



# VAN BUREN COUNTY ROAD COMMISSION



**FIVE YEAR PLAN  
2024-2028**







# WELCOME

Roads are one of the foundations for any civilization. Without a good road network, commerce cannot move, ideas cannot be exchanged, and people cannot interact. Every great civilization first created a road system to move their armies to expand their empires and engage in commerce. Today, roads are more important than ever. Sixty years ago, most people lived and worked in the same community and families had only one vehicle. Today, it is not unheard of for people to have a thirty to forty-minute commute and every one of driving age to have their own vehicle. All this added traffic has placed an increased stress load on roads built to older specifications.

Not only must roads be built, but they must also be maintained. The American Society of Civil Engineers has rated the infrastructure in America a "D". Roads were built without funding to maintain them. America focused on expansion and building new roads. We designated the

responsibility to maintain roads to the local communities that are serviced by this infrastructure but did not give the locals the tools with which to raise money to maintain the road system. While the revenues allocated for road maintenance and improvement have not changed, the costs have.

The Van Buren County Road Commission's Asset Management Plan is the tool for which we will decide how to spend future dollars to maintain and improve a road system throughout Van Buren County. The basic criteria for these decisions will be traffic counts, connectivity, PASER road ratings, and funding sources. This five year plan has been developed utilizing the tools outlined in the Asset Management Plan and working with our transportation partners to provide the greatest impact on the road system for the travelers of Van Buren County.

*Bret Witkowski*  
Managing Director

# MULTI-YEAR PLANNING

VBCRC plans construction and maintenance projects several years in advance. A multi-year planning threshold is required due to the time necessary to plan, design, and finance construction and maintenance projects on the paved county primary road network. This includes planning and programming requirements from state and federal agencies that must be met prior to starting a project and can include studies on environmental and archeological impacts, review of construction and design documents and plans, documentation of rights-of-way ownership, planning and permitting for stormwater discharges, and other regulatory and administrative requirements.

Per PA 499 of 2002 (later amended by PA 199 of 2007), road projects for the upcoming three years are required to be reported annually to the TAMC. Planned projects represent the best estimate of

future activity; however, changes in design, funding, and permitting may require VBCRC to alter initial plans. Project planning information is used to predict the future condition of the road networks that VBCRC maintains.

VBCRC has created a five year plan consisting of projects planned for the primary road system through 2026 totally over \$36 million, as well as Federal and State Aid submissions that will be added to the five year plan accordingly when awarded or added to the plan as funding allows if not awarded. All projects of these projects can be found on the following pages.

# FIVE YEAR PLAN FOR PRIMARY ROAD SYSTEM

The following list of projects is the planned 5 year road plan for the primary road system. This list is subject to change based upon funding, project modifications or other unforeseen issues.

<b>2024</b>						
<b>PROJECT LOCATION</b>	<b>PROJECT SCOPE</b>	<b>ESTIMATED COST</b>	<b>PLAN CRITERIA</b>		<b>ROAD COMMISSION PORTION COST</b>	<b>CONNECTED TO OTHER IMPROVED SURFACES?</b>
CR 384; South Haven Township Line to CR 687	Trench, Widen, Crush, Shape, Pave	\$628,882.50	<input checked="" type="checkbox"/> Rating <input checked="" type="checkbox"/> Traffic Count	<input type="checkbox"/> Connectivity <input checked="" type="checkbox"/> Funding	60%	No
CR 380; Blue Star Highway to 76 <sup>th</sup> Street	Crush and Shape	\$460,000.00	<input checked="" type="checkbox"/> Rating <input checked="" type="checkbox"/> Traffic Count	<input type="checkbox"/> Connectivity <input type="checkbox"/> Funding	100%	Yes
CR 388; CR 653 S to Kalamazoo County Line	Trench, Widen, Crush, Shape, Pave	\$1,894,000.00	<input checked="" type="checkbox"/> Rating <input checked="" type="checkbox"/> Traffic Count	<input checked="" type="checkbox"/> Connectivity <input checked="" type="checkbox"/> Funding	37%	Yes
CR 215; 44 <sup>th</sup> Avenue to 48 <sup>th</sup> Avenue	Safety Improvements	\$1,250,000.00	<input checked="" type="checkbox"/> Rating <input checked="" type="checkbox"/> Traffic Count	<input type="checkbox"/> Connectivity <input checked="" type="checkbox"/> Funding	40%	Yes
Various Primary Roads	Sealcoat/Fog Seal: 60 miles	\$2,182,950.00				
Various Primary Roads	Crackseal	\$100,000.00				
<b>TOTAL: \$6,515,832.50</b>						

# FIVE YEAR PLAN FOR PRIMARY ROAD SYSTEM

<b>2025</b>					
<b>PROJECT LOCATION</b>	<b>PROJECT SCOPE</b>	<b>ESTIMATED COST</b>	<b>PLAN CRITERIA</b>	<b>ROAD COMMISSION PORTION COST</b>	<b>CONNECTED TO OTHER IMPROVED SURFACES?</b>
Red Arrow Highway; 59.5 Street to CR 681	Mill and Fill	\$300,000.00	<input checked="" type="checkbox"/> Rating <input checked="" type="checkbox"/> Connectivity <input checked="" type="checkbox"/> Traffic Count <input checked="" type="checkbox"/> Funding	20%	Yes
Red Arrow Highway; City of Hartford to 59.5 Street	Mill and Fill	\$979,625.00	<input checked="" type="checkbox"/> Rating <input checked="" type="checkbox"/> Connectivity <input checked="" type="checkbox"/> Traffic Count <input checked="" type="checkbox"/> Funding	36%	Yes
CR 388; CR 380 to City of Gables	Mill and Fill	\$575,000.00	<input checked="" type="checkbox"/> Rating <input checked="" type="checkbox"/> Connectivity <input checked="" type="checkbox"/> Traffic Count <input type="checkbox"/> Funding	100%	Yes
CR 681; M-51 to CR 352	Crush and Shape	\$1,315,000.00	<input checked="" type="checkbox"/> Rating <input checked="" type="checkbox"/> Connectivity <input checked="" type="checkbox"/> Traffic Count <input type="checkbox"/> Funding	100%	Yes
6 Bridges	Preventative Maintenance	\$902,280.00		5%	
Various Primary Roads	Sealcoat/Fog Seal: 60 miles	\$2,292,097.50			
Various Primary Roads	Crackseal	\$100,000.00			
<b>TOTAL: \$6,164,002.50</b>					

# FIVE YEAR PLAN FOR PRIMARY ROAD SYSTEM

<b>2026</b>						
<b>PROJECT LOCATION</b>	<b>PROJECT SCOPE</b>	<b>ESTIMATED COST</b>	<b>PLAN CRITERIA</b>		<b>ROAD COMMISSION PORTION COST</b>	<b>CONNECTED TO OTHER IMPROVED SURFACES?</b>
CR 687; CR 372 to CR 376	Crush and Shape	\$1,956,521.00	<input checked="" type="checkbox"/> Rating <input checked="" type="checkbox"/> Traffic Count	<input checked="" type="checkbox"/> Connectivity <input type="checkbox"/> Funding	100%	Yes
CR 388; Village of Bloomingdale to CR 380	Mill and Fill	\$373,000.00	<input checked="" type="checkbox"/> Rating <input checked="" type="checkbox"/> Traffic Count	<input checked="" type="checkbox"/> Connectivity <input checked="" type="checkbox"/> Funding	20%	Yes
CR 374; 39 <sup>th</sup> Street to Paw Paw Village Limits	Crush and Shape	\$632,500.00	<input checked="" type="checkbox"/> Rating <input checked="" type="checkbox"/> Traffic Count	<input type="checkbox"/> Connectivity <input checked="" type="checkbox"/> Funding	18.15%	Yes
Red Arrow Highway @ CR 652 S	Signal Upgrade	\$45,000.00	<input type="checkbox"/> Rating <input checked="" type="checkbox"/> Traffic Count	<input checked="" type="checkbox"/> Connectivity <input checked="" type="checkbox"/> Funding	20%	Yes
Various Primary Roads	Sealcoat/Fog Seal: 60 miles	\$2,406,702.38				
Various Primary Roads	Crackseal	\$100,000.00				
<b>TOTAL: \$5,513,723.38</b>						

# FIVE YEAR PLAN FOR PRIMARY ROAD SYSTEM

<b>2027</b>					
<b>PROJECT LOCATION</b>	<b>PROJECT SCOPE</b>	<b>ESTIMATED COST</b>	<b>PLAN CRITERIA</b>	<b>ROAD COMMISSION PORTION COST</b>	<b>CONNECTED TO OTHER IMPROVED SURFACES?</b>
CR 378; City of Bangor to CR 687 N	Tree Work, Drainage, Trench, Widen	\$580,000.00	<input checked="" type="checkbox"/> Rating <input checked="" type="checkbox"/> Connectivity <input checked="" type="checkbox"/> Traffic Count <input type="checkbox"/> Funding	100%	No
CR 378; City of Bangor to CR 687 N	Crush, Shape, Pave	\$625,479.00	<input checked="" type="checkbox"/> Rating <input checked="" type="checkbox"/> Connectivity <input checked="" type="checkbox"/> Traffic Count <input checked="" type="checkbox"/> Funding	52%	No
Various Primary Roads	Sealcoat/Fog Seal: 60 miles	\$2,527,037.50			
Various Primary Roads	Crackseal	\$100,000.00			
Various Bridges	TBD	TBD			
Federal/State Aid Projects or Submitted Projects TBD Once Funding is Allocated		\$1,500,000.00			
<b>TOTAL: \$5,332,516.50</b>					



# FIVE YEAR PLAN FOR PRIMARY ROAD SYSTEM

<b>2028</b>					
PROJECT LOCATION	PROJECT SCOPE	ESTIMATED COST	PLAN CRITERIA	ROAD COMMISSION PORTION COST	CONNECTED TO OTHER IMPROVED SURFACES?
CR 352; 60 <sup>th</sup> Street to CR 681	Crush, Shape, Pave	\$1,200,000.00	<input checked="" type="checkbox"/> Rating <input type="checkbox"/> Connectivity <input checked="" type="checkbox"/> Traffic Count <input type="checkbox"/> Funding	100%	Yes
Various Primary Roads	Sealcoat/Fog Seal: 60 miles	\$2,779,741.25			
Various Primary Roads	Crackseal	\$100,000.00			
Federal/State Aid Projects or Submitted Projects TBD Once Funding is Allocated		\$1,500,000.00			
					<b>TOTAL: \$5,579,741.25</b>

# FEDERAL AND STATE AID SUBMISSIONS

The following projects have been submitted for funding through various funding sources as indicated. Funding was not allocated, these projects were entered into the 5 year road plan utilizing the VBCRC's funds. Additional projects that were NOT awarded funding may be added to the 5 year road plan as funding allows.

<b>SUBMITTED FOR STATE AND/OR FEDERAL AID 2024-2026 – ADDED TO 5-YEAR PLAN</b>						
<b>PROJECT LOCATION</b>	<b>PROJECT SCOPE AND YEAR PLANNED</b>	<b>ESTIMATED COST</b>	<b>FUNDING PROGRAM</b>	<b>ADDED TO 5 YEAR PLAN?</b>	<b>ROAD COMMISSION PORTION COST</b>	<b>CONNECTED TO OTHER IMPROVED SURFACES?</b>
CR 681; M-51 CR 352	Crush and Shape (2025)	\$1,315,000.00	Not Awarded: RTF 2024-2026	Yes	100%	Yes
CR 687; CR 372 to CR 376	Crush and Shape (2026)	\$1,956,521.00	Not Awarded: RTF 2024-2026	Yes	100%	Yes
Red Arrow Highway; City of Hartford to 59.5 Street	Mill and Fill (2025)	\$979,625.00	Not Awarded: Urban 2024-2026	Yes	100%	Yes
CR 380; Blue Star Highway to 76 <sup>th</sup> Street	Crush and Shape (2024)	\$460,000.00	Not Awarded: Urban 2024-2026	Yes	100%	Yes
					<b>TOTAL: \$4,711,146.00</b>	

# FEDERAL AND STATE AID SUBMISSIONS (CONT.)

<b>SUBMITTED FOR STATE AND/OR FEDERAL AID 2024-2026 – ILLUSTRATIVE LIST</b>						
<b>PROJECT LOCATION</b>	<b>PROJECT SCOPE AND YEAR PLANNED</b>	<b>ESTIMATED COST</b>	<b>FUNDING PROGRAM</b>	<b>ADDED TO 5 YEAR PLAN?</b>	<b>ROAD COMMISSION PORTION COST</b>	<b>CONNECTED TO OTHER IMPROVED SURFACES?</b>
CR 364; CR 657 To Western Avenue	Crush and Shape (TBD)	\$1,058,000.00	Not Awarded: KATS 2024-2026	Not at this time.	20%	Yes
CR 665; 64 <sup>th</sup> Avenue to CR 358	Crush and Shape (TBD)	\$1,035,500.00	Not Awarded: KATS 2024-2026	Not at this time.	20%	Yes
CR 665; Village of Paw Paw to Bridge	Crush and Shape (TBD)	\$1,293,750.00	Not Awarded: Urban 2024-2026	Not at this time.	18.15%	No
Kalamazoo Street; Blue Star Highway to City of South Haven	Mill and Fill (TBD)	\$115,000.00	Not Awarded: Urban 2024-2026	Not at this time.	18.15%	Yes
Ruggles Road; 20 <sup>th</sup> Avenue to Blue Star Highway	Crush and Shape (TBD)	\$195,000.00	Not Awarded: Urban 2024-2026	Not at this time.	18.15%	Yes
CR 352; CR 215 to CR 358	Crush and Shape (2024)	\$1,540,000.00	Not Awarded: RTF 2024-2026	Not at this time.	100%	Yes



# FEDERAL AND STATE AID SUBMISSIONS (CONT.)

## SUBMITTED FOR STATE AND/OR FEDERAL AID 2024-2026 – ILLUSTRATIVE LIST (CONT.)

PROJECT LOCATION	PROJECT SCOPE AND YEAR PLANNED	ESTIMATED COST	FUNDING PROGRAM	ADDED TO 5 YEAR PLAN?	ROAD COMMISSION PORTION COST	CONNECTED TO OTHER IMPROVED SURFACES?
CR 652; CR 354 to 72 <sup>nd</sup> Avenue	Mill and Fill (2027)	\$425,000.00	Not Awarded: RTF 2024-2026	Not at this time.	100%	Yes
CR 652; 72 <sup>nd</sup> Avenue to Robinson Road	Mill and Fill (2025)	\$658,750.00	Not Awarded: KATS 2024-2026	No	100%	Yes
CR 653; M-40 to I-94	Crush and Shape (2026)	\$839,500.00	Not Awarded: Urban 2024-2026	No	100%	Yes
<b>TOTAL: \$7,160,500.00</b>						

# OPTIONAL PROJECTS

The following are optional projects that may be added to the 5 year primary road plan as funding allows and/or considered as projects beyond 2028. These projects are those which have high traffic volume, are on connectivity routes, are connected to already improved surfaces, and/or have potential funding available.

<b>OPTIONAL PROJECTS</b>						
<b>PROJECT LOCATION</b>	<b>PROJECT SCOPE</b>	<b>ESTIMATED COST</b>	<b>PLAN CRITERIA</b>		<b>ROAD COMMISSION PORTION COST</b>	<b>CONNECTED TO OTHER IMPROVED SURFACES?</b>
Blue Star Highway; CR 378 to 24 <sup>th</sup> Avenue	TBD	TBD	<input checked="" type="checkbox"/> Rating <input checked="" type="checkbox"/> Traffic Count	<input checked="" type="checkbox"/> Connectivity <input type="checkbox"/> Eligible for Funding	TBD	Yes
Blue Star Highway; 24 <sup>th</sup> Avenue to M-140	TBD	TBD	<input checked="" type="checkbox"/> Rating <input checked="" type="checkbox"/> Traffic Count	<input checked="" type="checkbox"/> Connectivity <input type="checkbox"/> Eligible for Funding	TBD	Yes
Blue Star Highway; M-140 to CR 388	TBD	TBD	<input checked="" type="checkbox"/> Rating <input checked="" type="checkbox"/> Traffic Count	<input checked="" type="checkbox"/> Connectivity <input type="checkbox"/> Eligible for Funding	TBD	Yes
CR 365; Village of Lawrence to I-94	TBD	TBD	<input checked="" type="checkbox"/> Rating <input checked="" type="checkbox"/> Traffic Count	<input checked="" type="checkbox"/> Connectivity <input type="checkbox"/> Eligible for Funding	TBD	Yes
CR 342; M-152 to CR 687	TBD	TBD	<input checked="" type="checkbox"/> Rating <input checked="" type="checkbox"/> Traffic Count	<input checked="" type="checkbox"/> Connectivity <input type="checkbox"/> Eligible for Funding	TBD	Yes
CR 375; CR 653 N to CR 652 S	TBD	TBD	<input checked="" type="checkbox"/> Rating <input checked="" type="checkbox"/> Traffic Count	<input type="checkbox"/> Connectivity <input type="checkbox"/> Eligible for Funding	TBD	No

## OPTIONAL PROJECTS (CONT.)

<b>OPTIONAL PROJECTS (CONT.)</b>						
PROJECT LOCATION	PROJECT SCOPE	ESTIMATED COST	PLAN CRITERIA		ROAD COMMISSION PORTION COST	CONNECTED TO OTHER IMPROVED SURFACES?
CR 378; Blue Star Highway to M-140	TBD	TBD	<input checked="" type="checkbox"/> Rating <input checked="" type="checkbox"/> Traffic Count	<input checked="" type="checkbox"/> Connectivity <input type="checkbox"/> Eligible for Funding	TBD	Starting Point
CR 378; M-140 to 70 <sup>th</sup> Street	TBD	TBD	<input checked="" type="checkbox"/> Rating <input checked="" type="checkbox"/> Traffic Count	<input checked="" type="checkbox"/> Connectivity <input type="checkbox"/> Eligible for Funding	TBD	No
CR 681; City of Bangor to CR 376 E	TBD	TBD	<input checked="" type="checkbox"/> Rating <input checked="" type="checkbox"/> Traffic Count	<input checked="" type="checkbox"/> Connectivity <input type="checkbox"/> Eligible for Funding	TBD	No
CR 681; CR 376 E to 48 <sup>th</sup> Avenue	TBD	TBD	<input checked="" type="checkbox"/> Rating <input checked="" type="checkbox"/> Traffic Count	<input type="checkbox"/> Connectivity <input type="checkbox"/> Eligible for Funding	TBD	No
CR 215; 48 <sup>th</sup> Avenue to Village of Lawrence	TBD	TBD	<input checked="" type="checkbox"/> Rating <input checked="" type="checkbox"/> Traffic Count	<input type="checkbox"/> Connectivity <input type="checkbox"/> Eligible for Funding	TBD	Yes
CR 374; CR 671 to 45 <sup>th</sup> Street	TBD	TBD	<input checked="" type="checkbox"/> Rating <input checked="" type="checkbox"/> Traffic Count	<input type="checkbox"/> Connectivity <input type="checkbox"/> Eligible for Funding	TBD	Yes
CR 653; 48 <sup>th</sup> Avenue to CR 653 N	TBD	TBD	<input checked="" type="checkbox"/> Rating <input checked="" type="checkbox"/> Traffic Count	<input checked="" type="checkbox"/> Connectivity <input type="checkbox"/> Eligible for Funding	TBD	No



# OPTIONAL PROJECTS (CONT.)

<b>OPTIONAL PROJECTS (CONT.)</b>						
<b>PROJECT LOCATION</b>	<b>PROJECT SCOPE</b>	<b>ESTIMATED COST</b>	<b>PLAN CRITERIA</b>		<b>ROAD COMMISSION PORTION COST</b>	<b>CONNECTED TO OTHER IMPROVED SURFACES?</b>
CR 665; 18 <sup>th</sup> Avenue to Village of Bloomingdale	TBD	TBD	<input checked="" type="checkbox"/> Rating <input checked="" type="checkbox"/> Traffic Count	<input checked="" type="checkbox"/> Connectivity <input type="checkbox"/> Eligible for Funding	TBD	No
CR 665; 18 <sup>th</sup> Avenue to 24 <sup>th</sup> Avenue	TBD	TBD	<input checked="" type="checkbox"/> Rating <input checked="" type="checkbox"/> Traffic Count	<input checked="" type="checkbox"/> Connectivity <input type="checkbox"/> Eligible for Funding	TBD	No
CR 665; 24 <sup>th</sup> Avenue to M-43	TBD	TBD	<input checked="" type="checkbox"/> Rating <input checked="" type="checkbox"/> Traffic Count	<input checked="" type="checkbox"/> Connectivity <input type="checkbox"/> Eligible for Funding	TBD	No
CR 681; Red Arrow Highway to CR 365	TBD	TBD	<input checked="" type="checkbox"/> Rating <input checked="" type="checkbox"/> Traffic Count	<input checked="" type="checkbox"/> Connectivity <input type="checkbox"/> Eligible for Funding	TBD	No

# CONCLUSION

In the early 1990s, new legislative and reporting requirements gave rise to the adoption of asset management practices. Today, the widely demonstrated benefits of asset management in transportation decision-making encourage its adoption by agencies such as the Van Buren County Road Commission.

Many challenges continue to intensify, such as stretched budgets, declining staff resources, more stringent accountability requirements, deteriorating transportation infrastructure, etc. Transportation Asset Management is the key to finding the most effective and cost-efficient balance of preserving, upgrading, and replacing highway assets in this environment.

In this Asset Management Plan, the Van Buren County Road Commission has focused transportation asset

management decision-making on factors, such as connectivity, PASER data collection, traffic volume, and surface condition. This Plan creates a clear and concise path for the Van Buren County Road Commission to meet its goals to improve the road network under its jurisdiction.



# SUMMARY

The objective of road asset management is to ensure that assets provide their required levels of services in the most cost-effective manner.

To efficiently utilize Michigan Transportation Funds, Federal and State Aid, and other local funds requires good planning and the accurate identification of appropriate rehabilitation projects. Assessing roadway conditions is an essential step in this process. Finding effective and creative solutions for stretching existing funds to provide for longevity of the road network is also an important consideration. Finally,

identifying the roadways that provide the greatest benefit to the traveling public is of the utmost importance.

The Van Buren County Road Commission continues to focus on making improvements to the Primary roads under its jurisdiction as these are the roadways that provide the greatest positive impact.

This Asset Management Plan focuses on the management of the Van Buren County Road Commission's road infrastructure assets, which include road surfaces, paved and unpaved, and bridges.





