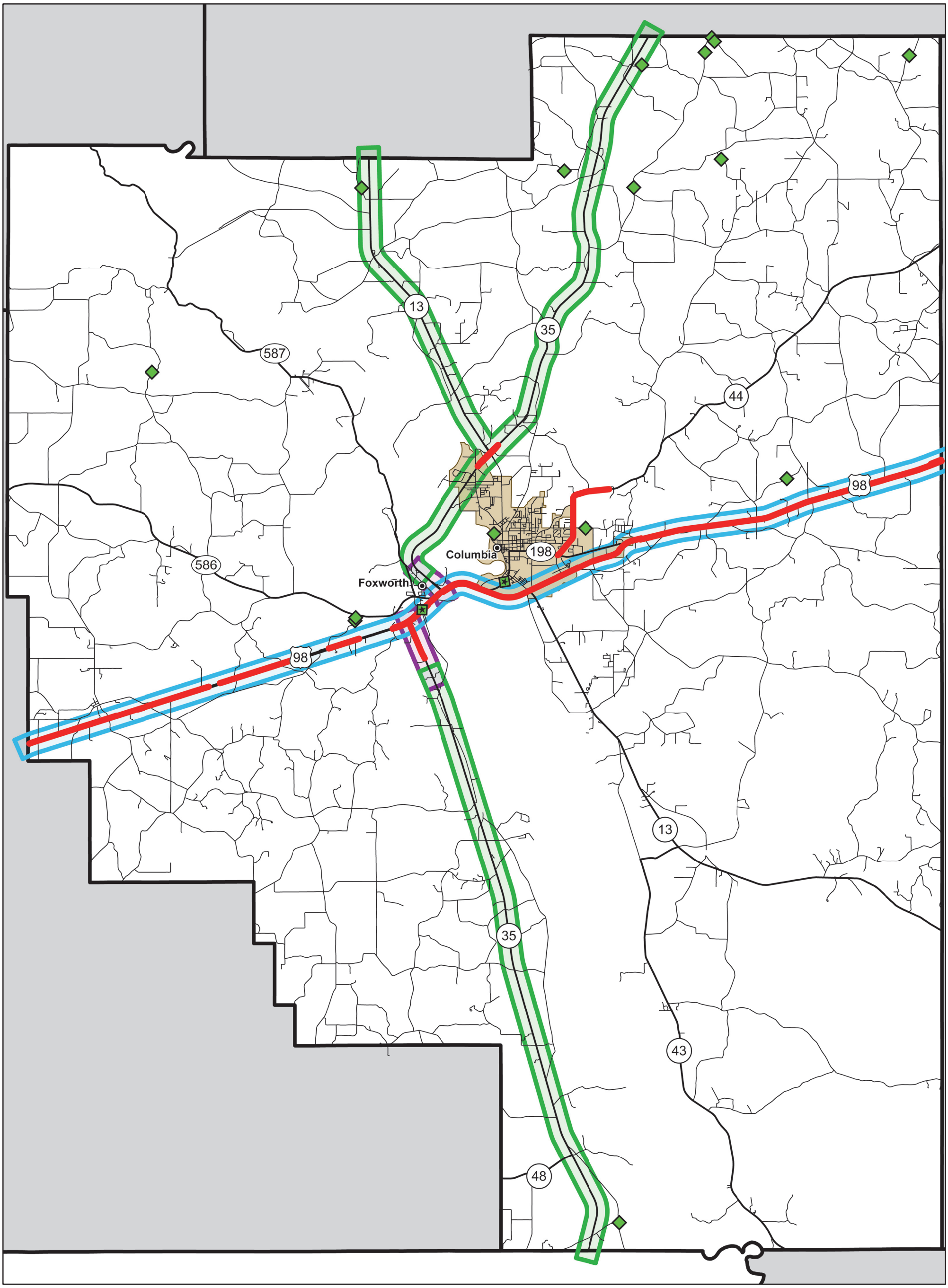
# Madison County

US 51 over Relief Posted

US 51 over Relief Posted

US 51 over Relief Posted

US 51 over Relief




## MARION COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- KEY FREIGHT CORRIDOR
- WAREHOUSING

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $12,930,876 | $45,585,714 | $19,492,037 |

N

0 1 2 3 4 5

Miles

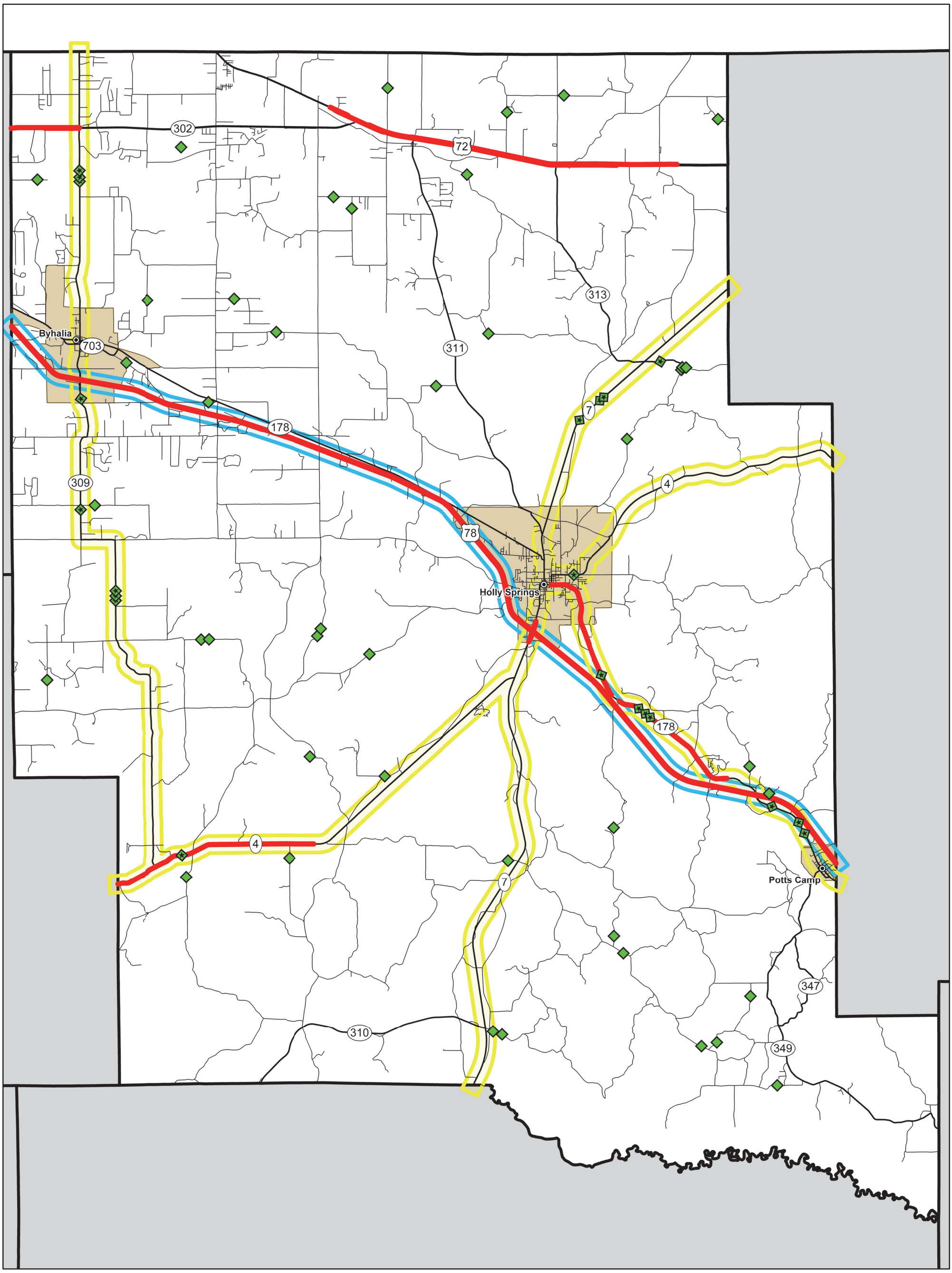
MDOT PLANNING DIVISION

# Marion County

MS 198 over Lyas Lake Posted

MS 198 over Lyas Lake Posted B

US 98-W Bover Silver Creek & CNICRR Posted




## MARSHALL COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- KEY FREIGHT CORRIDOR
- MANUFACTURING/INDUSTRY

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $37,297,996 | $59,682,210 | $43,112,619 |

N

0 1 2 3 4 5
Miles

MDOT PLANNING DIVISION

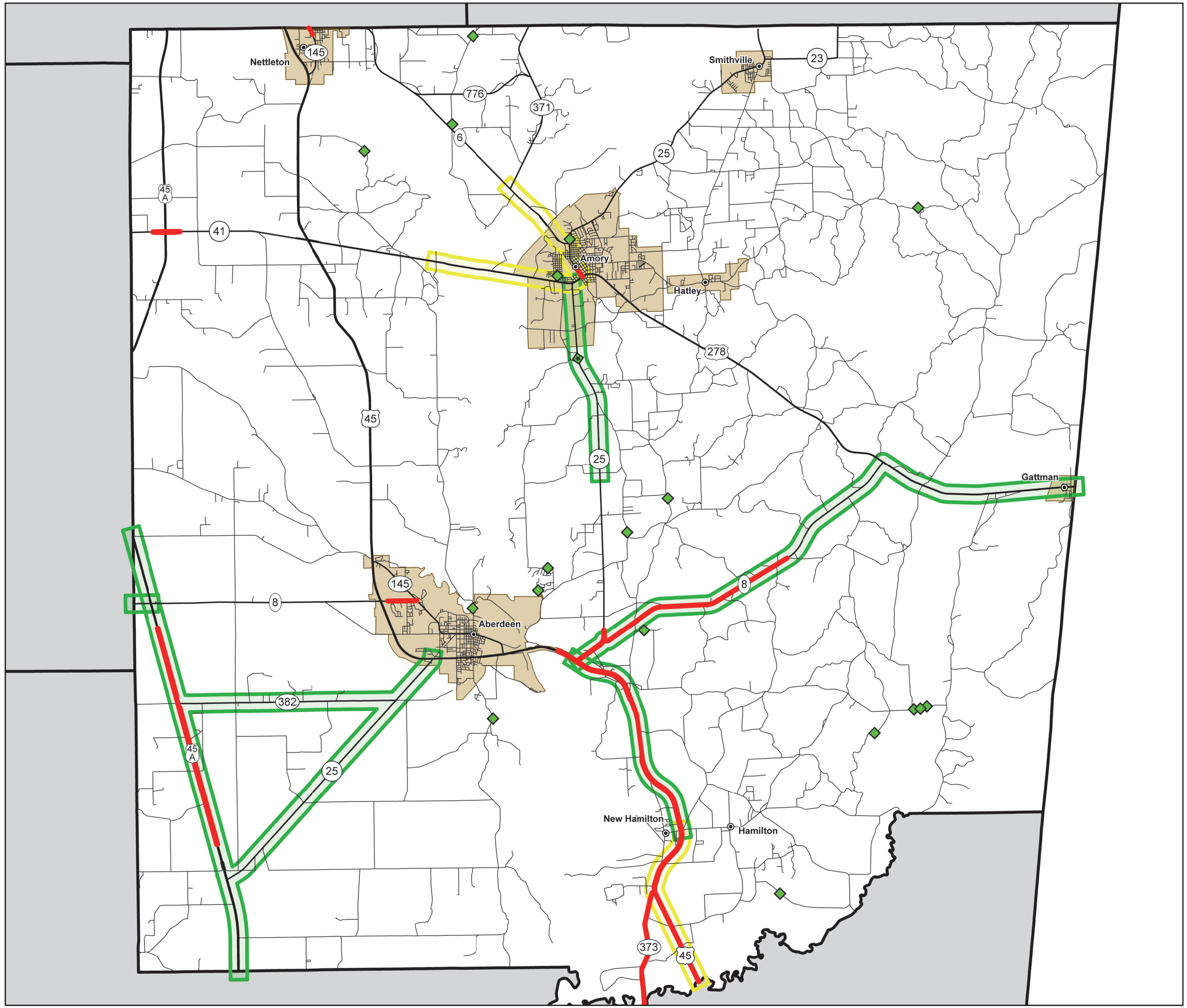
# Marshall County

MS 178 over Spring Creek Posted

MS 178 over Spring Creek Posted

MS 309 over Pigeon Roost Canal Posted

MS 309 over Pigeon Roost Canal Posted




# MONROE COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- MANUFACTURING/INDUSTRY

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $21,532,968 | $25,608,290 | $17,993,718 |

N

0 1 2 3 4 5
Miles

MDOT PLANNING DIVISION

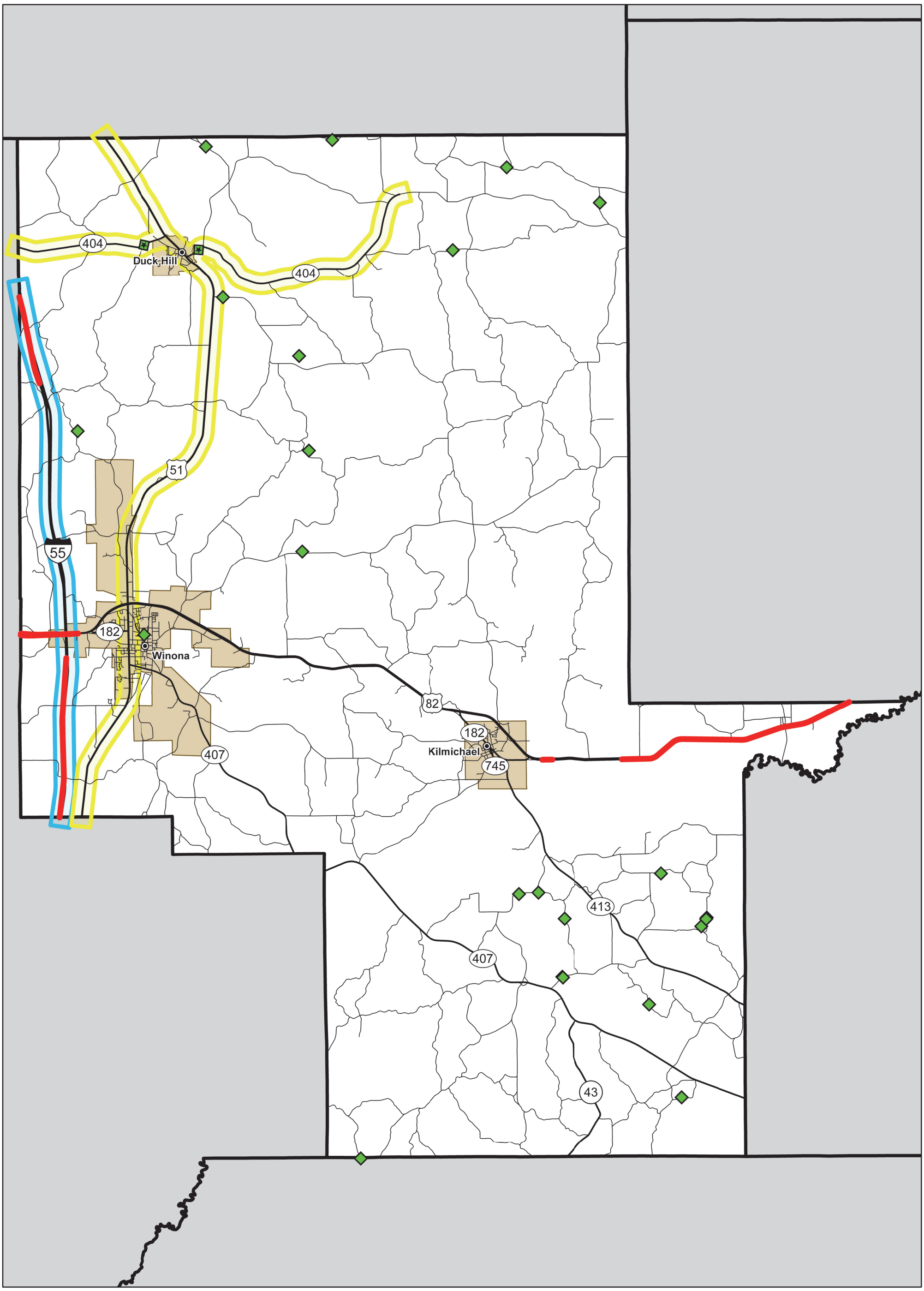
# Monroe County

MS 6 over Cowpenna Creek

MS 6 over Cowpenna Creek

MS 25 over Tadpole Creek

MS 25 over Tadpole Creek




## MONTGOMERY COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- KEY FREIGHT CORRIDOR
- MANUFACTURING/INDUSTRY

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $6,804,228 | $24,505,195 | $17,930,870 |

N

0 1 2 3 4 5
Miles

MDOT PLANNING DIVISION

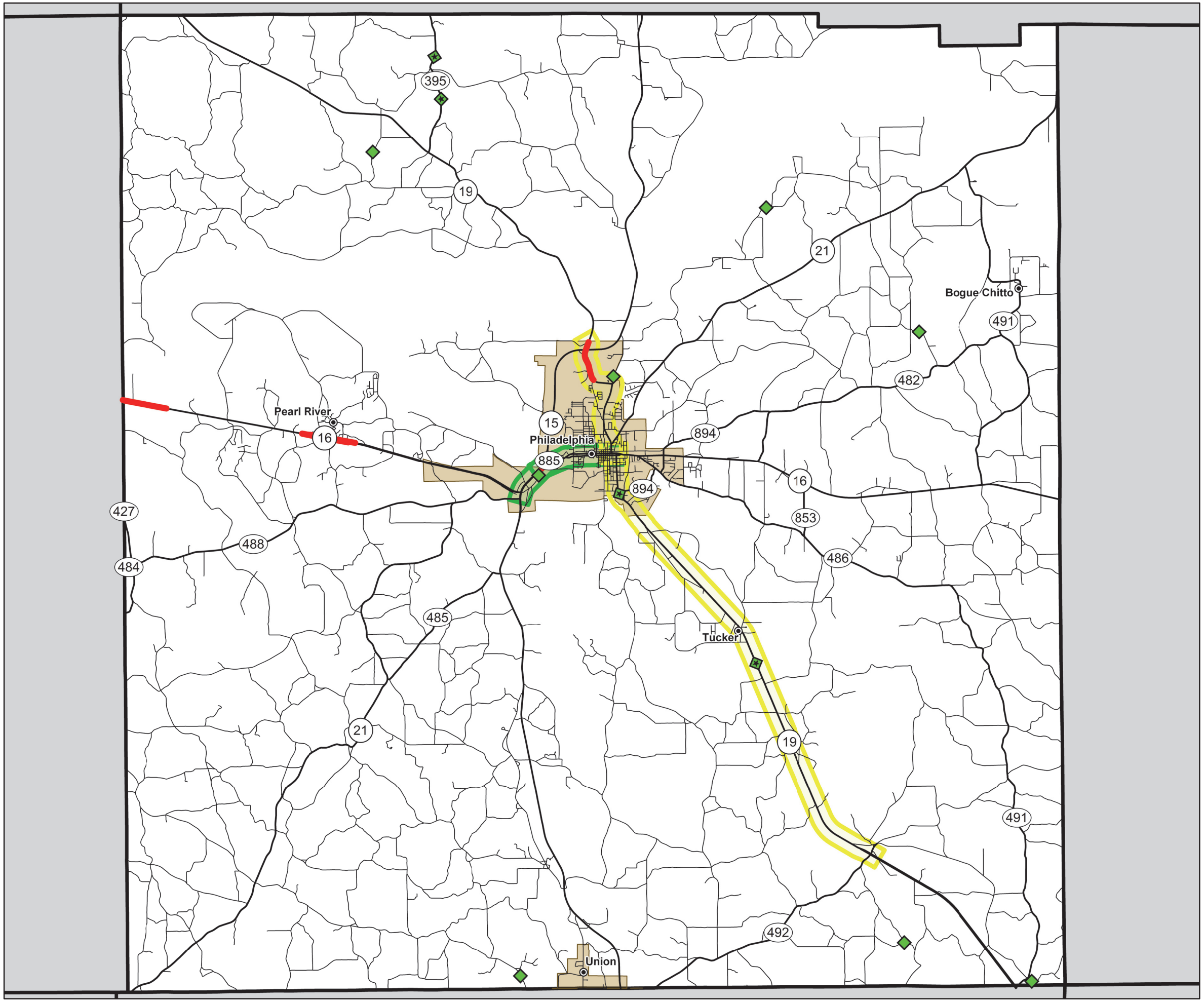
# Montgomery County

MS 404 over Big Bogue Creek Posted

MS 404 over Big Bogue Creek Posted

MS 404 over Jackson Creek Posted

MS 404 over Jackson Creek Posted




# NESHOBA COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- MANUFACTURING/INDUSTRY

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $6,059,488 | $3,736,813 | $9,316,460 |

N

0 1 2 3 4 5

Miles

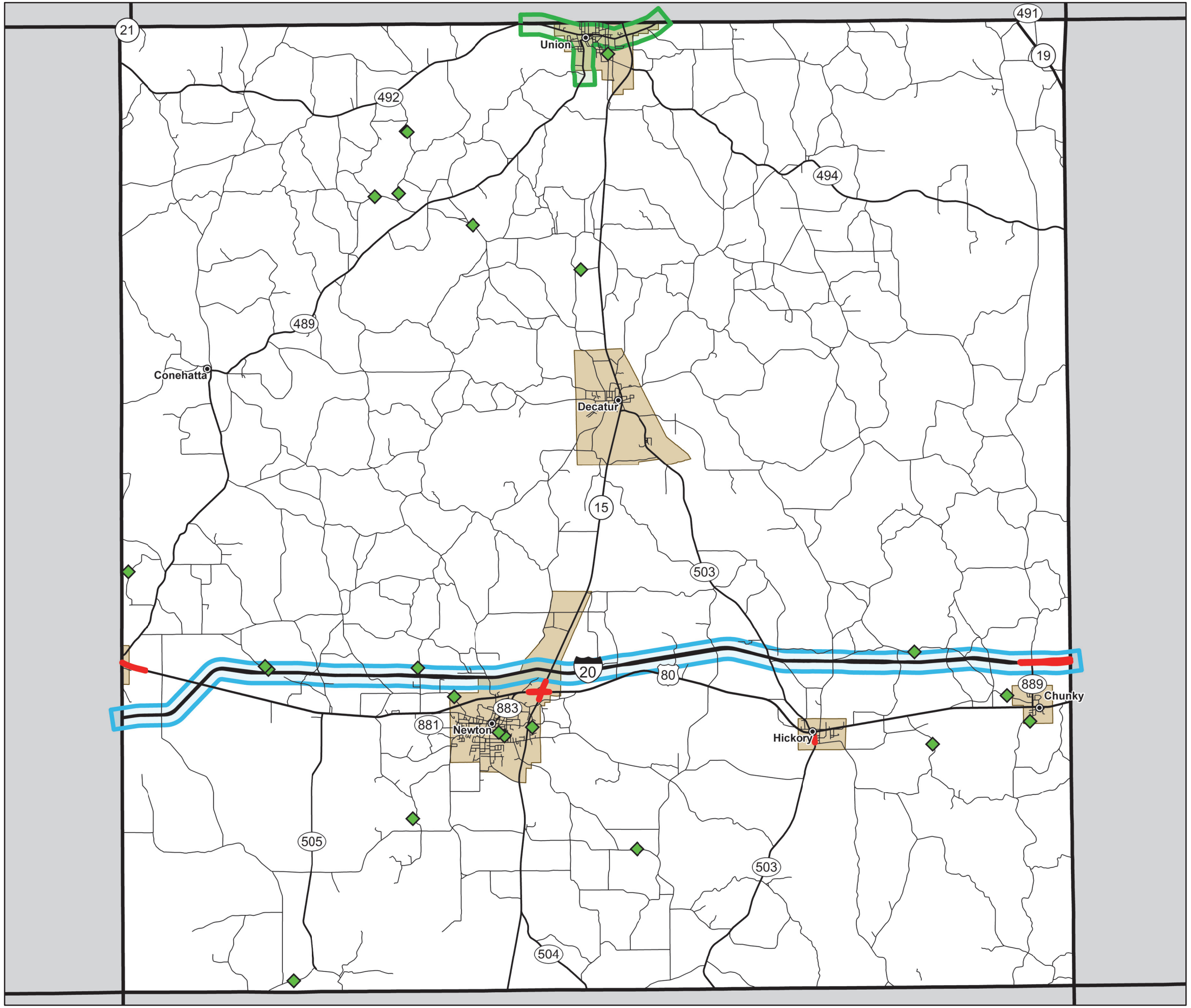
MDOT PLANNING DIVISION

# Neshoba County

MS 395 over Creek Posted

MS 395 over Creek Posted

MS 395 over Creek Posted




# NEWTON COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- KEY FREIGHT CORRIDOR

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $9,707,380 | $27,942,706 | $21,209,267 |

N

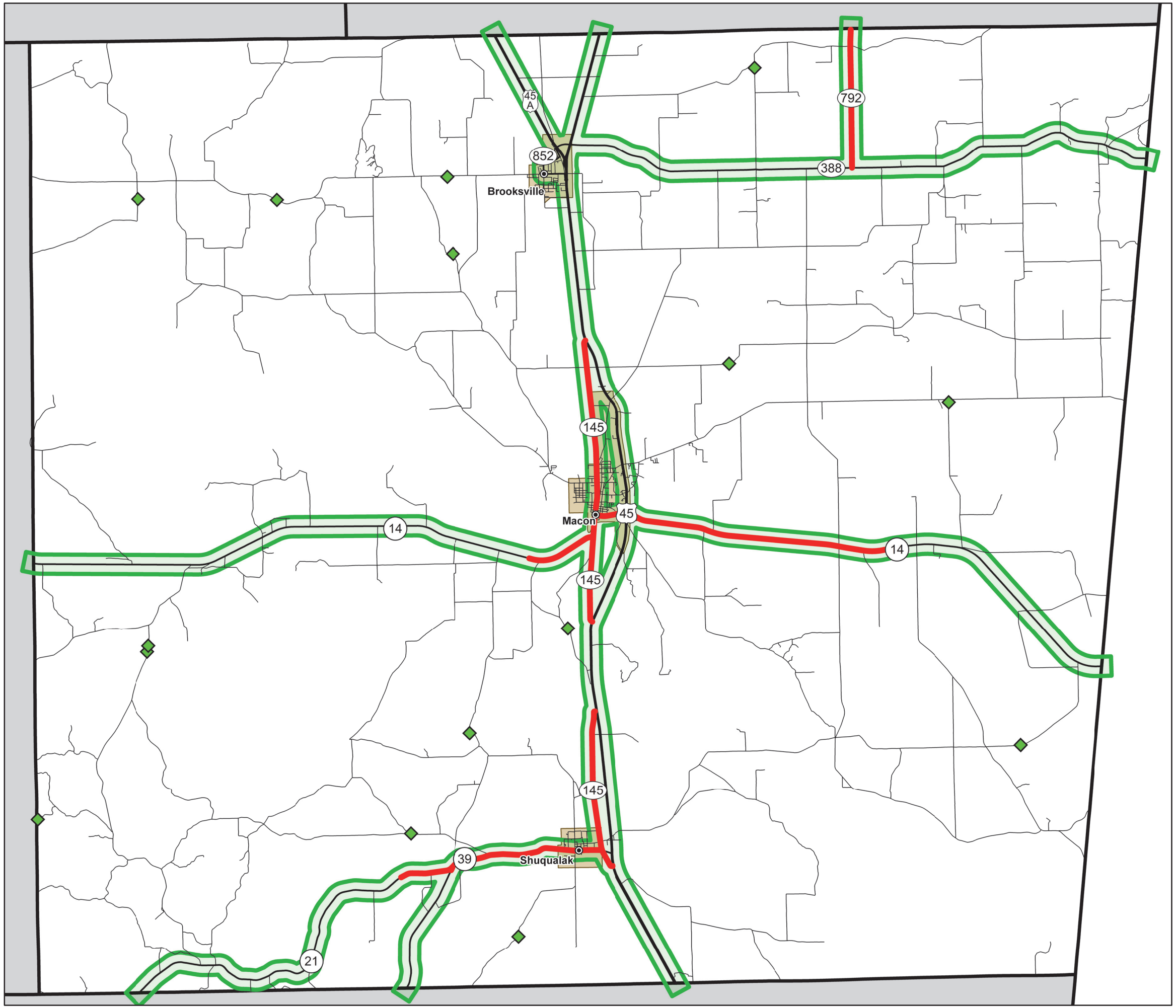
0 1 2 3 4 5
Miles

MDOT PLANNING DIVISION

US 80 over Chunky River Rel Temp Shoring

US 80 over Chunky River Rel Temp Shoring

US 80 over Chunky River Rel Temp Shoring




## NOXUBEE COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $7,026,960 | $6,644,880 | $17,088,266 |

N

0 1 2 3 4 5
Miles

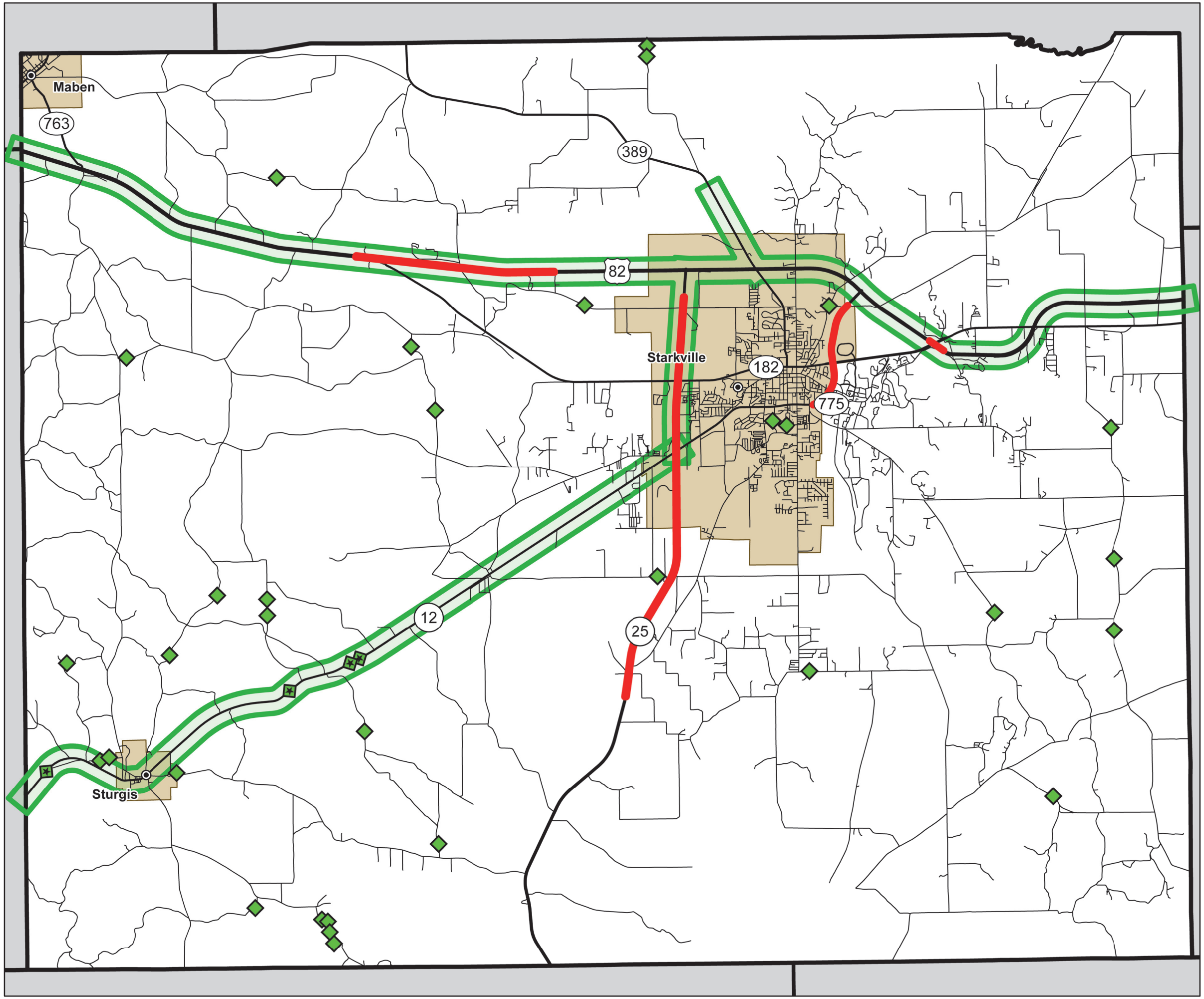
MDOT PLANNING DIVISION

# Noxubee County

MS 14 over Hashuqua Creek Not Posted

MS 14 over Hashuqua Creek Not Posted

MS 14 over Hashuqua Creek Not Posted




# OKTIBBEHA COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $17,860,328 | $22,826,122 | $23,129,890 |

N

0 1 2 3 4 5
Miles

MDOT PLANNING DIVISION

# Oktibbeha County

MS 12 over Big Creek

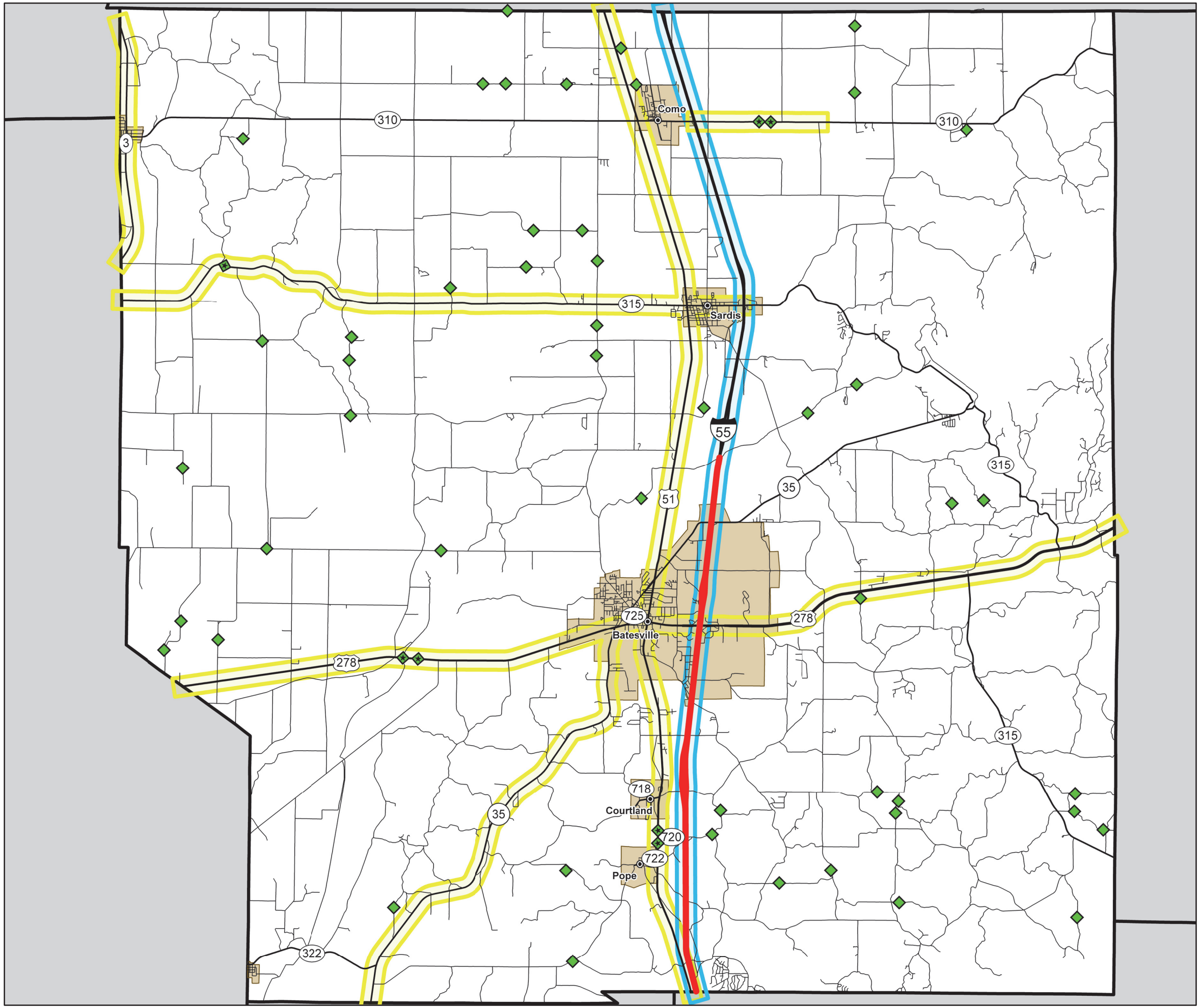
MS 12 over Big Creek

MS 12 over Big Creek Relief

MS 12 over Big Creek Relief

# PANOLA COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- KEY FREIGHT CORRIDOR
- MANUFACTURING/INDUSTRY




| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $15,977,502 | $91,402,099 | $50,485,221 |

N

0 1 2 3 4 5
Miles

MDOT PLANNING DIVISION

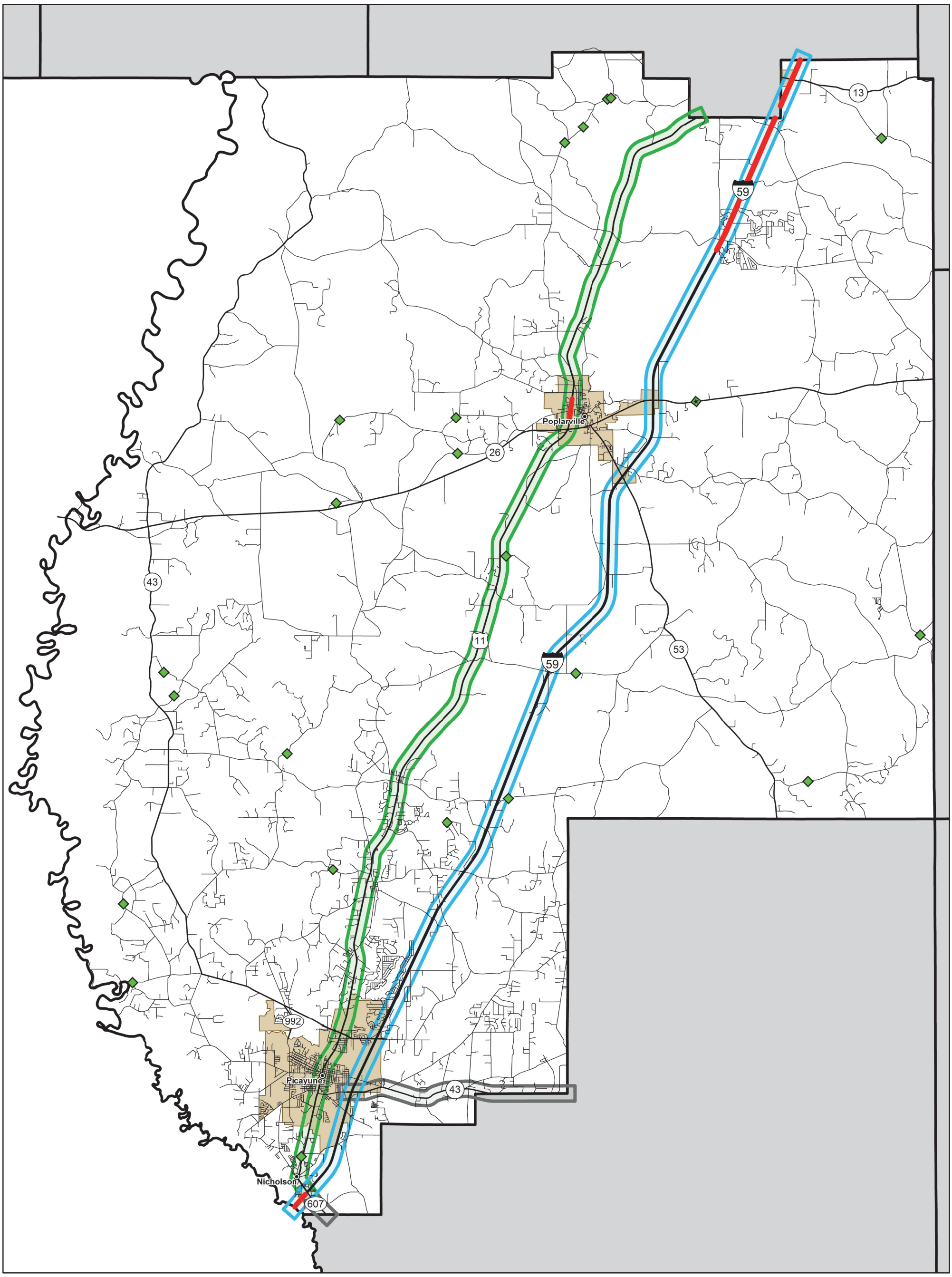
# Panola County

MS 310 over Mattie Creek Posted

MS 310 over Mattie Creek Posted

MS 310 over Nelson Creek Posted

MS 310 over Nelson Creek Posted




## PEARL RIVER COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- KEY FREIGHT CORRIDOR
- MINING/GRAVEL

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $7,205,394 | $34,313,196 | $20,956,733 |

N

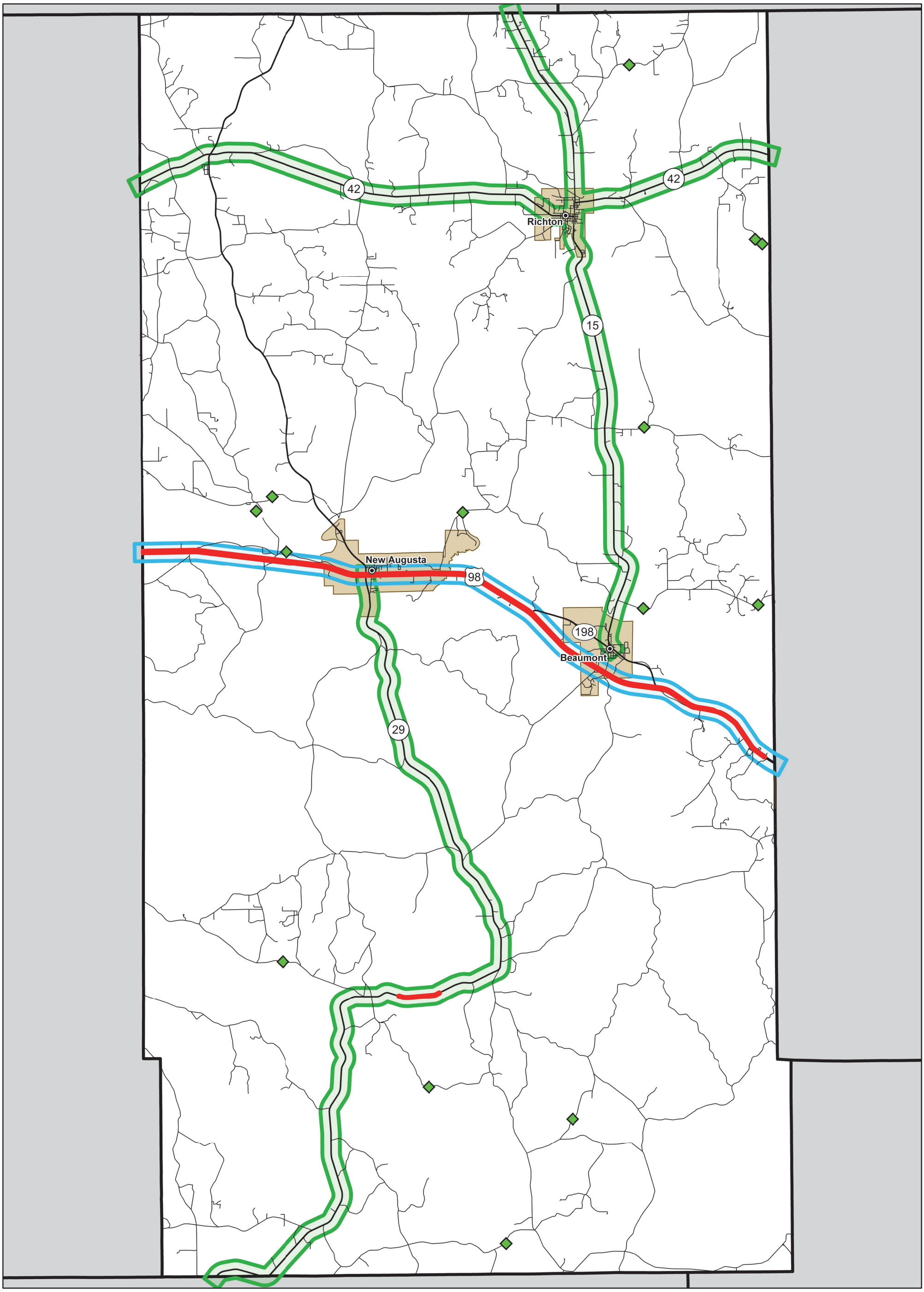
0 1 2 3 4 5

Miles

MDOT PLANNING DIVISION

US 11 over Hobolochitto

US 11 over Hobolochitto




## PERRY COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- KEY FREIGHT CORRIDOR

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $15,617,046 | $21,026,363 | $29,477,814 |

N

0 1 2 3 4 5

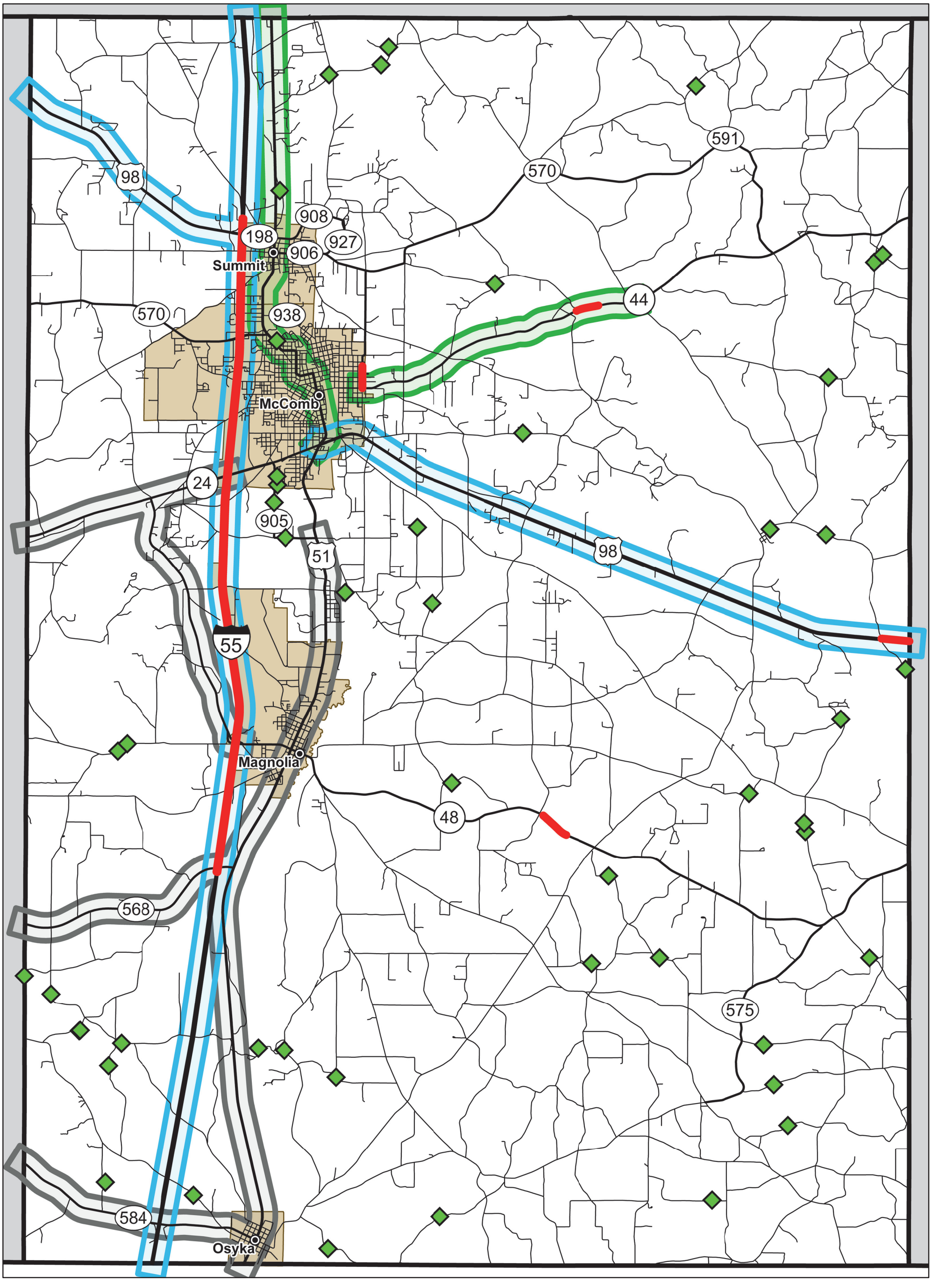
Miles

MDOT PLANNING DIVISION

# Perry County

MS 42 over Bogue Homa Creek

MS 42 over Tallahall Creek




## PIKE COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- KEY FREIGHT CORRIDOR
- MINING/GRAVEL

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $25,987,838 | $41,641,895 | $50,249,552 |

N

0 1 2 3 4 5

Miles

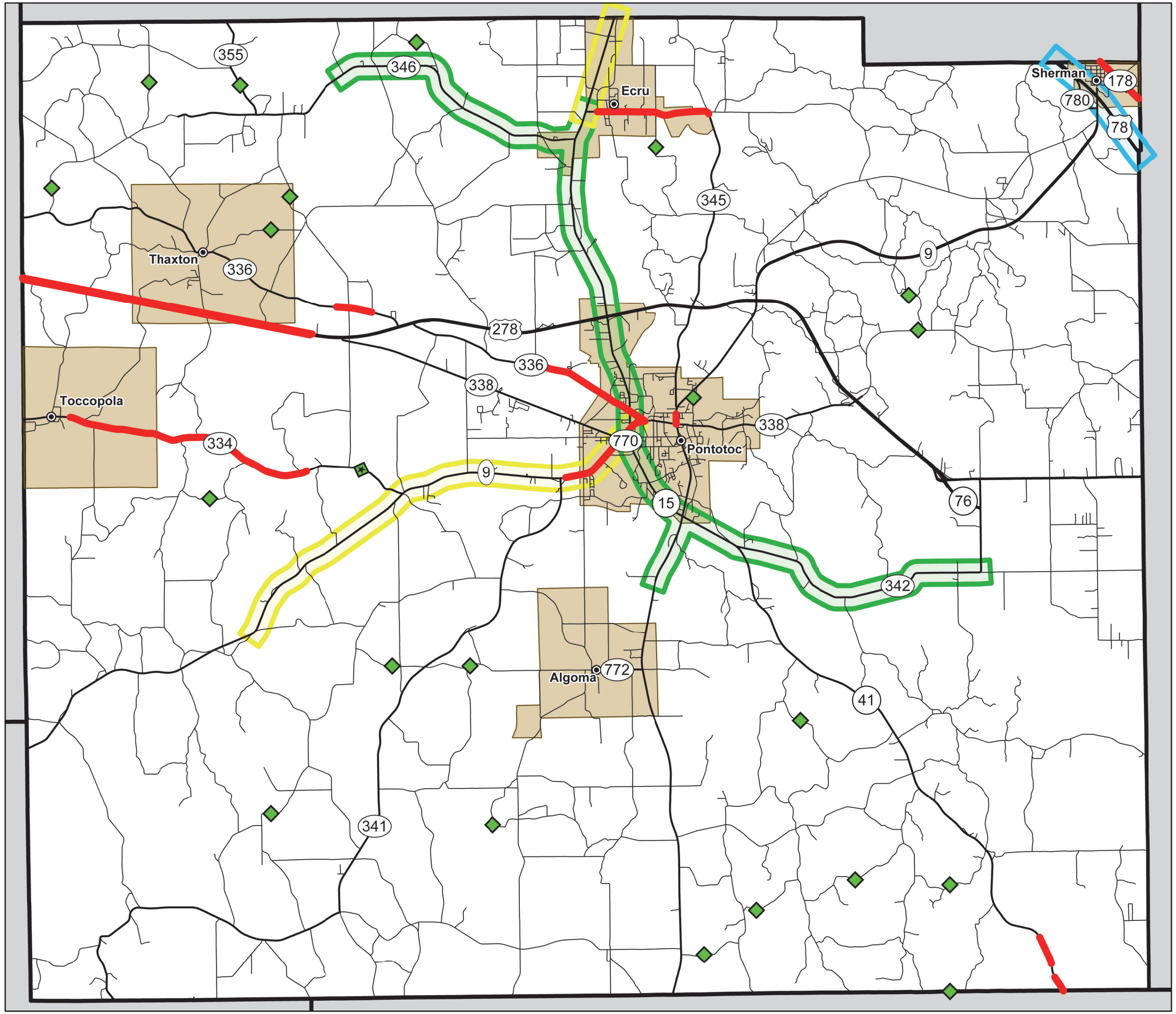
MDOT PLANNING DIVISION

# Pike County

US 51 over Unnamed Stream Not Posted

US 51 over Unnamed Stream Not Posted C

US 51 over Unnamed Stream Not Posted B




# PONTOTOC COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- KEY FREIGHT CORRIDOR
- MANUFACTURING/INDUSTRY

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $11,673,236 | $14,347,962 | $15,339,874 |

N

0 1 2 3 4 5
Miles

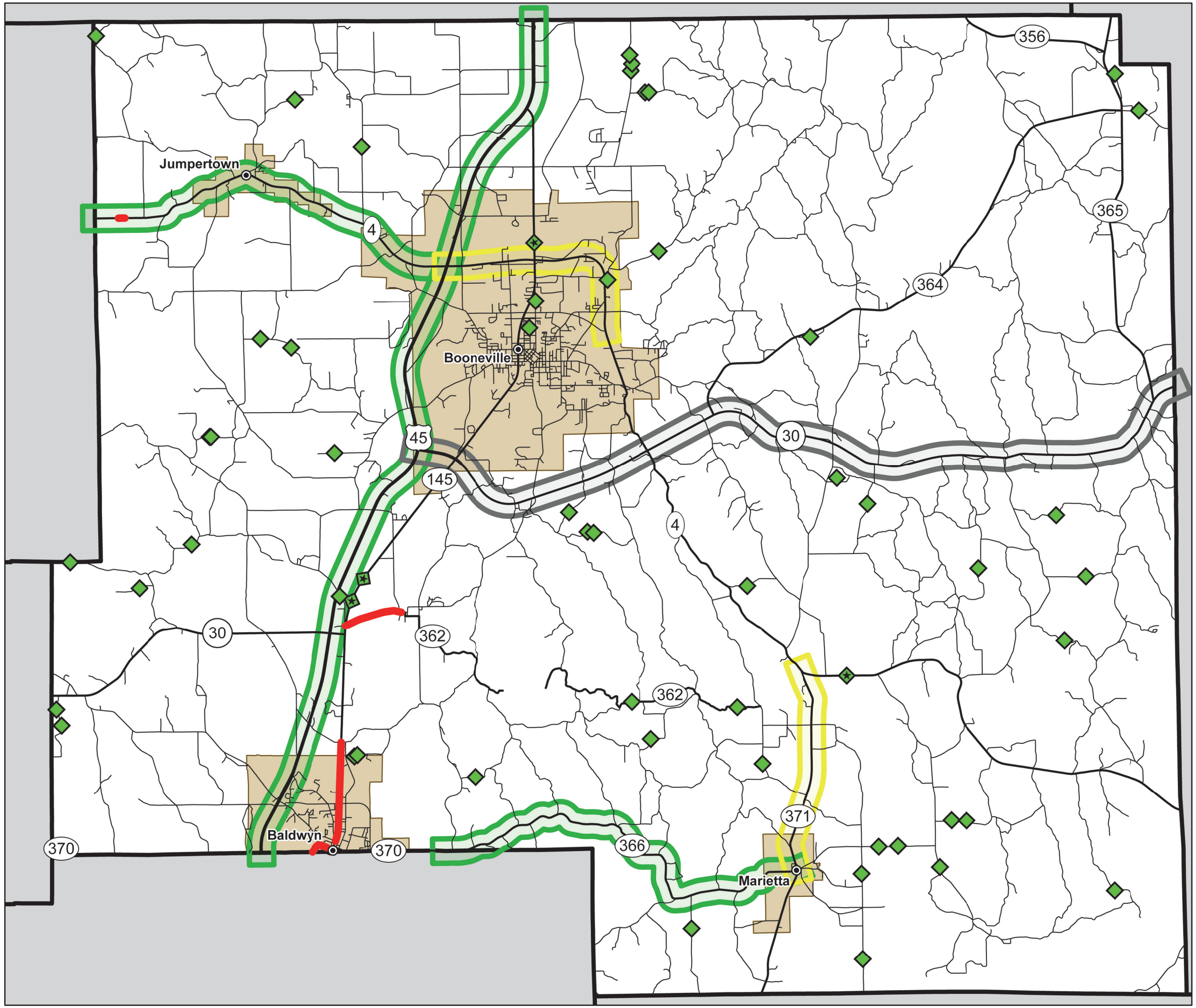
MDOT PLANNING DIVISION

# Pontotoc County

MS 15 over Lapatubby Creek

MS 15 over Lapatubby Creek

MS 15 over Lapatubby Creek




# PRENTISS COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- MANUFACTURING/INDUSTRY
- MINING/GRAVEL

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $950,015 | $15,888,126 | $33,682,174 |

N

0 1 2 3 4 5
Miles

MDOT PLANNING DIVISION

# Prentiss County

MS 145 over Wolf Creek

MS 145 over Wolf Creek

MS 145 over Wolf Creek

Crenshaw
716
714
Sledge
315
Falcon
Darling
316
3
278
Marks
Lambert
321
322
Crowder
322

## QUITMAN COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- MANUFACTURING/INDUSTRY

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| | $32,572,665 | $27,724,852 |

N

0 1 2 3 4 5
Miles

MDOT PLANNING DIVISION

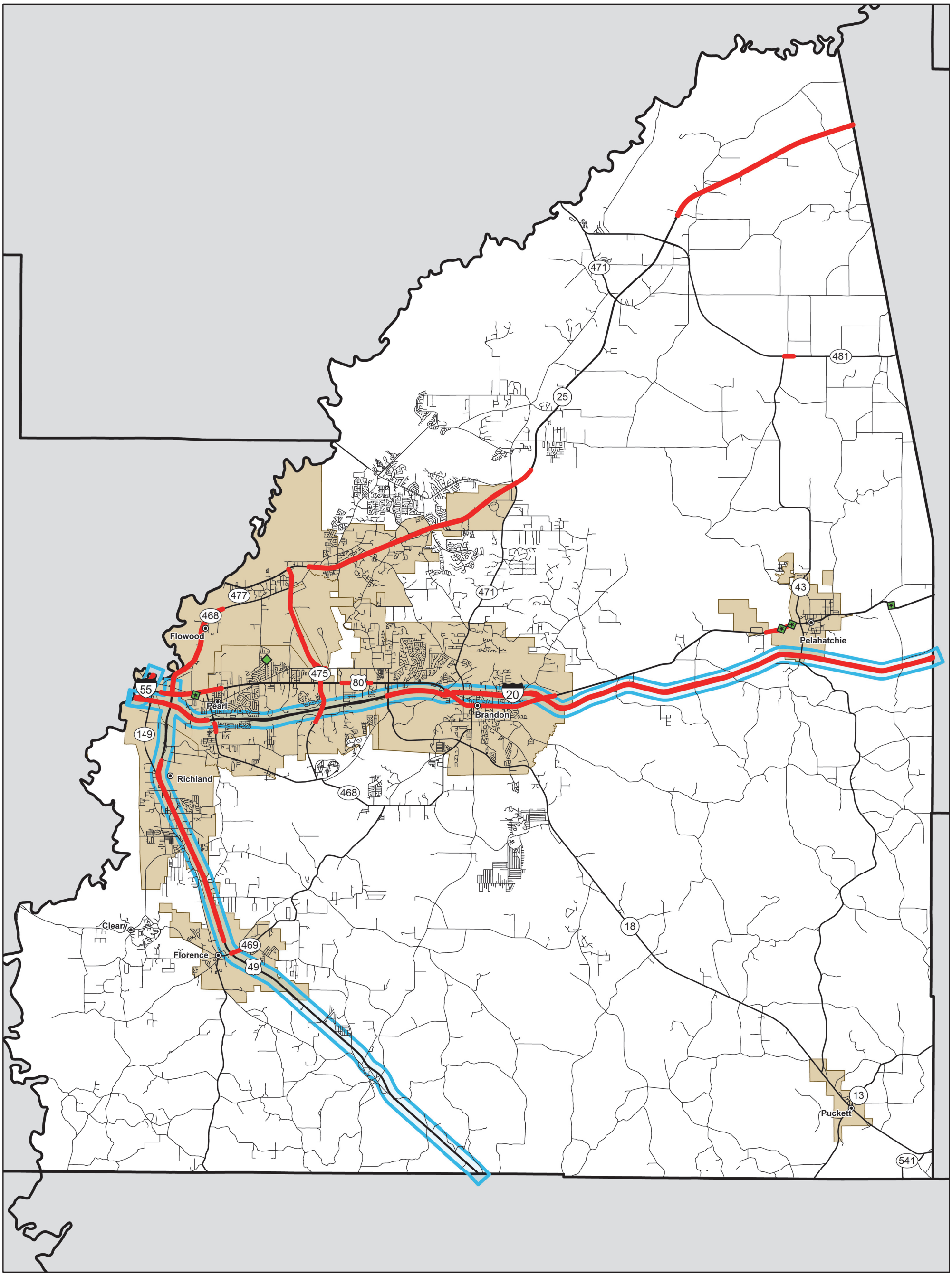
# Quitman County

US 278 over One Mile Bayou Posted

US 278 over One Mile Bayou Posted

US 278 over Canal Posted

US 278 over Canal Posted




## RANKIN COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- KEY FREIGHT CORRIDOR

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $57,324,085 | $163,635,303 | $10,703,614 |

N

0 1 2 3 4 5

Miles

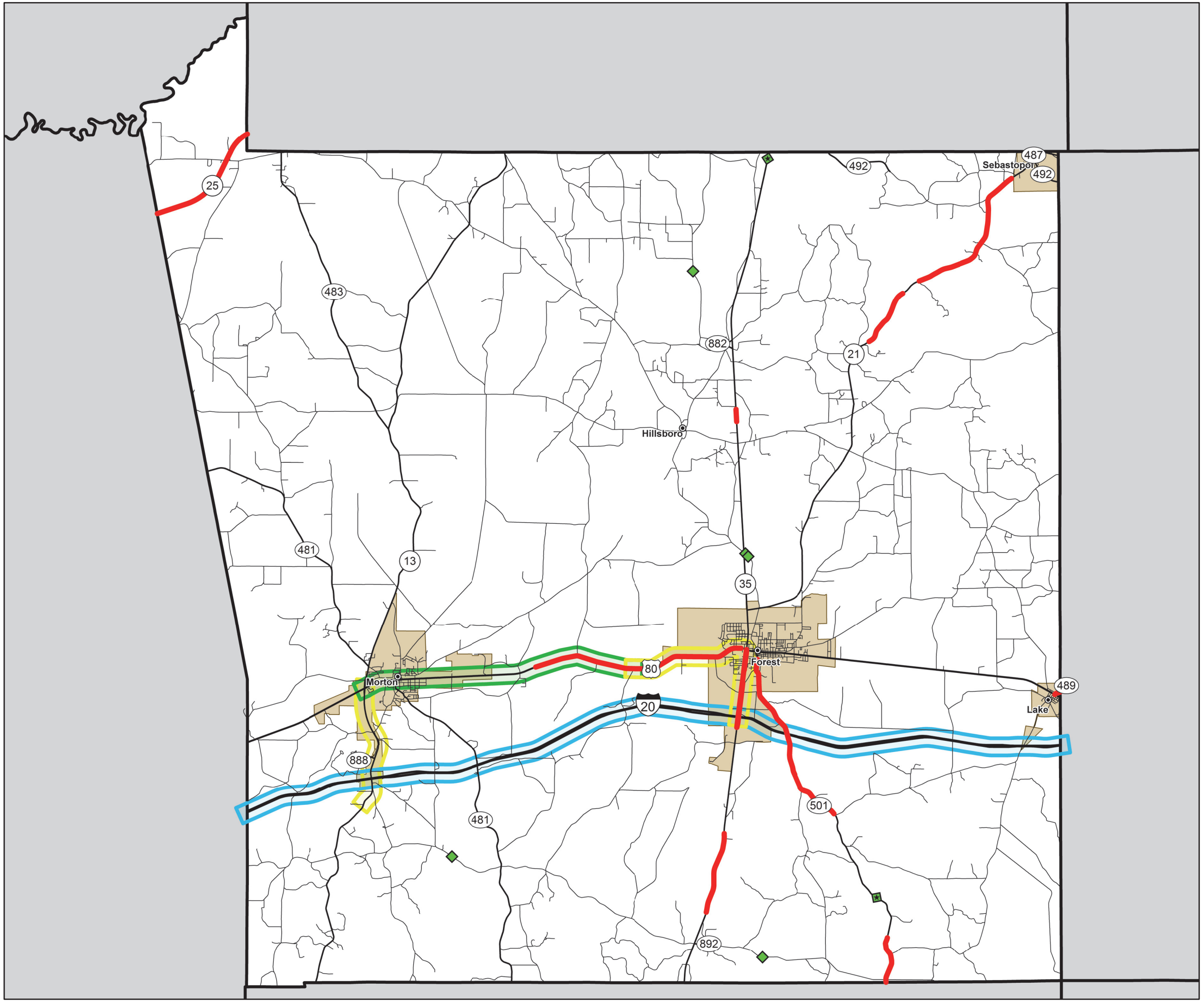
MDOT PLANNING DIVISION

# Rankin County

US 80 over KCS Posted

US 80 over KCSRR Posted

US 80 over KCSRR Posted




# SCOTT COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- KEY FREIGHT CORRIDOR
- MANUFACTURING/INDUSTRY

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $31,526,169 | $20,396,502 | $8,226,745 |

N

0 1 2 3 4 5
Miles

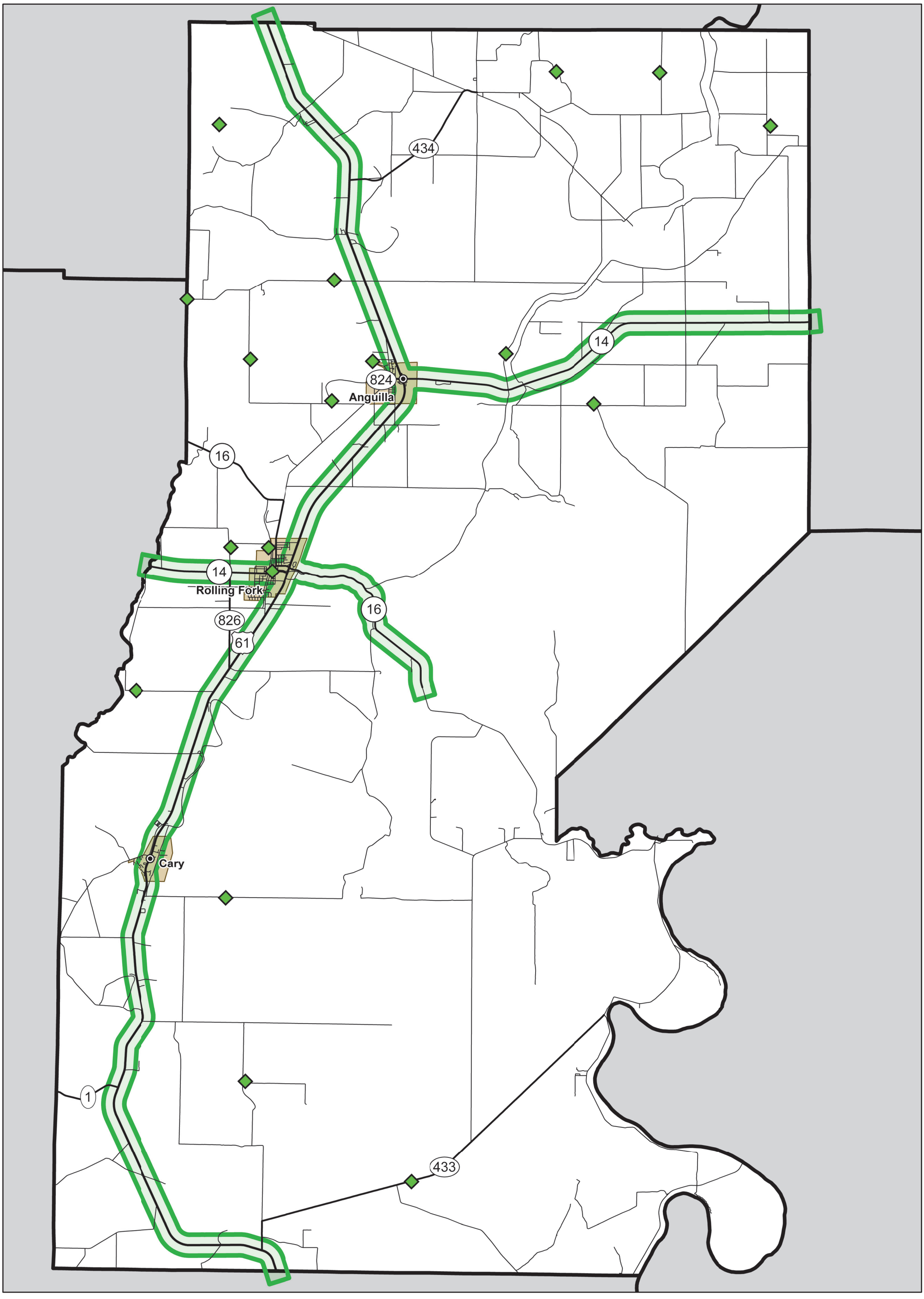
MDOT PLANNING DIVISION

# Scott County

MS 501 over Leaf River Posted

MS 501 over Leaf River Posted

MS 501 over Leaf River Posted




## SHARKEY COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| | $3,542,646 | $14,482,995 |

N

0 1 2 3 4 5
Miles

MDOT PLANNING DIVISION

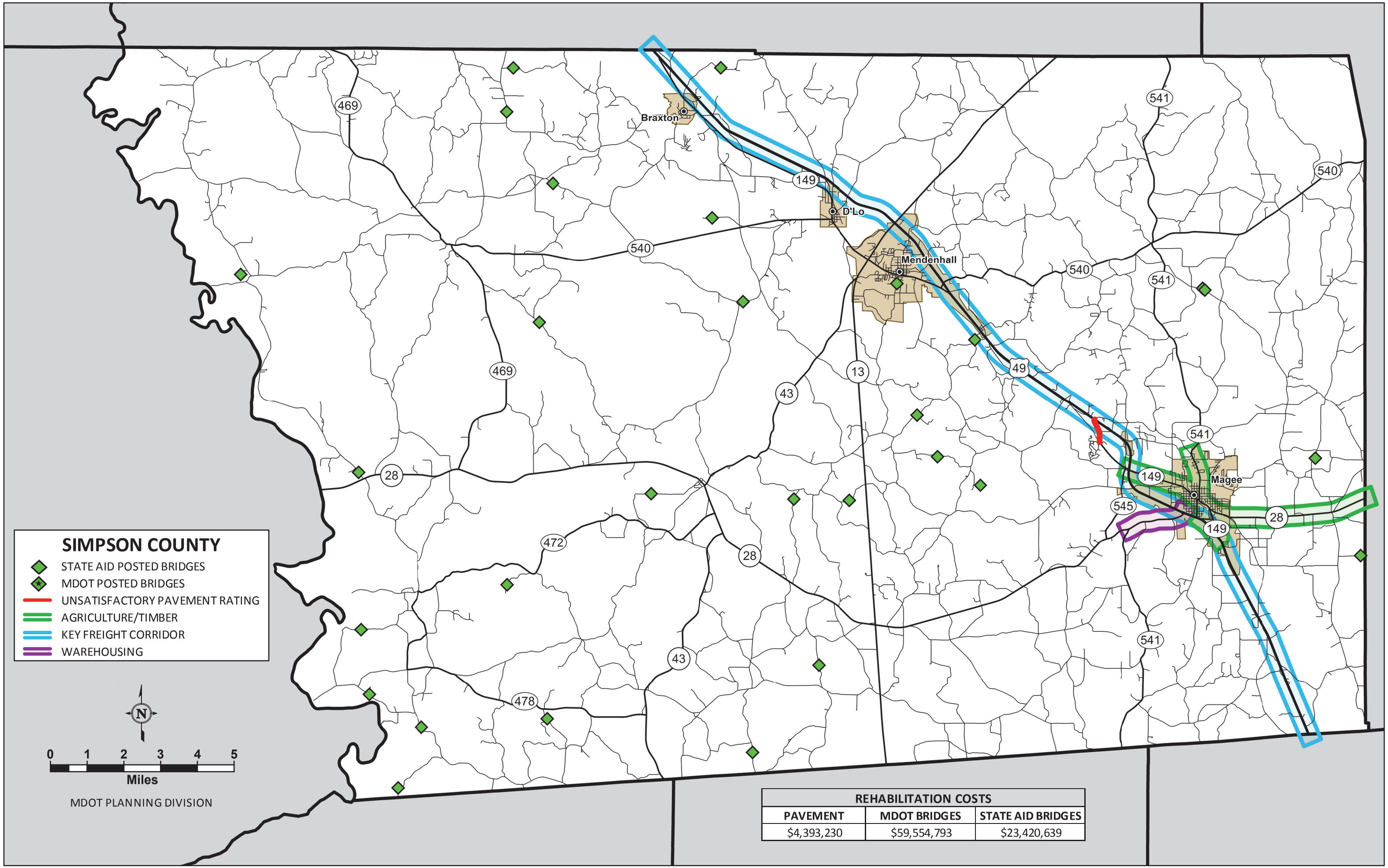
# Sharkey County

MS 14 (A) over Ditch

MS 14 (B) over Ditch

MS 16 (A) over Little Sunflower River

MS 16 (B) over Little Sunflower River

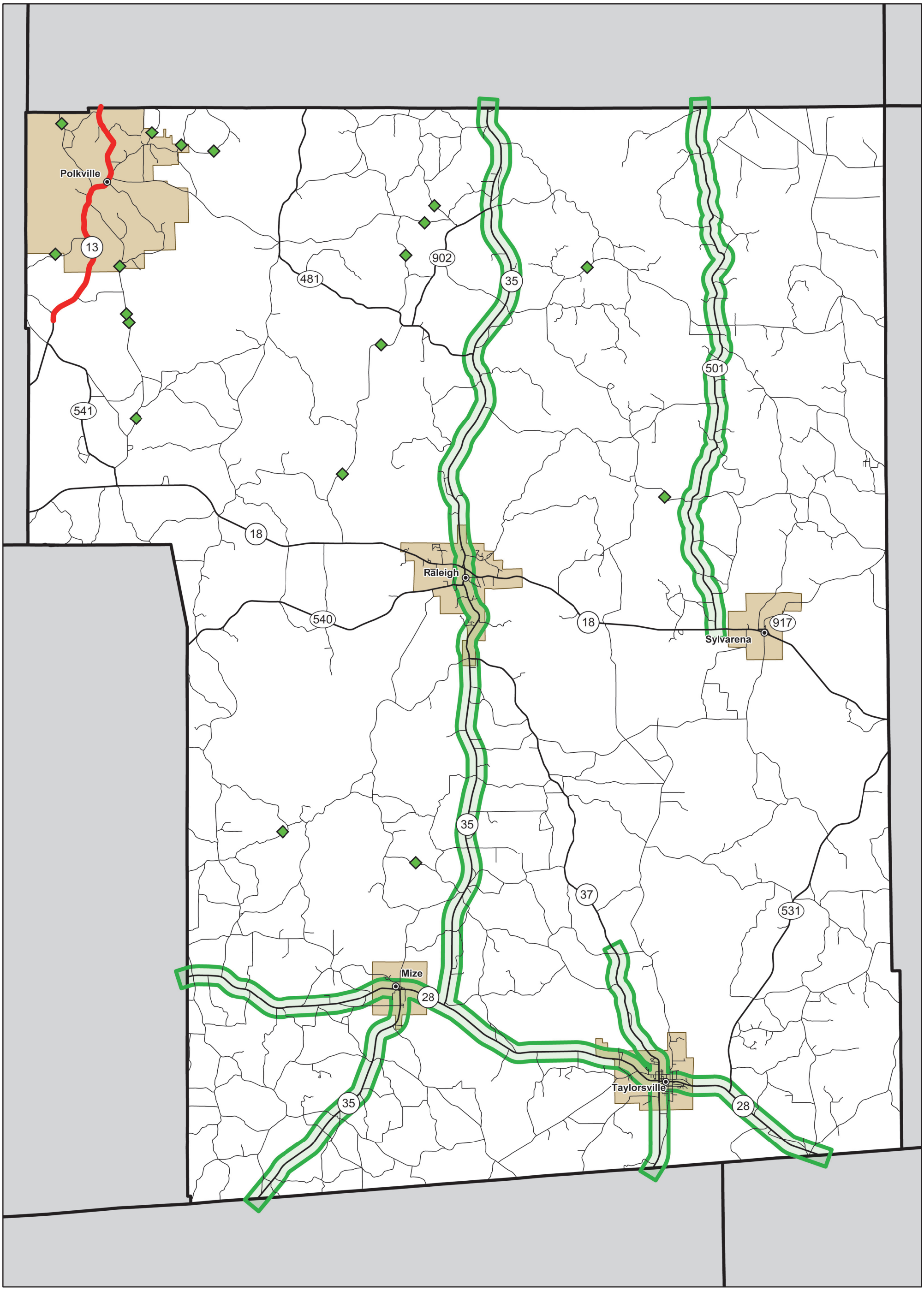



| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $4,393,230 | $59,554,793 | $23,420,639 |

# Simpson County

MS 28 over Tanyard Creek Box Bridge Not Posted

MS 28 over Tanyard Creek Box Bridge Not Posted




## SMITH COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $3,140,190 | | $18,750,741 |

N

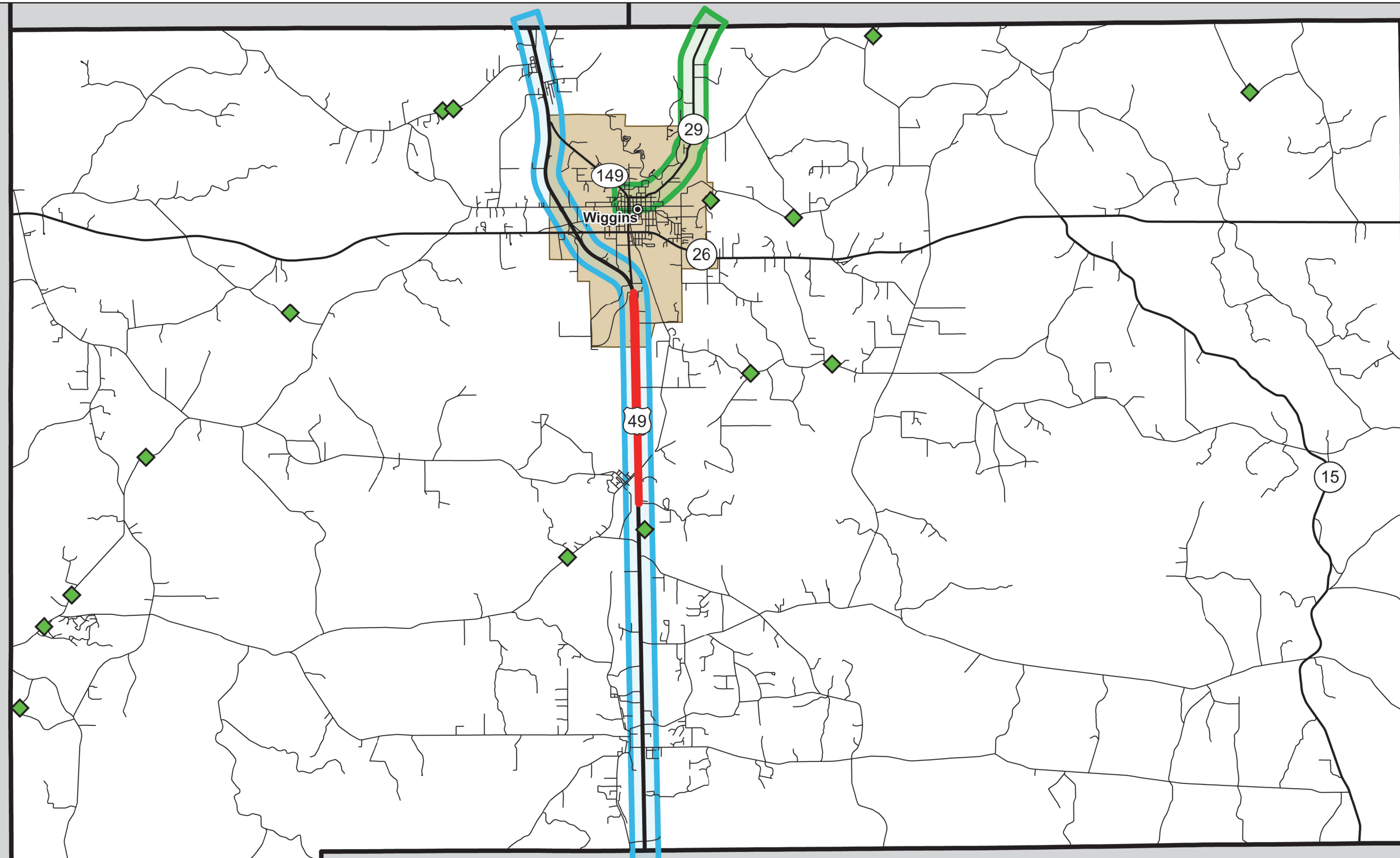
0 1 2 3 4 5

Miles

MDOT PLANNING DIVISION

MS 37 over Fisher Creek Not Posted

MS 37 over Fisher Creek Not Posted




## STONE COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- KEY FREIGHT CORRIDOR

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $4,483,620 | $28,205,144 | $17,039,210 |

N

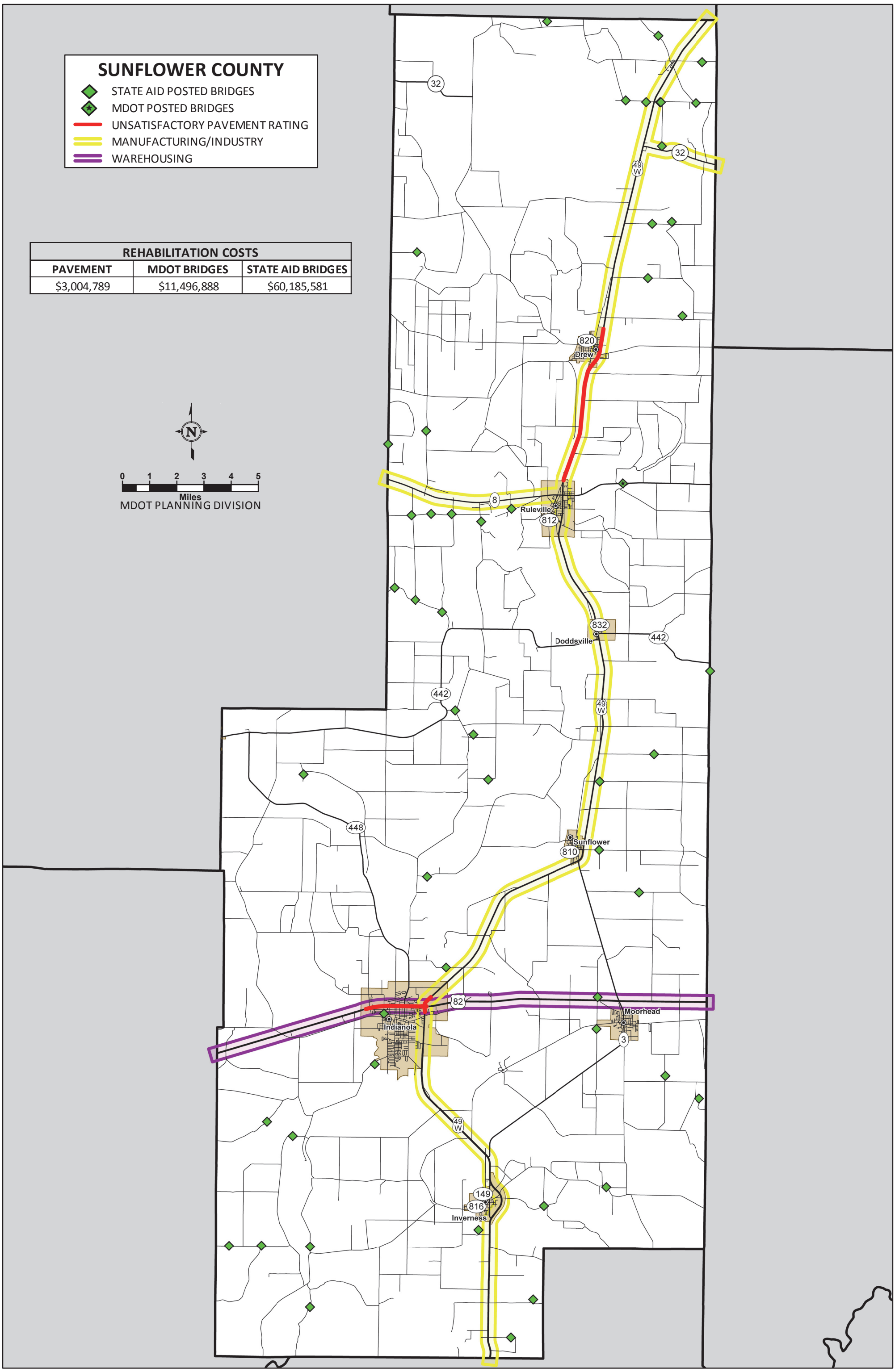
0 1 2 3 4 5

Miles

MDOT PLANNING DIVISION

MS 26 over Black Creek

MS 26 over Black Creek




| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $3,004,789 | $11,496,888 | $60,185,581 |

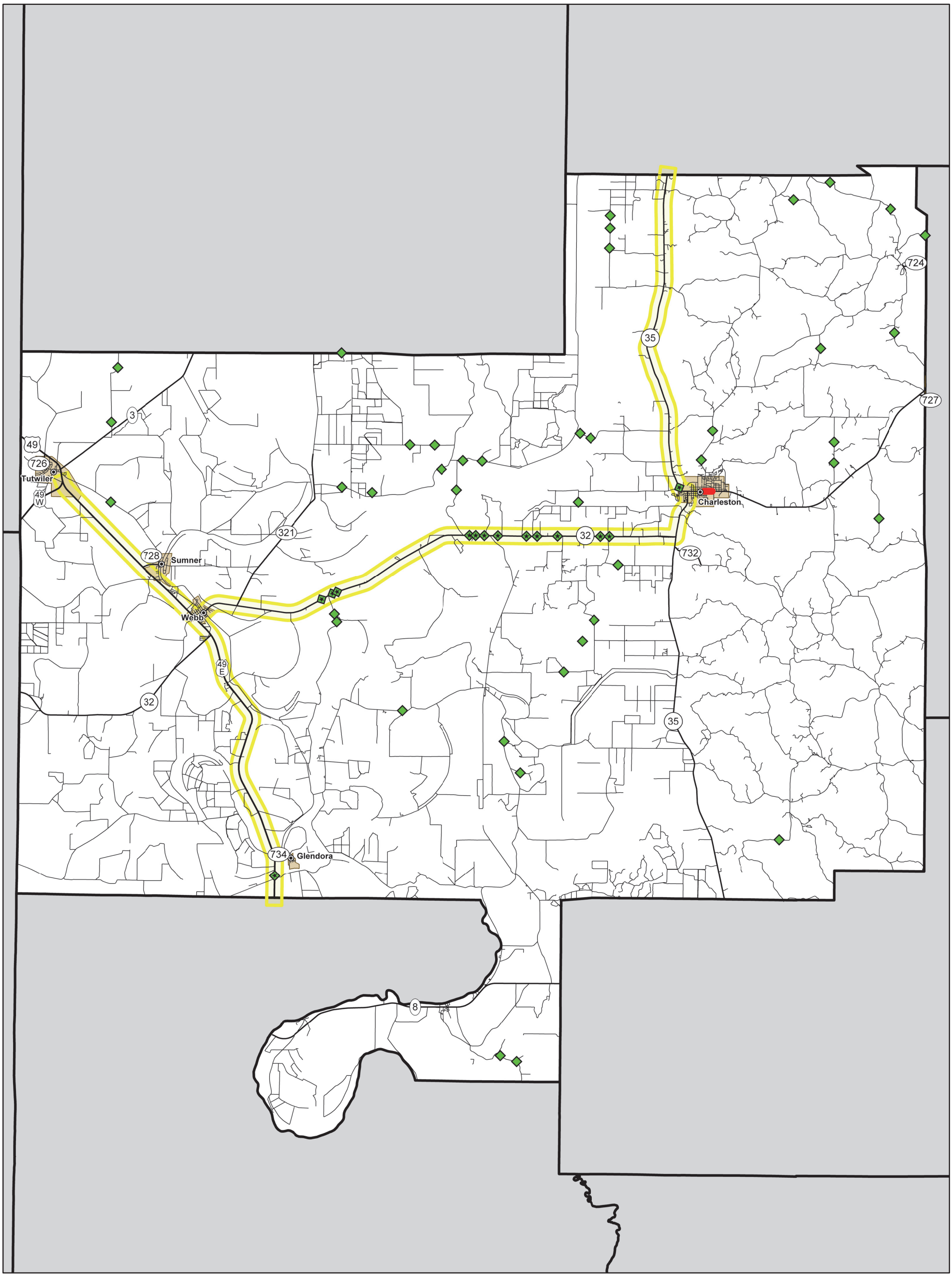
# Sunflower County

US 82 (A) over Sunflower River

US 82 (B) over Sunflower River

MS 8 (A) over Quiver River

MS 8 (B) over Quiver River




## TALLAHATCHIE COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- MANUFACTURING/INDUSTRY

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $223,560 | $27,670,507 | $50,185,823 |

N

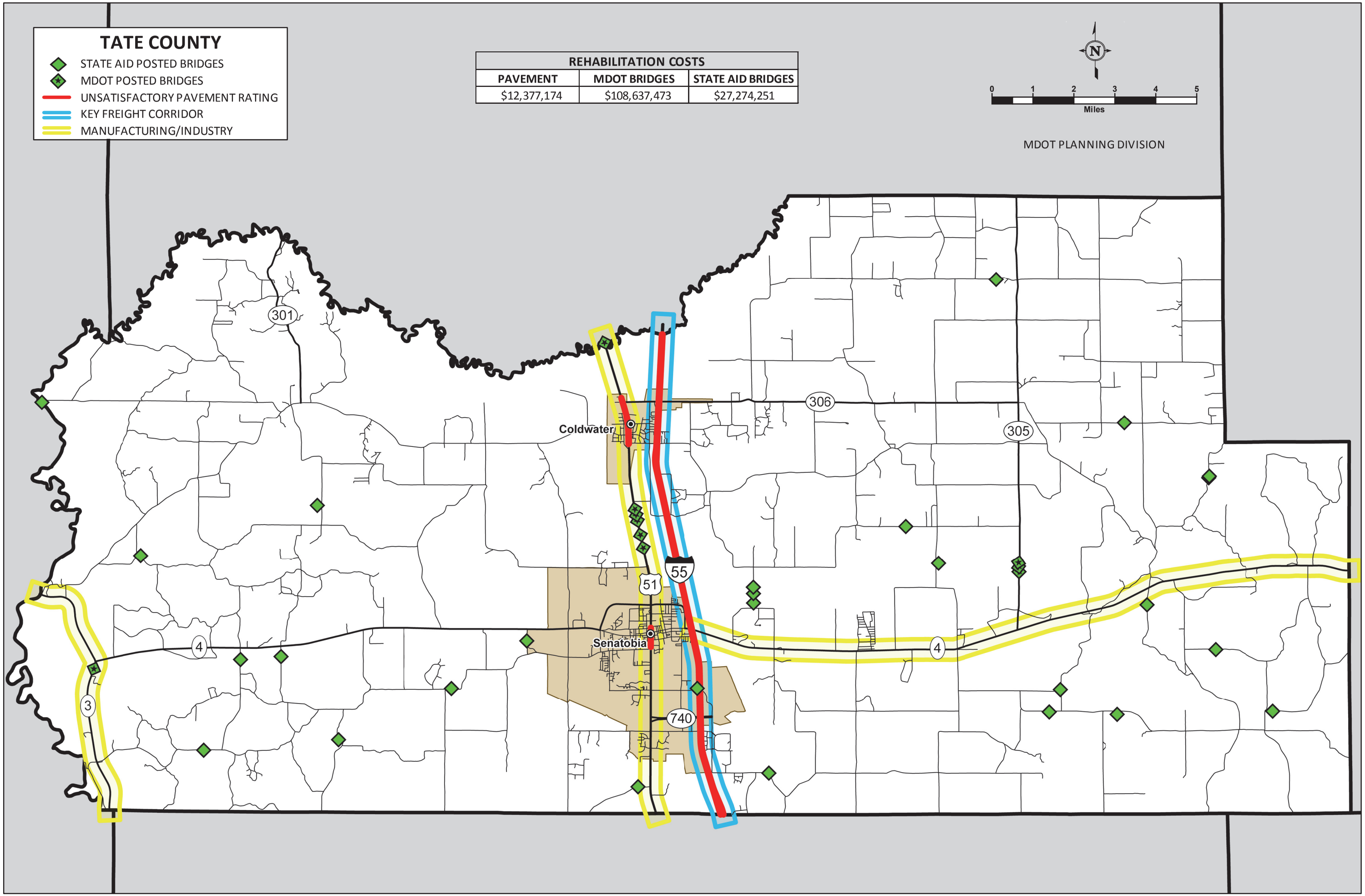
0 1 2 3 4 5
Miles

MDOT PLANNING DIVISION

MS 32 over Relief Opening Posted

MS 32 over Relief Opening Posted

MS 32 over Relief Opening Posted




| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $12,377,174 | $108,637,473 | $27,274,251 |

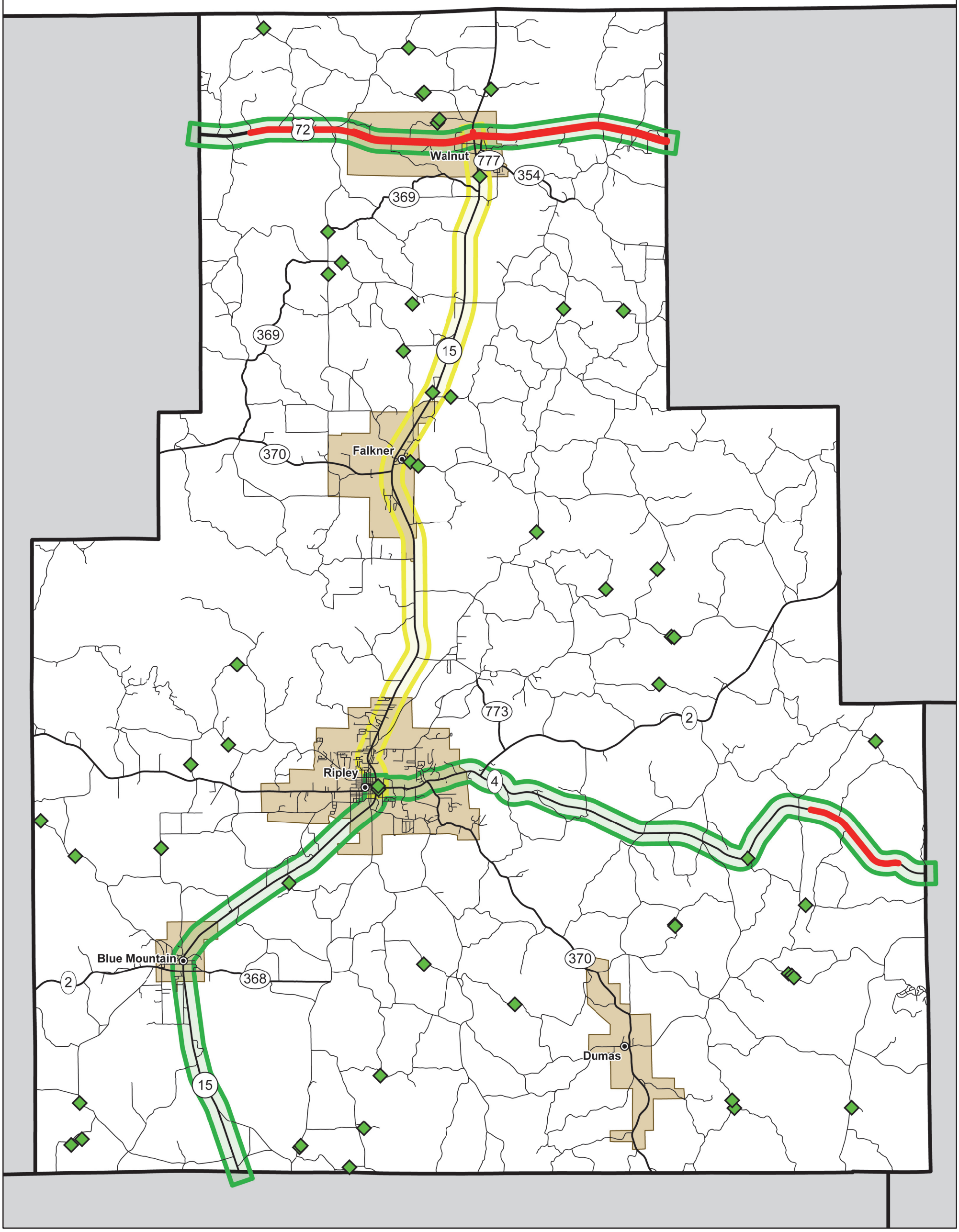
# Tate County

US 51 over Coldwater River Posted

US 51 over Coldwater River Posted

MS 3 over Strayhorn Canal Posted

MS 3 over Strayhorn Canal Posted




## TIPPAH COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- MANUFACTURING/INDUSTRY

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $9,412,566 | | $35,563,751 |

N

0 1 2 3 4 5
Miles

MDOT PLANNING DIVISION

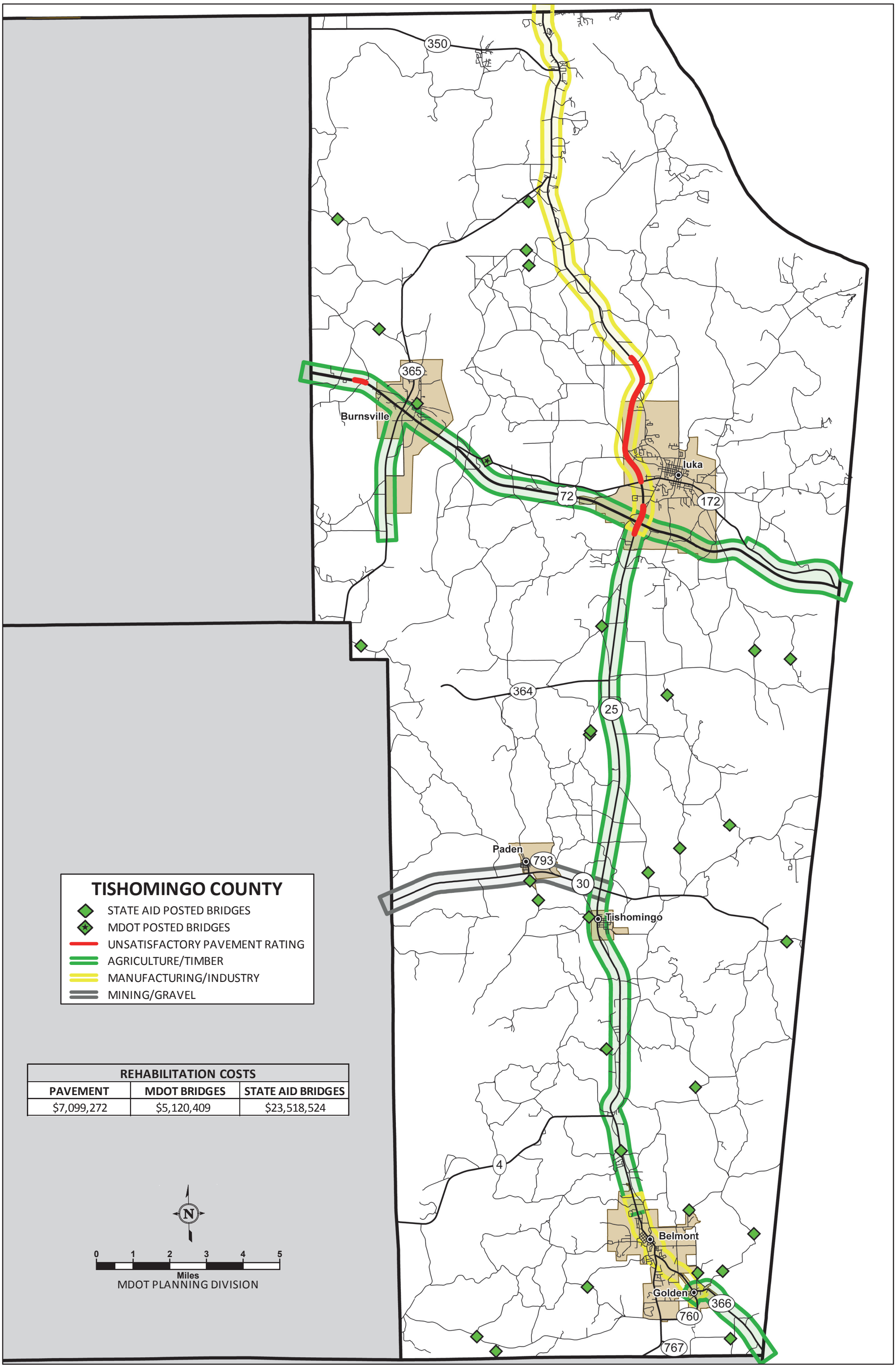
# Tippah County

MS 15 over North Prong Muddy Creek

MS 15 over North Prong Muddy Creek

MS 15 over Tippah River

MS 15 over Tippah River




| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $7,099,272 | $5,120,409 | $23,518,524 |

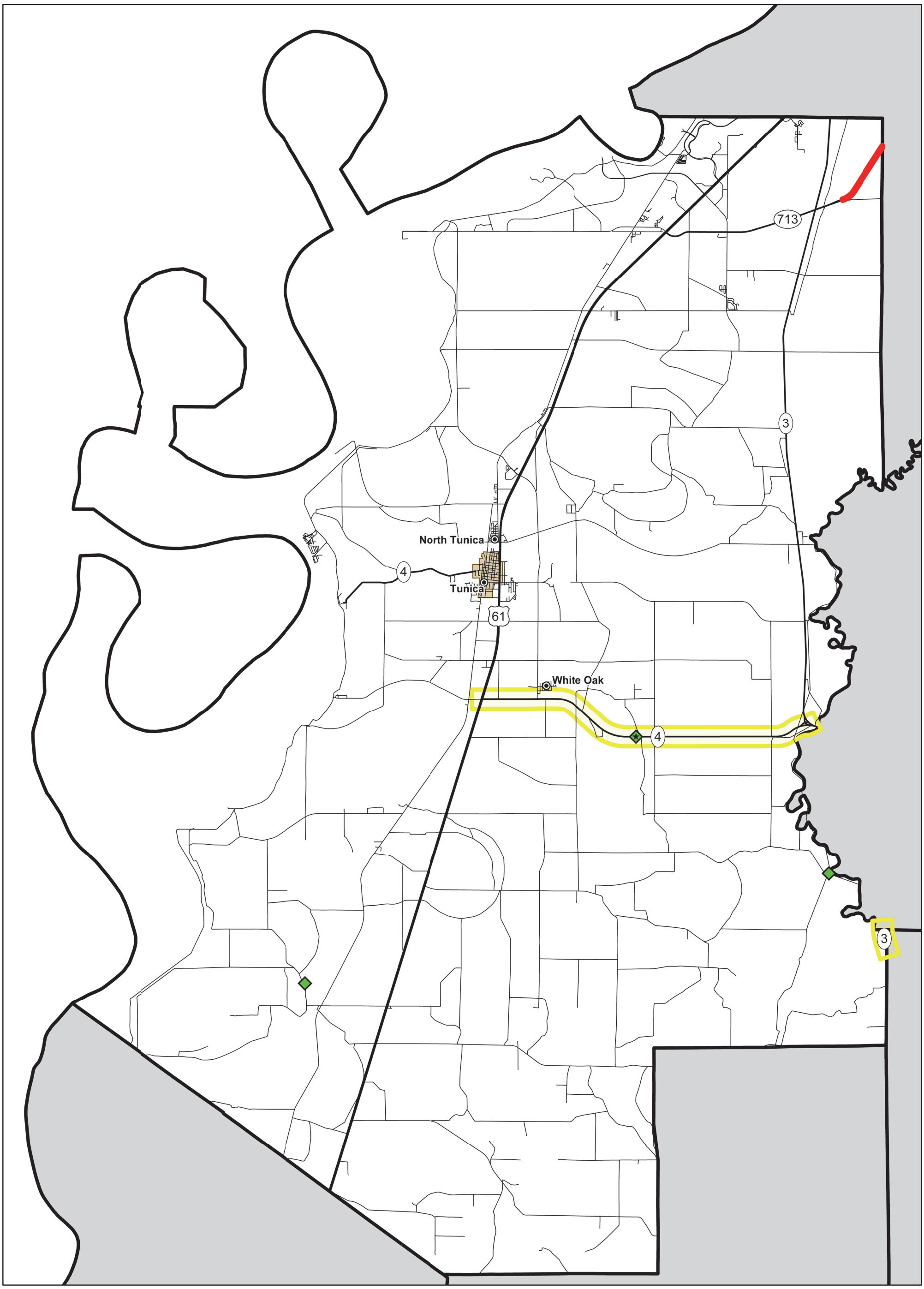
# Tishomingo County

MS 25 over Redmont RR

MS 25 over Redmont RR

MS 172 over Little Yellow Creek

MS 172 over Little Yellow Creek




## TUNICA COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- MANUFACTURING/INDUSTRY

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $1,661,520 | $4,909,121 | $2,049,015 |

N

0 1 2 3 4 5
Miles

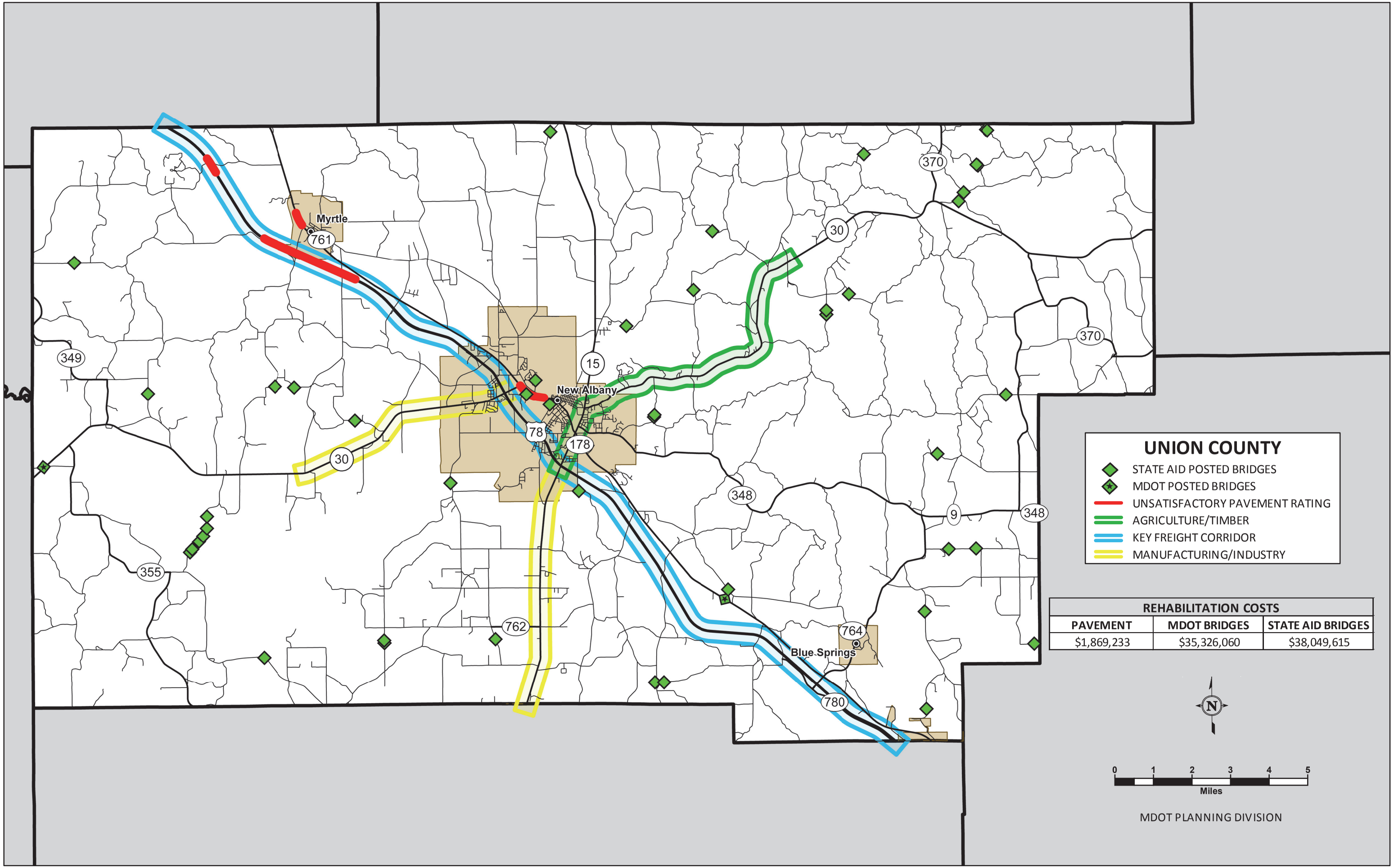
MDOT PLANNING DIVISION

# Tunica County

MS 4 over White Oak Bayou Posted

MS 4 over White Oak Bayou Posted

MS 4 over White Oak Bayou Posted




| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $1,869,233 | $35,326,060 | $38,049,615 |

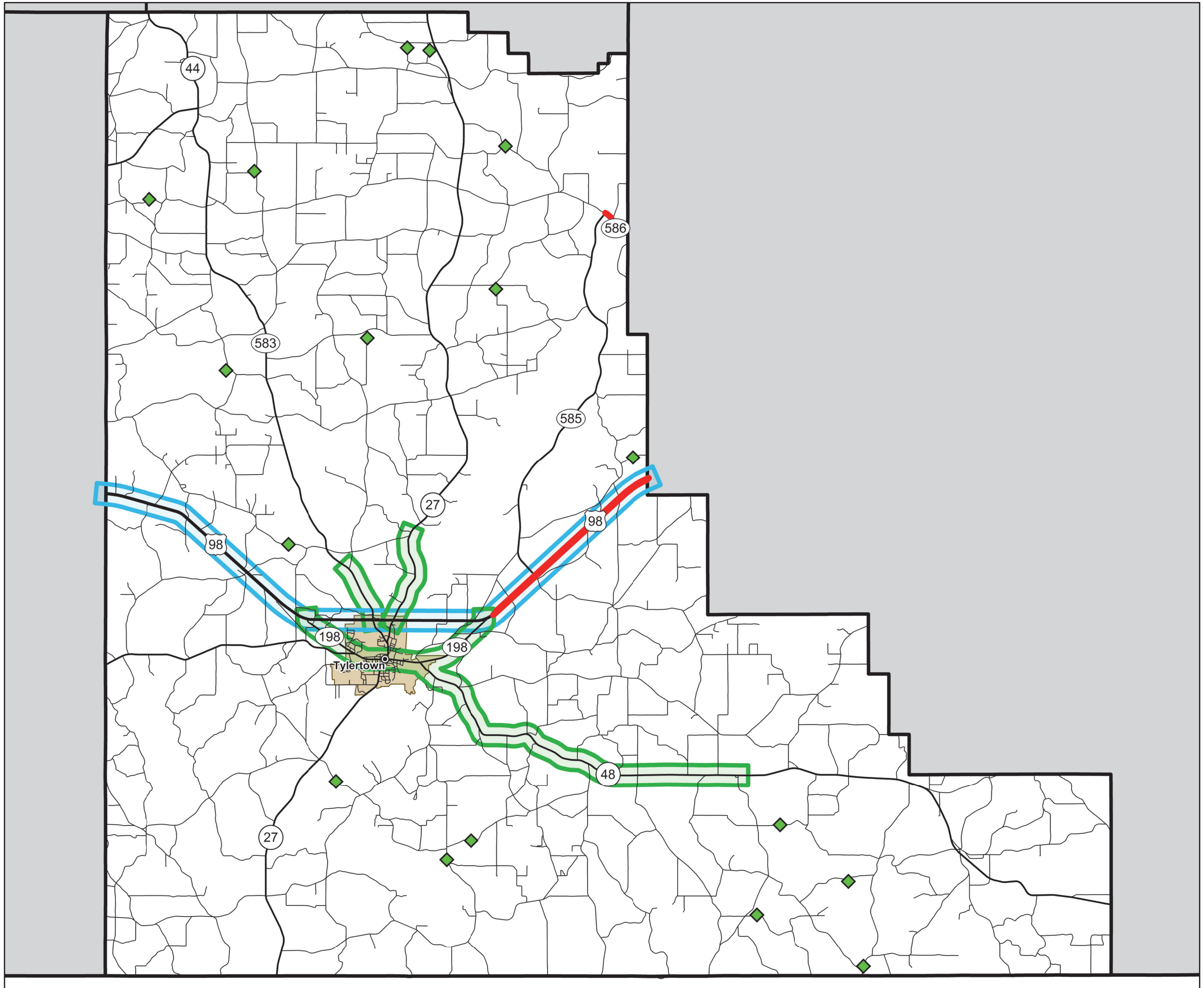
# Union County

MS 15 over Relief (Slough)

MS 15 over Relief (Slough)

MS 178 over Okannatie W B

MS178 over Okannatie W B




# WALTHALL COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- KEY FREIGHT CORRIDOR

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $4,250,124 | | $16,712,485 |

N

0 1 2 3 4 5

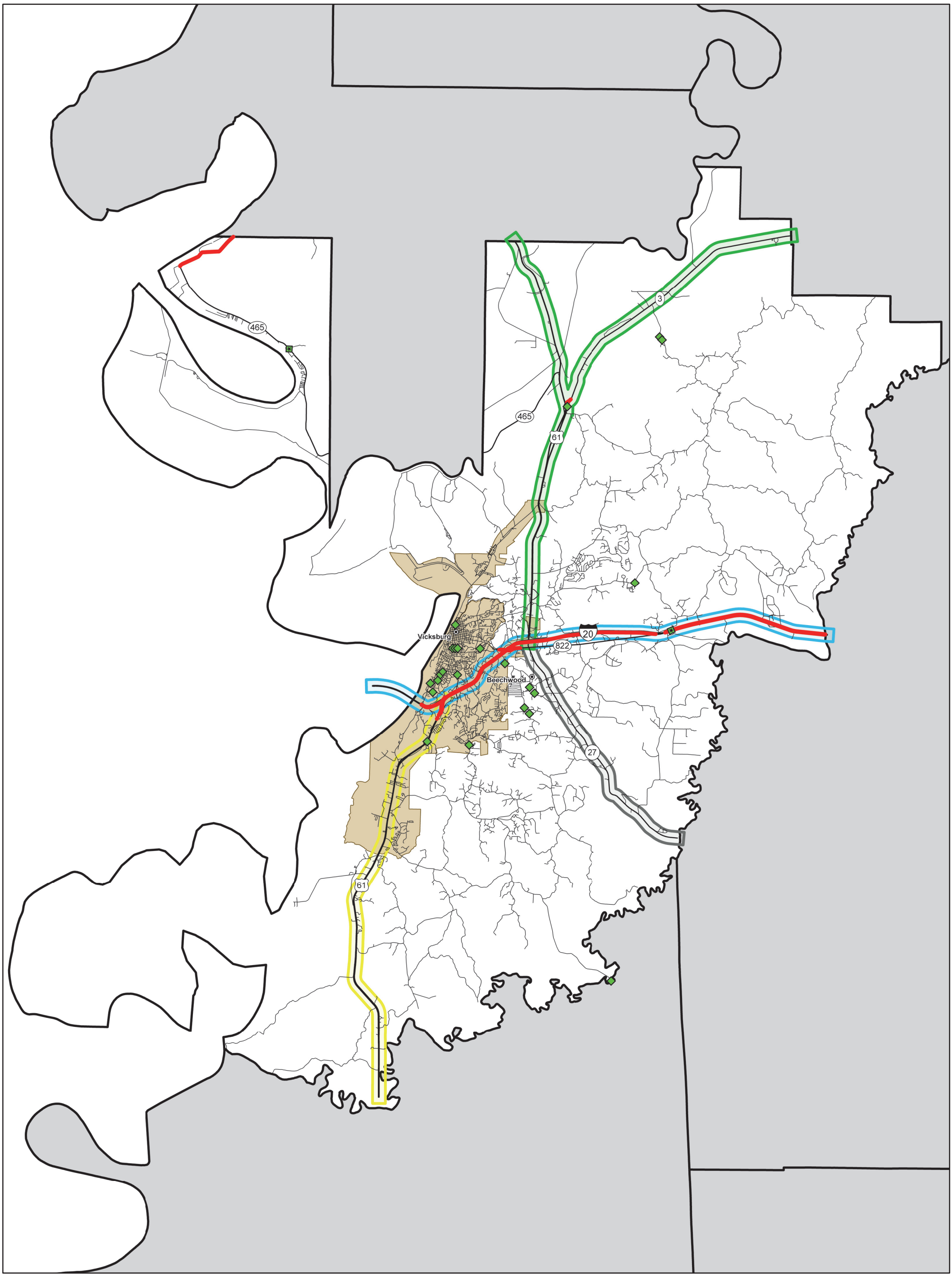
Miles

MDOT PLANNING DIVISION

# Walthall County

MS 27 over Union Creek Not Posted

MS 27 over Union Creek Not Posted




## WARREN COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- KEY FREIGHT CORRIDOR
- MANUFACTURING/INDUSTRY
- MINING/GRAVEL

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $14,746,358 | $194,593,033 | $29,887,904 |

N

0 1 2 3 4 5
Miles

MDOT PLANNING DIVISION

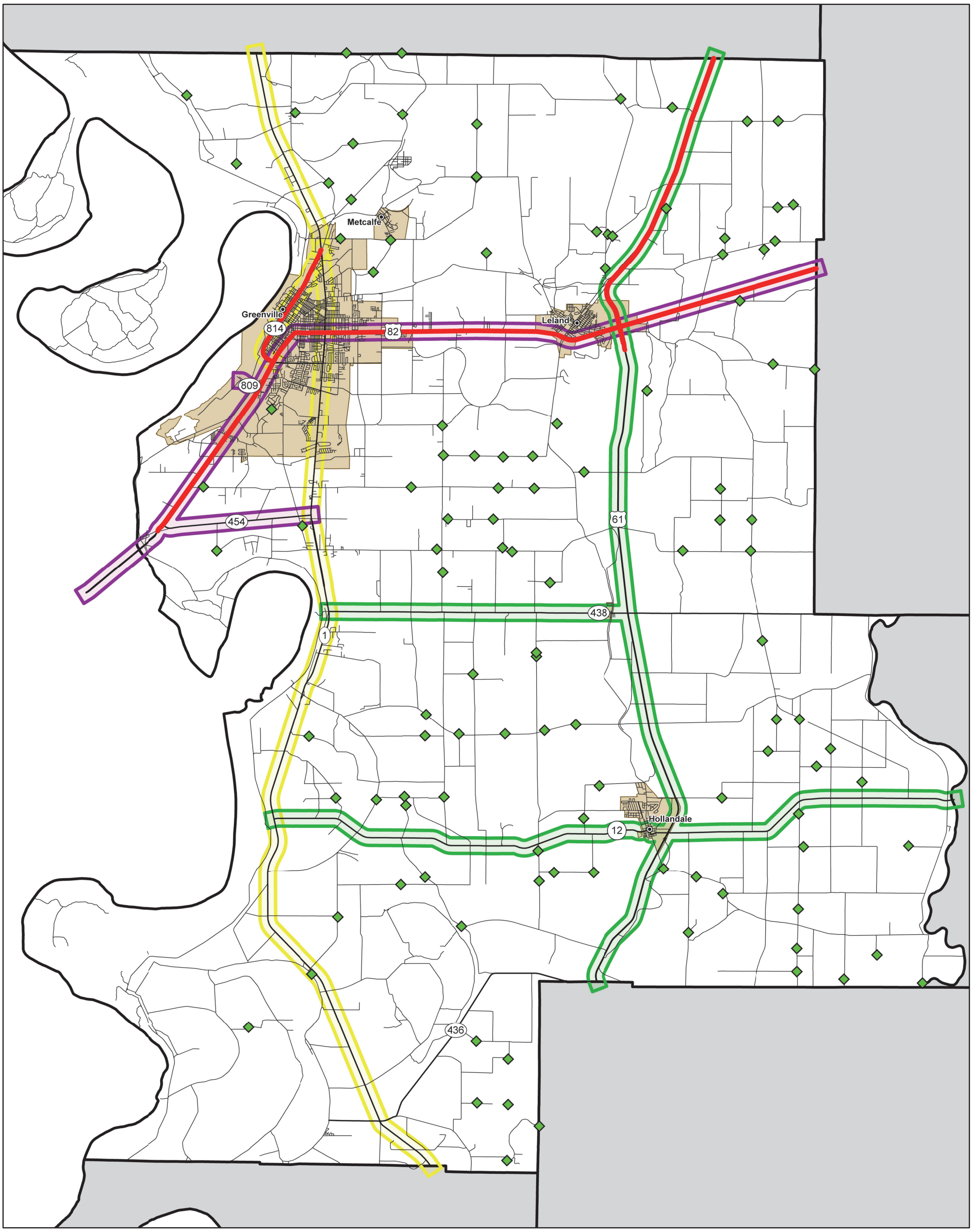
# Warren County

US 61 (A) across Sunflower River

US 61 (B) across Sunflower River

MS 465 (A) across Muddy Bayou

MS 465 (B) across Muddy Bayou




## WASHINGTON COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- MANUFACTURING/INDUSTRY
- WAREHOUSING

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $39,262,932 | $12,376,423 | $102,353,136 |

N

0 1 2 3 4 5
Miles

MDOT PLANNING DIVISION

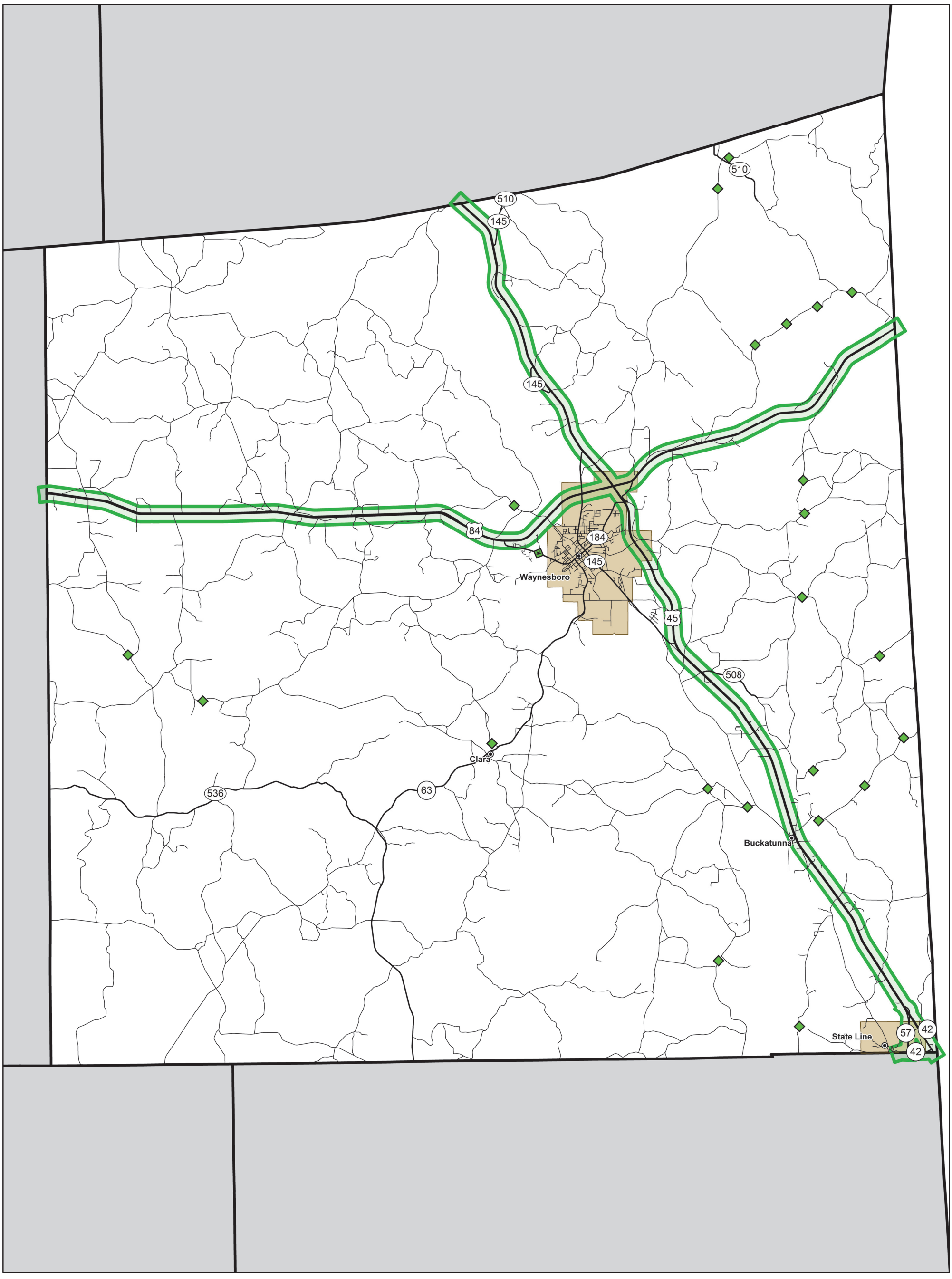
# Washington County

MS 12 (A) across Sunflower River

MS 12 (B) across Sunflower River

MS 454 (A) across Creek

MS 454 (B) across Creek




## WAYNE COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| | $7,030,224 | $27,036,433 |

N

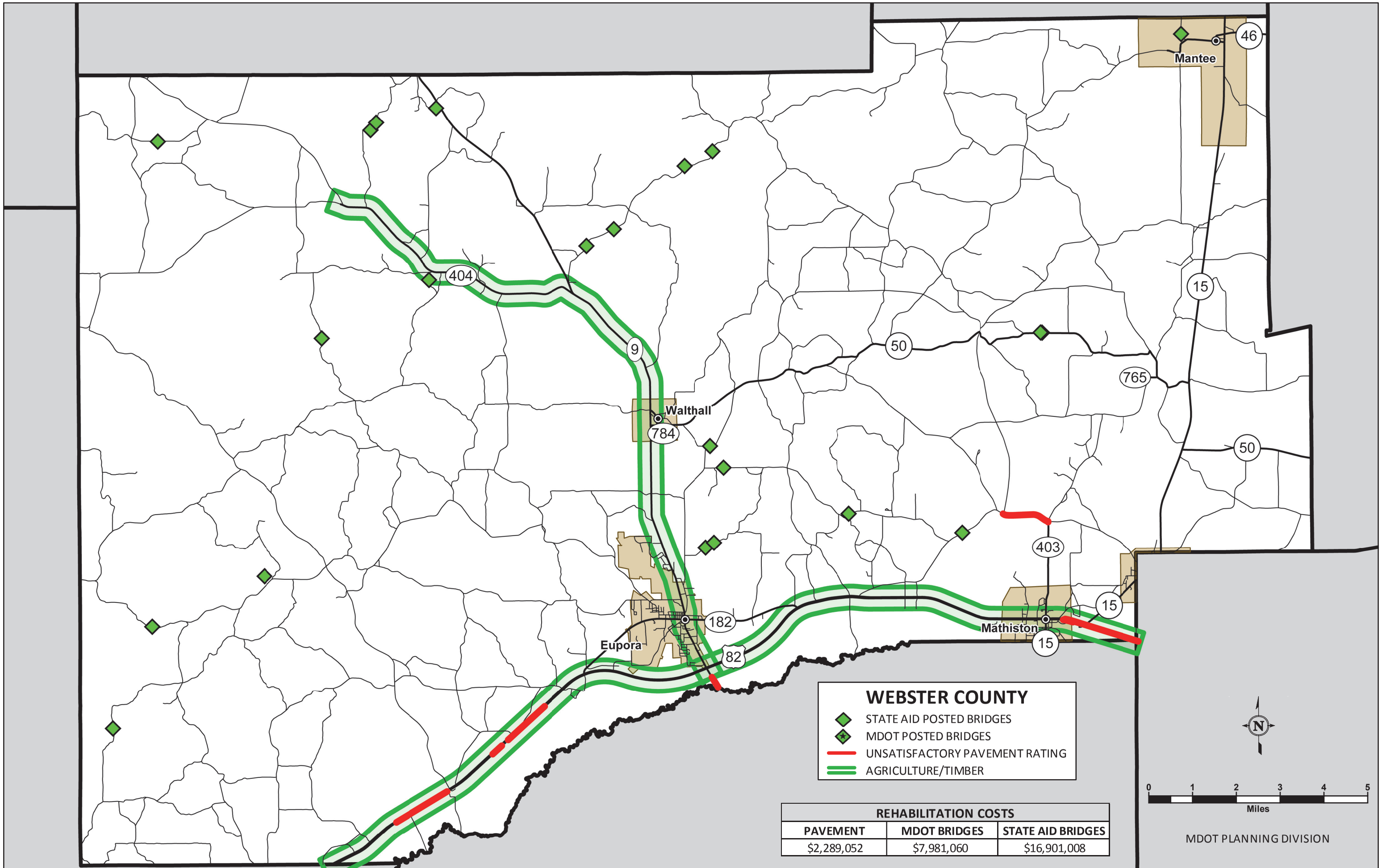
0 1 2 3 4 5

Miles

MDOT PLANNING DIVISION

MS 184 over Chickasawhay River

MS 184 over Chickasawhay River




| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $2,289,052 | $7,981,060 | $16,901,008 |

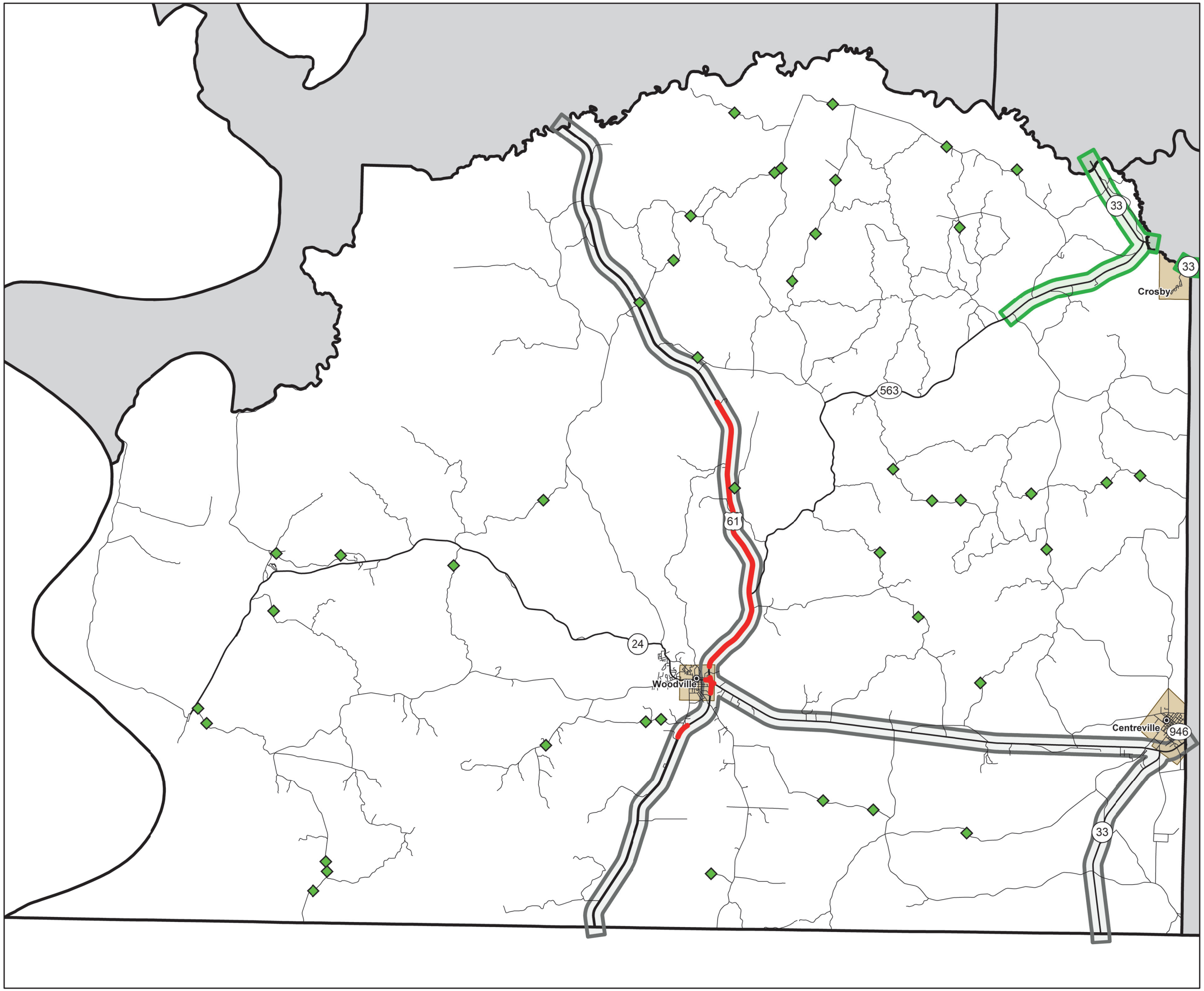
# Webster County

MS 182 over Little Black Creek

MS 182 over Little Black Creek

MS 182 over White Creek Canal

MS 182 over White Creek Canal




# WILKINSON COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- MINING/GRAVEL

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $11,984,886 | | $37,952,874 |

N

0 1 2 3 4 5

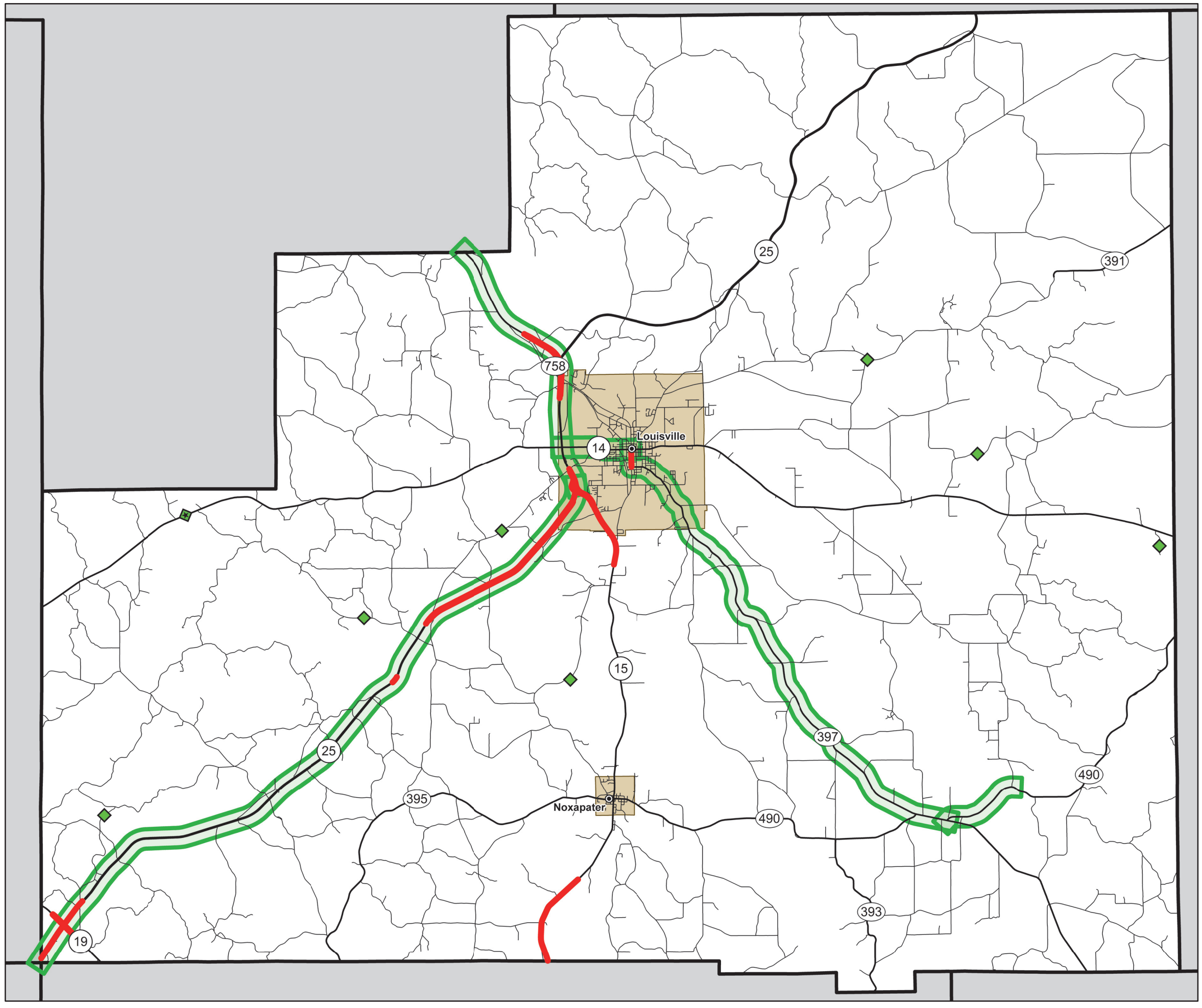
Miles

MDOT PLANNING DIVISION

# Wilkinson County

MS 33 over Homochitto River Not Posted

MS 33 over Homochitto River Not Posted




## WINSTON COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $8,663,203 | $4,002,526 | $7,040,432 |

N

0 1 2 3 4 5
Miles

MDOT PLANNING DIVISION

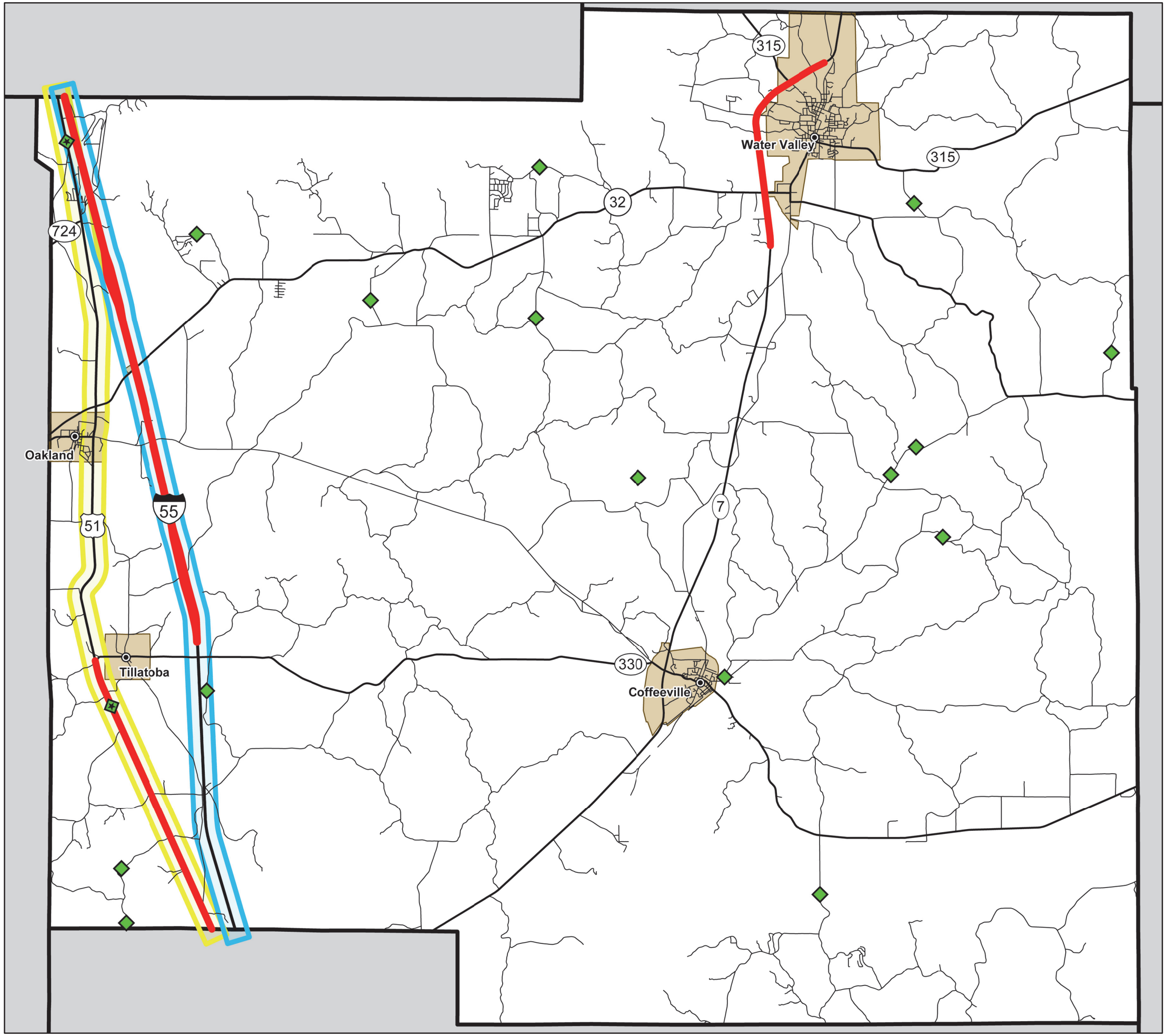
# Winston County

MS 14 over Lobutcha Creek

MS 14 over Lobutcha Creek

MS 15 over Relief

MS 15 over Relief




## YALOBUSHA COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- KEY FREIGHT CORRIDOR
- MANUFACTURING/INDUSTRY

| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $15,470,421 | $66,040,555 | $15,602,230 |

N

0 1 2 3 4 5
Miles

MDOT PLANNING DIVISION

# Yalobusha County

US 51 over Tillatoba Creek Posted

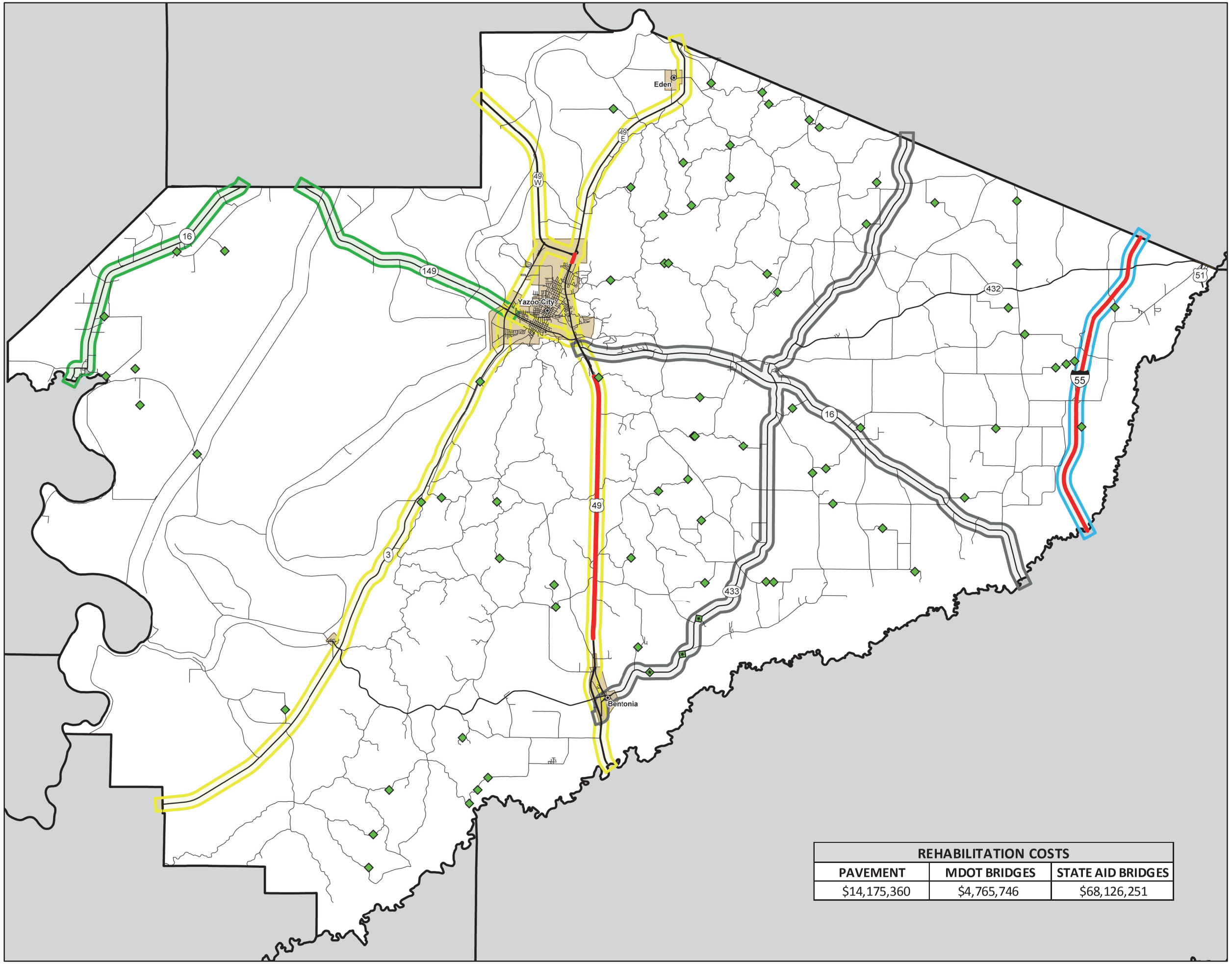
US 51 over Tillatoba Creek Posted

US 51 over Yocona River Posted

US 51 over Yocona River Posted

# YAZOO COUNTY

- STATE AID POSTED BRIDGES
- MDOT POSTED BRIDGES
- UNSATISFACTORY PAVEMENT RATING
- AGRICULTURE/TIMBER
- KEY FREIGHT CORRIDOR
- MANUFACTURING/INDUSTRY
- MINING/GRAVEL




| REHABILITATION COSTS | | |
|---|---|---|
| PAVEMENT | MDOT BRIDGES | STATE AID BRIDGES |
| $14,175,360 | $4,765,746 | $68,126,251 |

N

0 1 2 3 4 5
Miles

MDOT PLANNING DIVISION

# Yazoo County

MS 433 (A) across Bluff Creek

MS 433 (B) across Bluff Creek

MS 433 (A) across Indian Creek

MS 433 (B) across Indian Creek

# APPENDIX A: PAVEMENT RATINGS

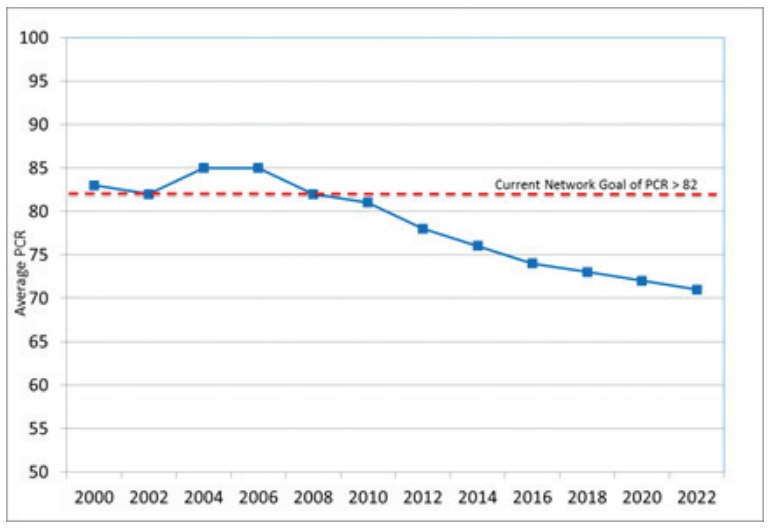
All pavement rehabilitation projects are prioritized statewide by the Pavement Rating Committee, comprised of FHWA and MDOT representatives, by inspecting the roadway and using pavement data from MDOT's Pavement Management System. Pavement programs are developed considering current pavement condition, significance of the route, traffic needs, surface continuity, economic development and future construction programming.

Pavement Condition Ratings (PCRs) are derived from analysis of data in MDOT's Pavement Management System. This condition and distress data is collected by MDOT every two years. It reflects conditions such as roughness, cracking, potholes, rutting and punch outs.

- PCRs range from 0-100 and are intended to give an overall picture of pavement condition.
- PCRs are a function of the following:
  - a. Pavement type (flexible, composite, jointed concrete, continuously reinforced concrete)
  - b. Pavement distress type and severity
  - c. Pavement ride quality

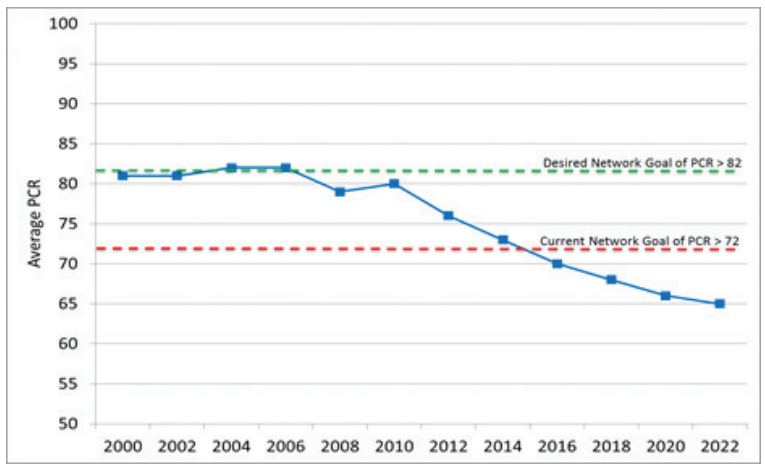
PCR Goals for the Interstate System: The current network goal for the Interstate System is 82. This chart shows the Average PCR on Interstates using actuals from 2000 to 2012 and projections based on current funding levels for 2014 to 2022.

PCR Goals for the Interstate System



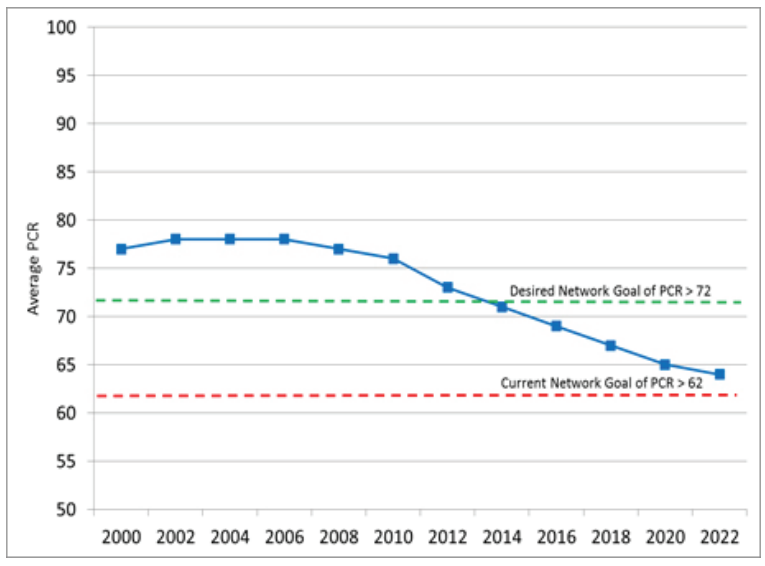

PCR Goals for the State 4-Lane System: The current network goal for the State 4-Lane System is 72. This chart shows the Average PCR on the State 4-Lane System using actuals from 2000 to 2012 and projections based on current funding levels for 2014 to 2022.

PCR Goals for the State 4-Lane System




PCR Goals for the State 2-Lane System: The current network goal for the State 2-Lane System is 62. This chart shows the Average PCR on the State 2-Lane System using actuals from 2000 to 2012 and projections based on current funding levels for 2014 to 2022.

PCR Goals for the State 2-Lane System



## Pavement Condition Rating (PCR) Examples

PCR 97

PCR 85

PCR 75

PCR 65

PCR 55

## Deficient Pavement Information

STATE-MAINTAINED

| Commission District | Total Lane-Miles of Interstate | Interstate Lane-Miles in need of Rehab | Total Lane-Miles of 4-Lane | 4-lane Lane-Miles in need of Rehab | Total Lane-Miles of 2-Lane | 2-lane Lane-Miles in need of Rehab | Estimated Immediate Cost to Rehab |
|---|---|---|---|---|---|---|---|
| Northern | 562.925 | 313.01 | 3365.611 | 997.455 | 6216.188 | 284.788 | $314,815,720 |
| Central | 1209.246 | 761.726 | 2109.704 | 803.12 | 4789.428 | 252.872 | $379,282,949 |
| Southern | 1109.814 | 707.249 | 3038.142 | 794.894 | 4844.227 | 119.306 | $349,063,882 |
| **Total** | **2881.985** | **1781.985** | **8513.457** | **2595.469** | **15849.843** | **656.966** | **$1,043,162,551** |

# APPENDIX B: BRIDGE RATINGS

**Bridge ratings are based on information submitted to the National Bridge Inventory System (NBI). The NBI is a database compiled by the Federal Highway Administration (FHWA), with data submitted by the states annually. It uses a uniform set of standards to inspect and rate the nation's bridges. It includes all bridges with an opening longer than 20 feet measured along the center of the roadway.**

- **Condition Ratings range from 0 to 9, with 9 being "excellent" and 0 being "failed"**
- **Sufficiency Rating is an NBI term that provides an overall rating from 0 to 100% to describe a bridge's suitability for the duty that it performs. Sufficiency ratings are derived from over 20 NBI factors including structural condition, functionality of the design, and detour length.**
- **Deficient bridges are those that cannot safely carry heavy trucks, are in need of repair or have outdated designs no longer complying with federal safety requirements. These bridges typically were designed and constructed prior to 1940 and designed for the traffic of that time. These bridges were not designed to carry modern heavy trucks that we see today.**
- **In contrast to the state maintained system, most locally owned bridges are not subject to the daily volumes of heavy truck or vehicular traffic. As a result, only the state maintained system is federally required to annually improve geometric as well as structural deficiencies in the interest of public safety.**
- **The chart on the next page summarizes the overall condition of the bridges in Mississippi and costs with addressing these issues. As stated above the State maintained bridges are required by law to address certain safety issues that are not required to be addressed on the locally owned system.**

# Deficient Bridge Replacement Information

**STATE-MAINTAINED**

*state-maintained data as of 08/09/2013* *locally maintained data as of 04/01/2013*

| Commission District | Total Number of Bridges | Number of Posted Bridges | Estimated Cost to Replace Posted Bridges | Number of Structurally Deficient (SD) Bridges * | Estimated Cost to Replace SD Bridges | Number of Functionally Obsolete (FO) Bridges ** | Estimated Cost to Replace FO Bridges | Total Number of Deficient Bridges *** | Estimated Cost to Replace Deficient Bridges |
|---|---|---|---|---|---|---|---|---|---|
| Northern | 2,424 | 144 | $287,000,000 | 129 | $274,000,000 | 321 | $747,000,000 | 470 | $1,054,000,000 |
| Central | 1,688 | 48 | $95,000,000 | 47 | $164,000,000 | 208 | $632,000,000 | 259 | $809,000,000 |
| Southern | 1,619 | 26 | $64,000,000 | 41 | $93,000,000 | 220 | $682,000,000 | 268 | $799,000,000 |
| Total | 5,731 | 218 | $446,000,000 | 217 | $531,000,000 | 749 | $2,061,000,000 | 997 | $2,662,000,000 |

**LOCALLY MAINTAINED**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Statewide | 10,881 | 2,413 | $1,264,000,000 | 2,016 | $875,000,000 | 466 | $302,000,000 | 3,047 | $1,540,000,000 |
| **MS total** | **16,612** | **2,631** | **$1,710,000,000** | **2,233** | **$1,406,000,000** | **1,215** | **$2,363,000,000** | **4,044** | **$4,202,000,000** |

* A *structurally deficient* bridge typically requires significant maintenance and repair to remain in service and eventual rehabilitation or replacement to address deficiencies. To remain in service, structurally deficient bridges are often posted with weight limits to restrict the gross weight of vehicles using the bridges to less than the maximum weight typically allowed by statute.

** A *functionally obsolete* bridge is a bridge with a design not suitable for its current use (e.g. lack of safety shoulders). The Federal Highway Administration requires an annual commitment of $20 million be expended to bring functionally obsolete bridges to current safety standards.

*** Number of *deficient bridges* is the sum of structurally deficient bridges and those posted bridges that are not already included by SD or FO classification.

# APPENDIX C: PRESERVING MISSISSIPPI'S INFRASTRUCTURE

**Every state in the nation is facing a similar situation. As Congress struggles to determine the federal role in sustaining the national transportation network, states are becoming more concerned with the lack of continuity and purchasing power of the money provided in the existing federal highway program which expires on September 30, 2014. Since 2009, twenty-one other states have increased their transportation revenues to help bridge the funding gap. There is hard evidence that Mississippi is facing a crisis. If Mississippi plans to keep pace with recruiting new business and industry, a significant transportation investment must be made.**

## Geometric Impacts

**Rural Mississippi, and most notably the Delta, depend on the agricultural industry as a vital source of jobs. The ability of these communities to move goods from the field to the market depends on a transportation system that can support the type of vehicles necessary to transport products. Since the construction of many of Mississippi's rural highways, vehicles used in the agricultural industry have changed along with the standards to which roads are to be built. Rural highways serving the agricultural industry require wider lanes with paved shoulders to accommodate larger vehicles. The modernization of MDOT's network, which includes bringing a road or bridge up to current standards or improving its structural integrity, is critical to this industry. This category of improvements accounts for nearly 55% of the highway system's backlog of needs. By overlooking modernization and not providing the infrastructure necessary to move goods, the Mississippi Delta's agricultural industry could struggle to thrive.**

## Highway Capacity Projects

**Highway capacity projects are prioritized by year of need, volume to capacity ratio and AADT per Section 65-3-97 Mississippi Code of 1972 Annotated. MDOT evaluates the needs of the state-maintained highway system on a regular basis to determine if the priority schedule is in need of revision. The methods used to perform needs analyses are those recognized as industry standards as promoted by the United States Department of Transportation, the Transportation Research Board, the American Association of State Highway and Transportation Officials and other recognized and relevant bodies. Such conforming methodologies are applied utilizing considerations appropriate to the specific situation and may include capacity analyses, traffic counting, traffic projections, cost estimations, cost-benefit analyses, user cost analyses, land use projections and similar analyses and projections, so that all analyses are completed with the best tools available at the time of the analysis.**

## Two-Lane Cities

MDOT is required to spend available revenue on projects that benefit the most people (Section 65-3-97, Mississippi Code of 1972), which means funds will be spent on heavily traveled four-lane roads in the state. The two-lane roads will be the first to deteriorate due to lack of funding. If transportation investments continue at the current rate, over 80 percent of the two-lane roads in Mississippi will be in poor, very poor, or failed condition by 2030.

The following are a representative sample of cities served only by two-lane roads:

| | | |
|---|---|---|
| Ackerman | Hollandale | Preston |
| Amory | Houston | Quitman |
| Ashland | Kiln | Ripley |
| Bay Springs | Kosciusko | Schlater |
| Belmont | Mantachie | Sumner |
| Bruce | Marks | Sumrall |
| Charleston | Montrose | Taylorsville |
| Decatur | Morgantown | Walls |
| French Camp | Philadelphia | |

These cities are important to Mississippi, but MDOT is unable to sustain the highways leading to these cities without a substantial increase in revenue.

These cities are important to Mississippi, but MDOT is unable to sustain the highways leading to these cities without a substantial increase in revenue.

## Other Utilities

In Mississippi, travelers generally pay $6 to $10 per month in state gas taxes. Most people do not realize this because the "invisible" tax is included in the price they pay at the pump. This is a low cost for a network that people expect to be in good condition for their daily travel. When compared to other utilities such as water, electricity, home phones, and cell phones, the price paid for transportation is extremely low.

## System Preservation

The bridges in this book are either posted to restrict the loads they can support or are closed to traffic. These bridges are either under the jurisdiction of MDOT or a local government. The unsatisfactory pavement noted in this book indicates areas on the system in need of immediate attention. The photographs show the condition of some of the bridges in each county.

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