

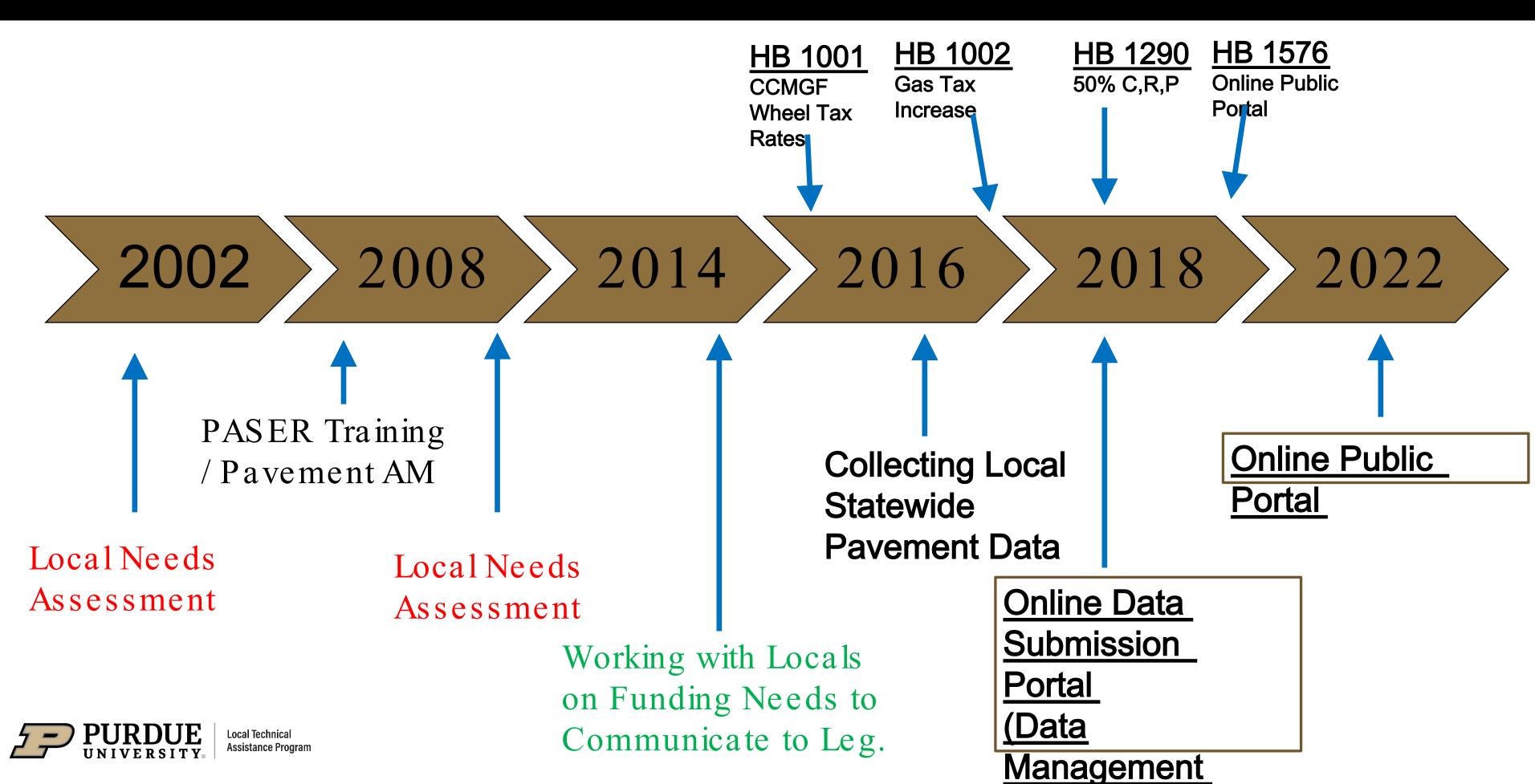




Asset Management for Local Agencies

Patrick Conner, PE Lead Asset Management Engineer, LTAP

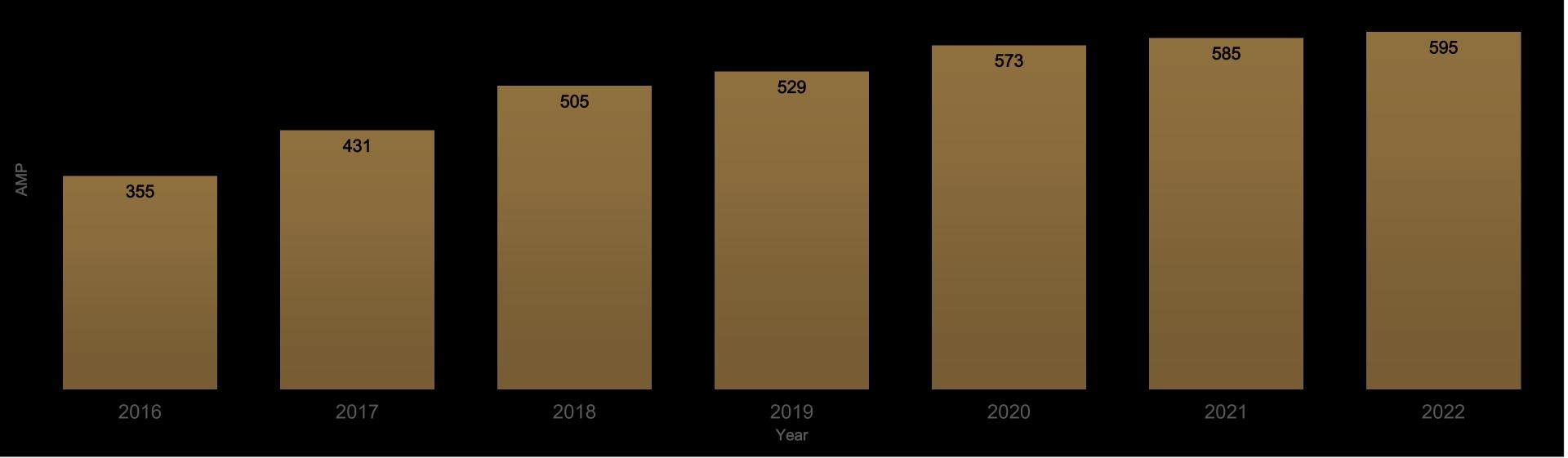
Collecting and Storing Asset Management Data



Asset Management Collection over the Years

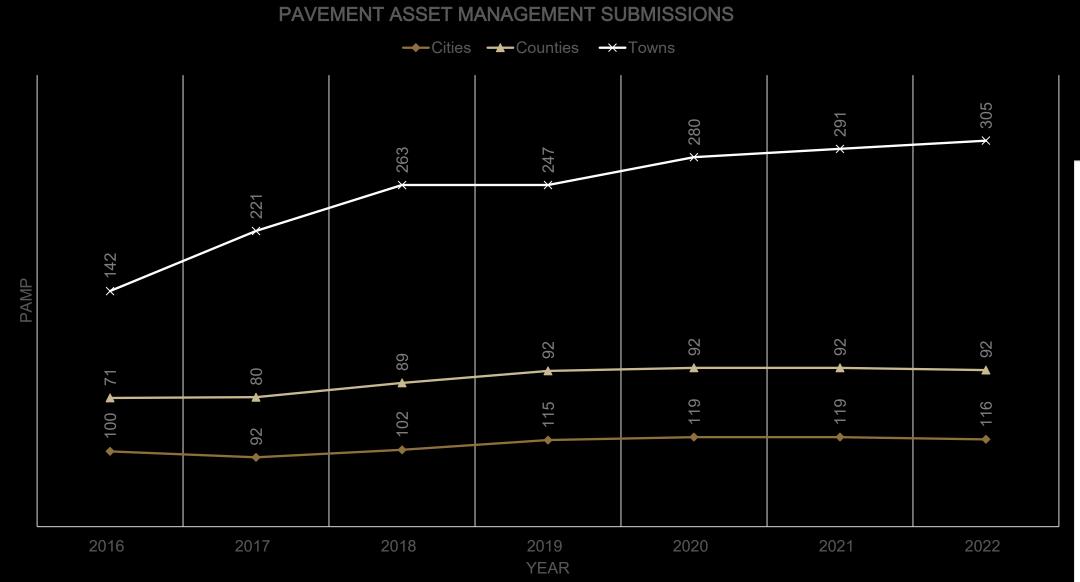
- 2022 Asset Management Plans
 - Total 595
 - Pavement 512
 - Bridge 83

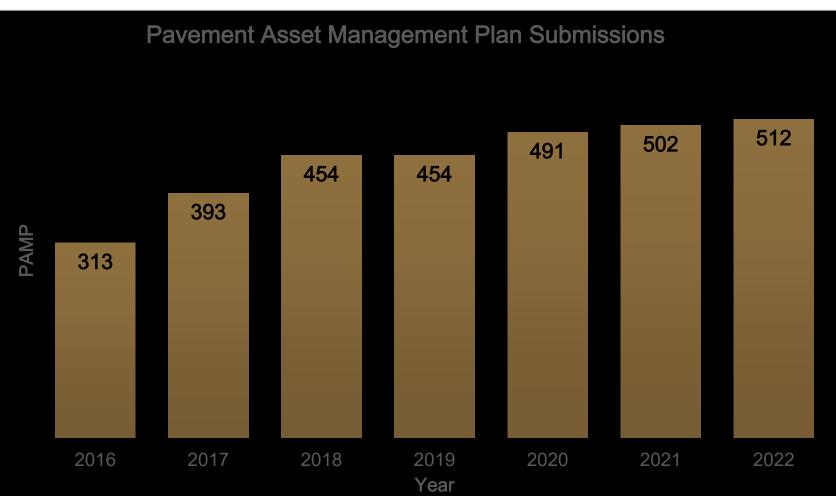




Asset Management Collection over the Years

- 2022 Asset Management Plans
 - Pavement 512
 - City- 116
 - Town- 305
 - County- 92





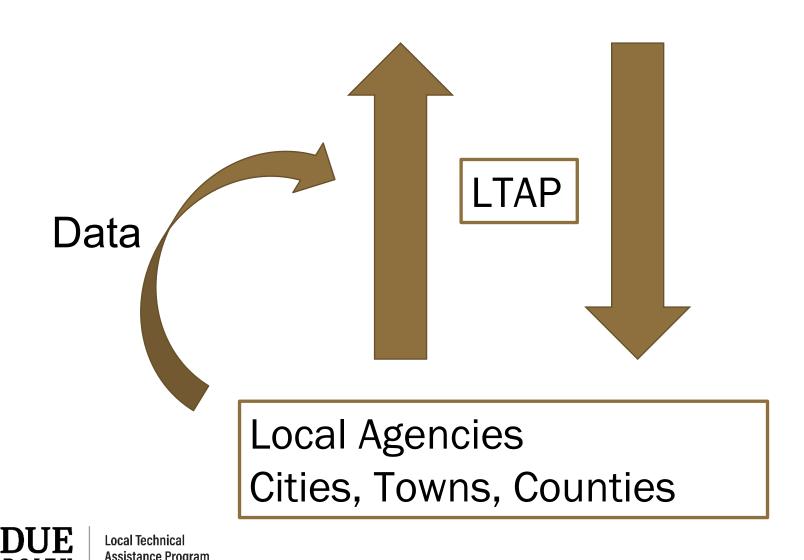
Between 2021-2022 Pavement Inventory and Condition Ratings were collected on 99% of Local Roads

Why LTAP and Asset Management Training and Data Collection??

2 Way Street

State Legislatures & State and Federal Entities

Local Statewide Funding Needs Local Statewide Transportation Data



Asset Management Training AM Tools, Resources

Empowering Local Decisions
Local Transportation Performance Measures
Local Funding Needs

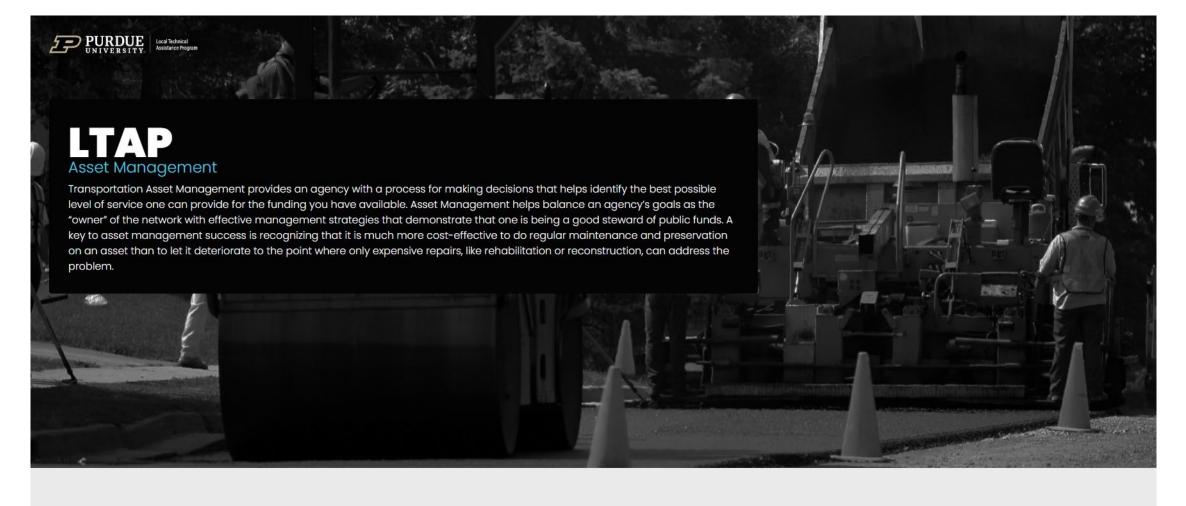
HB 1576

IC 8-23-30-9 Electronic availability of local asset management plans

Sec. 9. Not later than July 1, 2022, the department shall make asset management plans of local units approved under this chapter available in an electronic format specified by the department on an Internet web site maintained by:

- (1) the department; or
- (2) an entity contracted by the department to approve asset management plans.

Website





Overall for Indiana Local Roads

Key Asset Management Concepts

- Driven by Policy
- Based on Performance
- Founded on Life Cycle Needs
- Supported by Data
- Defensible



or





Setting Targeted Levels of Services

- Estimating funding levels
- Factors that impact the program
- Identifying realistic targets
- Setting one or more targeted level of service
- Easy to understand Good-Fair-Poor





Benefits of Asset Management

- Takes the politics out of pavement management
- Tool to Budget
- Tool to Plan
- Tool to Report/Communicate

Turning Data into Action

- Right Treatment at the Right Time
- Optimizing Strategy
- Defining Benefit Factors
 - Condition
 - AADT
 - Functional Class
 - Drainage
 - Roughness Index







Transportation Improvement Planning & Programming

Jennifer Sharkey, PE, PMP, CPM Lead Research Engineer, LTAP

Transportation Planning vs. Programming

Planning

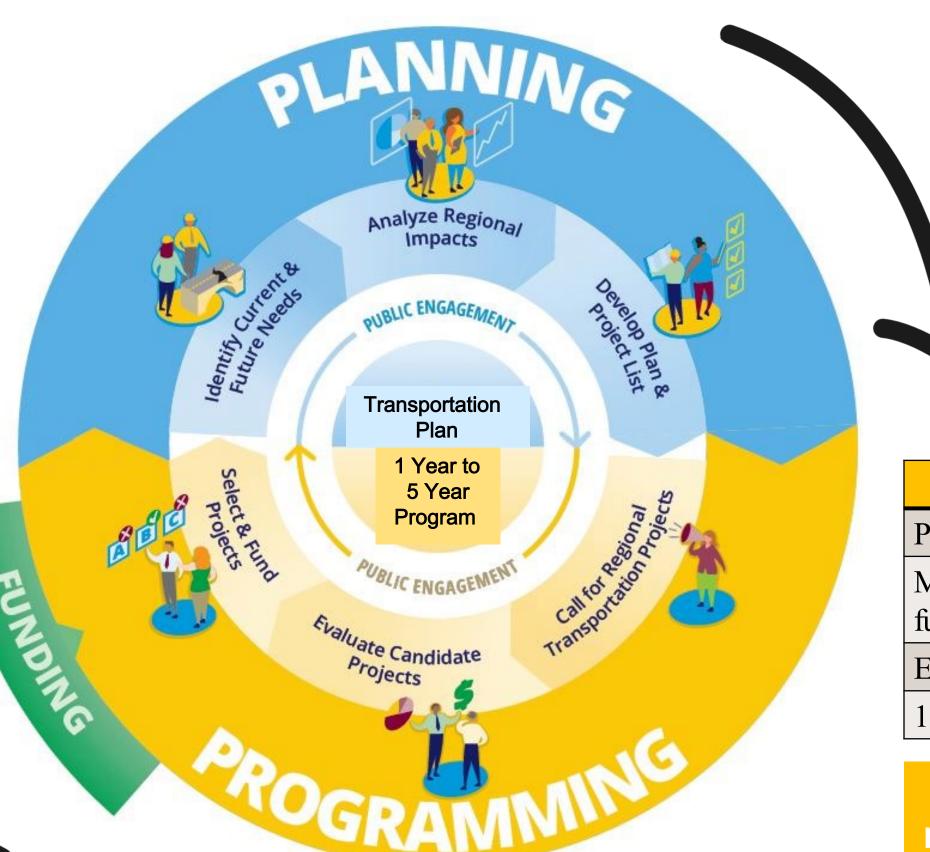
Develop a vision

Create goals, objectives and strategies

Establish a long-term approach

5 Years, 10 Years, 20 Years

Identifies where to go and how to get there



Programming

Prioritize proposed projects

Match projects with available funds

Establish tangible expenditures

1 Year - 5 years

Involves allocating resources and executing projects



Local Technical Assistance Program

Source: https://thenovaauthority.org/planning/process/

Transportation Improvement Plan

PURPOSE: Identify where to go and how to get there

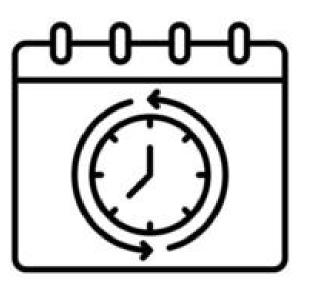
Develops a vision



Creates goals, objectives & strategies



Establishes a long -term approach



(5 years, 10 years, 20 years)

Transportation Planning Process

- Land use / comprehensive plans
- Economic development target areas
- Environmental considerations
- Connectivity (employment/multimodal)

- Levels of service
- Types of service
- Accessibility
- Safety
- Economic vitality
- Quality of life

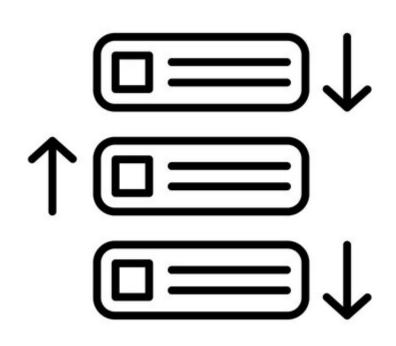


- Wish-list
- Project scope
- Project budget
- Project impacts
- Partnership opportunities

Transportation Improvement Program

PURPOSE: Allocate resources and execute projects

Prioritizes proposed projects



(1 year – 5 years)

Matches projects with available funds



Establishes tangible expenditures



Transportation Programming Process



- Review wish-list of projects
- Align shortlist of projects with local and regional goals and priorities

- Review funding opportunities
- Identify project partnerships
- Prioritize sources of transportation funding



Commence project

design/construction

Transportation Planning vs. Programming

Planning

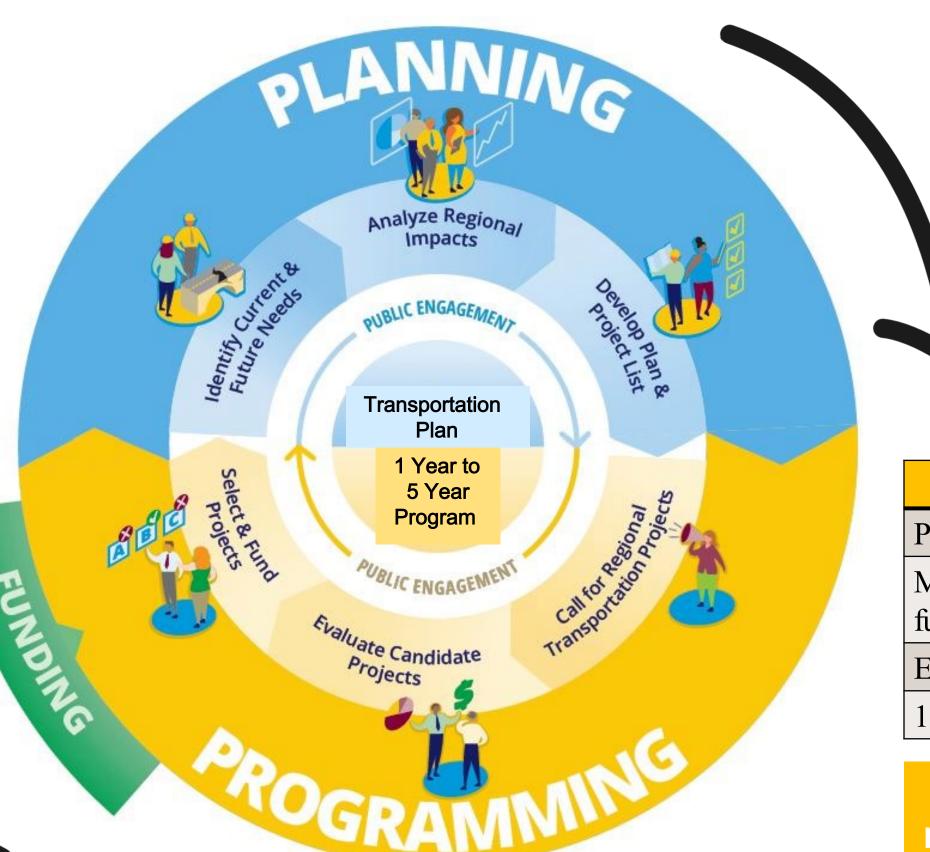
Develop a vision

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Programming

Prioritize proposed projects

Match projects with available funds

Establish tangible expenditures

1 Year - 5 years

Involves allocating resources and executing projects

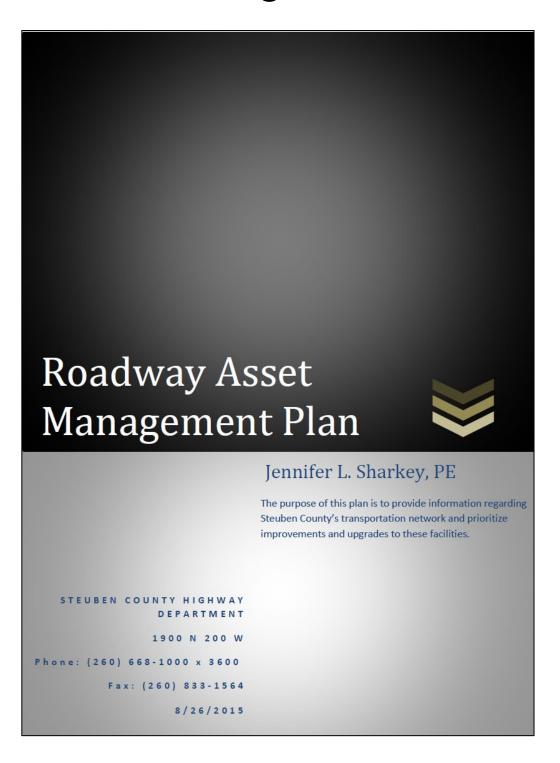


Local Technical Assistance Program

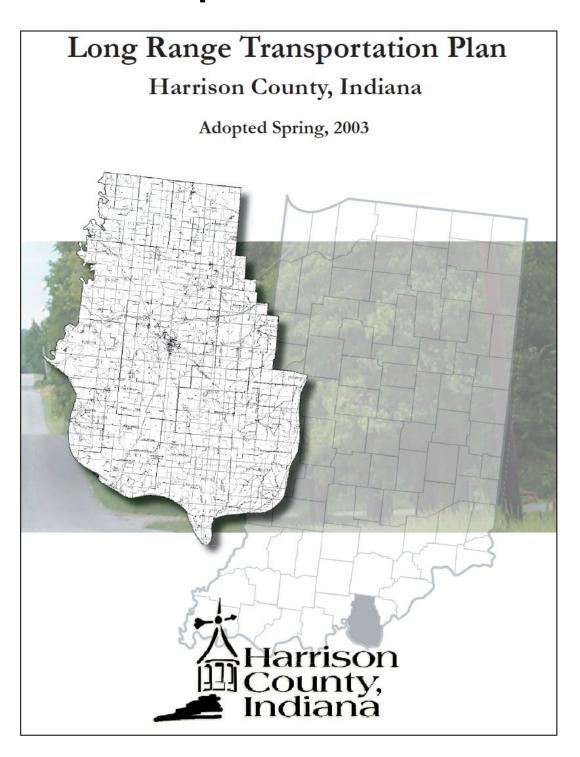
Source: https://thenovaauthority.org/planning/process/

Asset Management Plan, Transportation Plan, Transportation Program

Asset Management Plan



Transportation Plan



Transportation Program

Noble County Highway Department

Transportation Asset Management - Highways
2016 Road Rehabilitation and Maintenance Plan



Prepared by: Zachary S. Smith, P.E.

Date: April 25, 2016

1118 E. Main St. Albion, IN 46701 260-636-2124 zsmith@nobleco.us



Asset Management Plan, Transportation Plan, Transportation Program

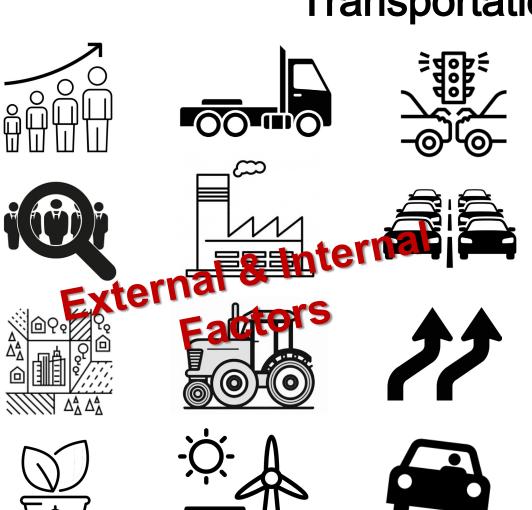
Asset Management Plan

Roadway	From Road	To Road	Length	Width	Surface Type	Rating	Year Rated	Functional Classification
Butler Ln.	Kathryns Ct.	Patty Ln.	0.04	35	Asphalt	7	2016	Residential
Candy Ln.	Meadow Ln.	Patty Ln.	0.06	22	Chip Seal	EX	stin	Local—Residential
Carnoustie Cir.	Claridge Ct.	End	3h	litik	Chalt	8	2016	Local—Residential
Carnoustie Cir.	Ballenshire Ln	Clarid (C.).	0.09	28	Asphalt	8	2016	Local—Residential
Circle Dr.	Meadow Ln. Claridge Ct. Ballenshire Ln Cplt E. Split	N 900 E	0.09	23	Chip Seal	5	2016	Local—Residential
Circle Dr.	E. Split	E. Split	0.48	18	Chip Seal	5	2016	Local—Residential

Transportation Program

Road name	Start Point	End Point	Miles	Work performed	Cost	Year	Cumulative Cost
Angling Rd.	Kendallville	800N	1	1.5" HMA Surface	\$55,746	2016	\$55,746
600S	SR9	Bridge 82	2.45	1.5 HMA SIFE AM	\$136,578	2016	\$192, 324
Appleman Rd.	1000E	Riley Rd.	1601	Orickses	\$6,875	2016	\$199,199
900N	1050W	Riley Rd. SR.5	2.5	Crack Seal	\$13,750	2016	\$212,949
550S	1100E	Old SR.3	1	Crack Seal	\$5,500	2016	\$218,449

Transportation Plan



Shiloh Road/Fogel Road (se	ee Figure 14)
Project Location:	From S.R. 337 to Corydon-New Middletown Road at New Middletown.
Project Length:	11,700 feet (2.22 miles)
Project Description:	 Reconstruct 2-lane rural section from S.R. 337 to Corydon-New Middletown Road. Realign approximately 2,000 feet (0.38 miles) and follow existing alignment for approximately (20) feet 1.84 miles).
Project Termini:	Consect S.R. 337 (Major Collector) Carry S. New Middletown Road (Major Collector) at 1 jew. M. ddletown.
Current Funct Ma	Local Road – To be reclassified as a Major Collector.
Current ADT:	1,764 v.p.d
Benefits:	 Connect S.R. 337 (Major Collector) to Corydon-New Middletown Road (Major Collector) at New Middletown. Improve access to southern portion of Corydon. Realign horizontal and vertical curves to improve sight distance.

Improved traffic flow and safer facility.

Year	Rating	Treatment	Estimated cost per mile	Estimated miles	Estimated cost	
	7–10	Crack Seal	\$5,500	33.6	\$184,800	
	6–7	Rejuvenator	\$11,733	4.2	\$49,749	
	6	Single Micro Seal	\$35,200	0.3	\$10,912	
	6	Single Chip Seal	\$10,939	13.3	\$144,944	
2016	5	Double Chip Seal	\$21,036	32.2	\$676,314	
	5	Double Micro Seal	\$46,933	5.8	\$275,111	
	4-5	1.5" HMA Surface	\$55,746	3.5	\$192,324	
	4-5	Wedge	\$5,000	15.7	\$78,250	
	1–3	Reconstruction	\$56.624	m	\$509,616	
		- 102	\$56.624 r progra \$12,085	2016 Total	\$2,122,020	
	8-10	Asprê t se, ant	\$12,085	9.9	\$119,282	
	7–10	Crack Seal	\$5,665	46.4	\$262,969	
	6	Single Chip Seal	\$11,267.38	30.8	\$346,472	
	6	Micro Seal	\$36,256.00	1.0	\$37,344	
2017	5	Double Chip Seal	\$21,667.29	24.8	\$536,265	
2017	5	Double Miro Seal	\$48,341.33	5.8	\$279,353	
	4-5	1.5" HMA Surface	\$57,418.38	0.6	\$35,025	
	4–5	2" HMA Binder	\$73,601.33	7.0	\$513,737	
	4-5	Wedge	\$5,150.00	7.0	\$36,050	
	1–3	Reconstruction	\$58,322.72	8.5	\$495,743	
				2017 Total	\$2,662,241	

Asset Management Plan, Transportation Plan, Transportation Program

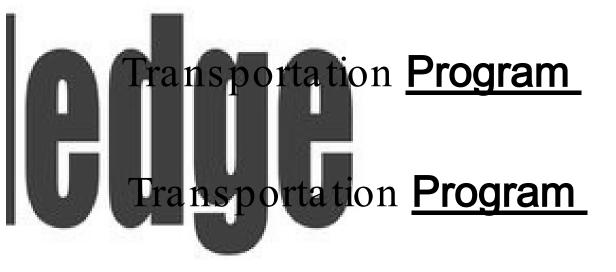


Transportation Plan

Asset Management Plan (existing) & Transportation Plan (future)

Asset Management Plan & Transportation Plan

Transportation **Plan**



Asset Management Plan





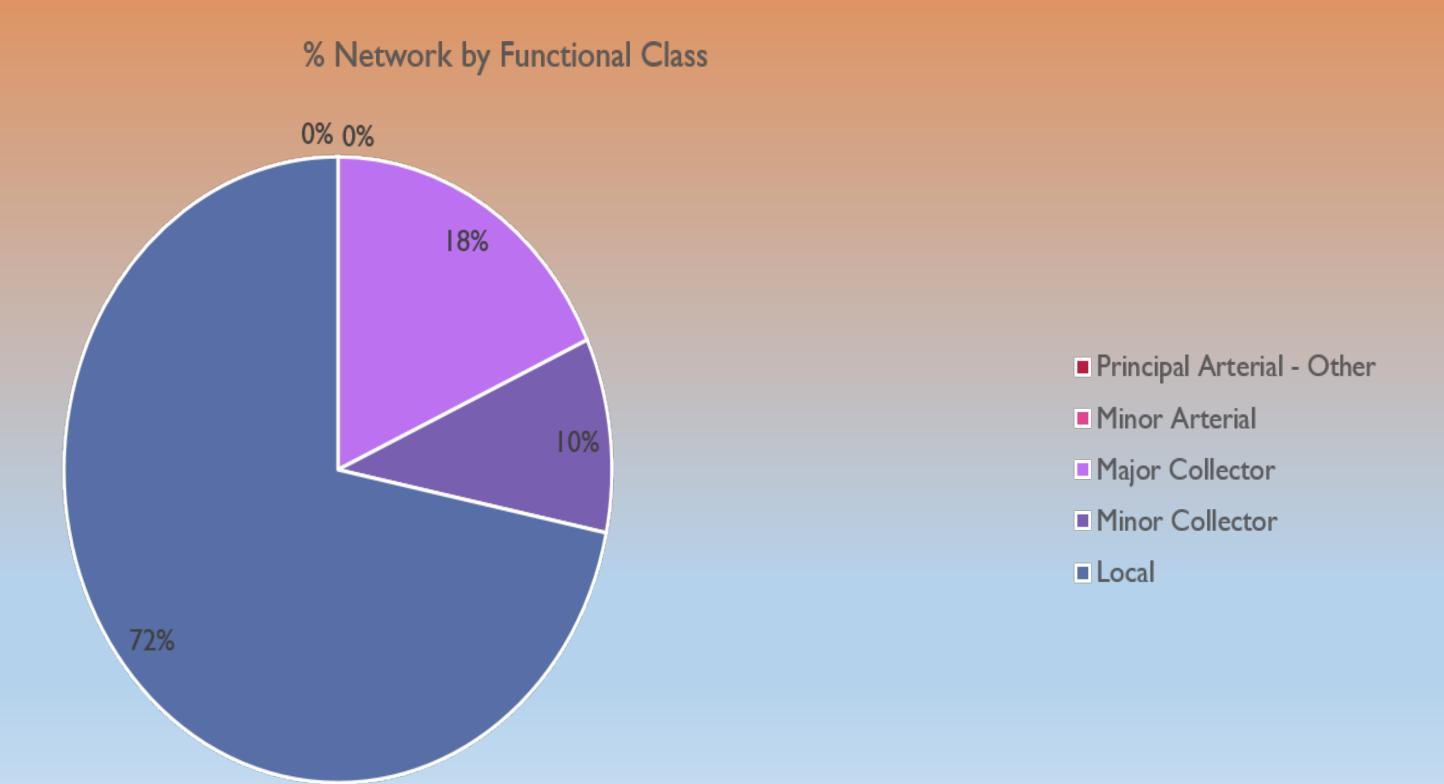


How do Counties use Asset Management Plans?

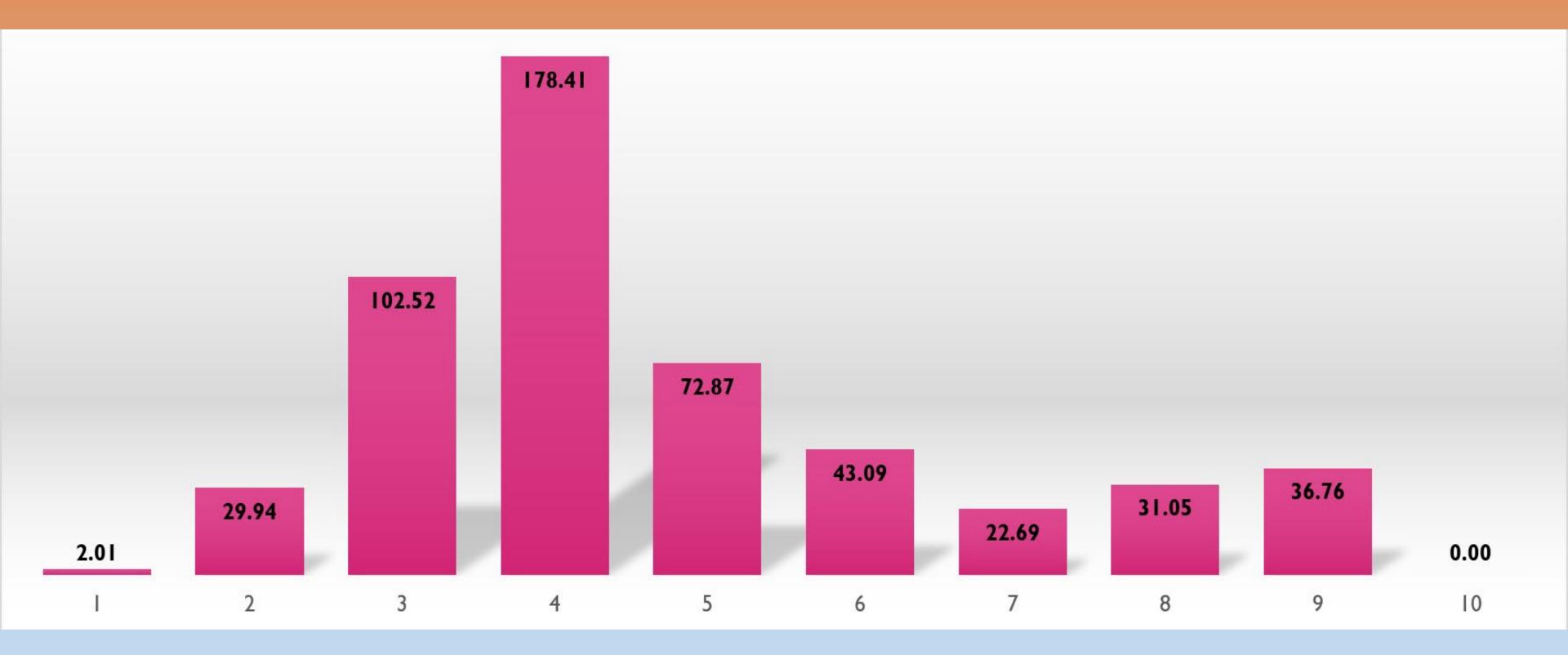
Asset Management into Action

Montgomery County Highway

Distribution of Transportation Network

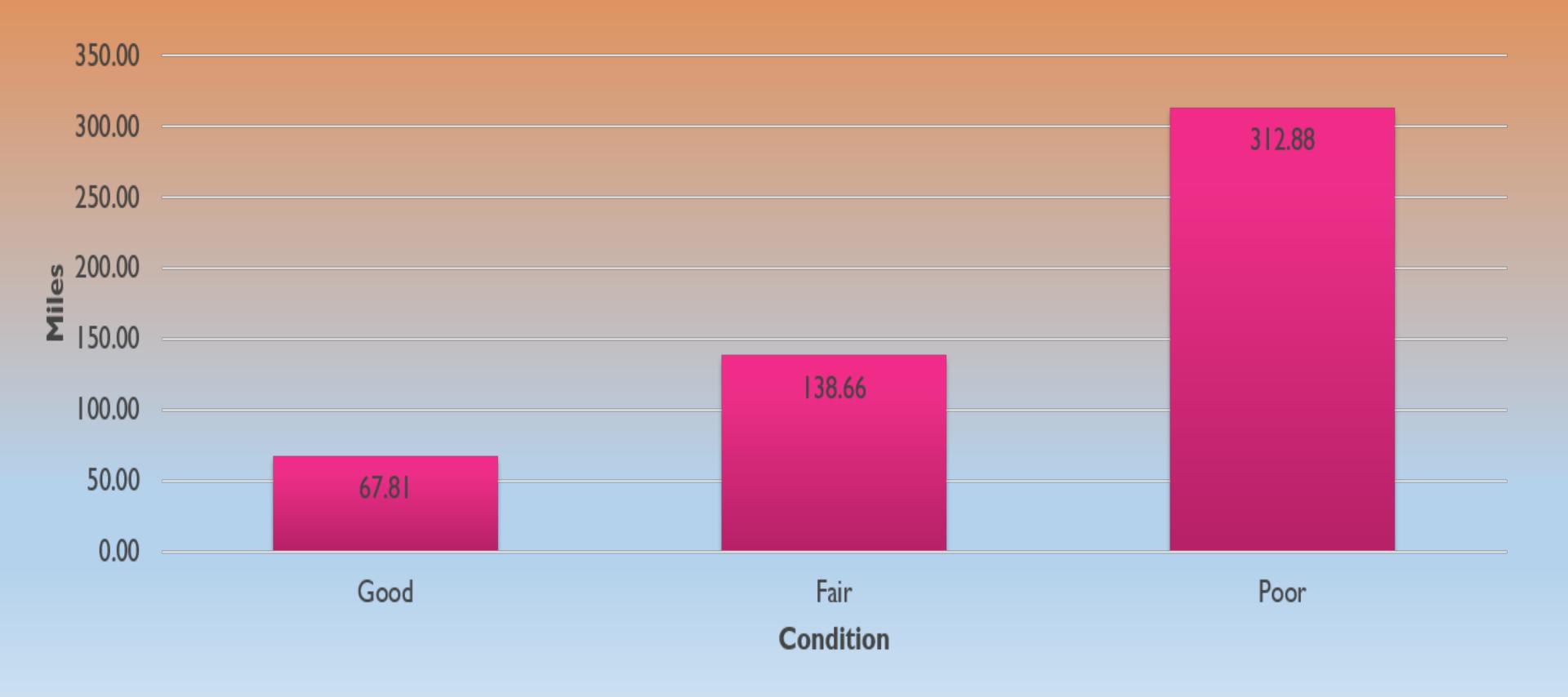


PASER Rating by Miles



PASER Rating

Condition Rating by Miles



Summary of Treatment Types

• 500 Miles= -500 years of life each year

TREATMENT TYPE	YEARS ADDED 2022	YEARS ADDED WITH FUTURE PLAN	
Crack Seal (1 mile = 1 Yr)	0	20 (20 miles)	
Hot Mix (1 mile= 10 Yr)	80 (8 miles)	80 (8 miles)	
Cold Mix (1 mile = 10 Yr)	80 (8 miles)	250 (25 miles)	
Chip Seal (1 mile= 7 yr)	140 (20 miles)	329 (47 miles)	
	TOTAL 300 years	TOTAL 679 years	
	-200 YEARS	+179 YEARS	

Plans

- Local Road Safety Plan
- Thoroughfare Plan
- Comprehensive Plan



Local Road Safety Plan

- Crash Data
- Sign Grant
 - 1300 signs replaced
 - Thoroughfares were prioritized
 - HSIP 90/10 grant
 - LRSP helped get this

Risk Factors

As part of the analysis, several risk factors were also analyzed which compared incidence of crashes on the roadway network as a whole versus incidence of crashes which shared the identified attributes. The data tables for this analysis can be found in the appendix. Data categories analyzed included:

- Traffic Volume (AADT)
- Roadway Width
- Should Width
- Apparent Right-of-Way Width Beyond Edge of Pavement
- Roadway Classification
- Pavement Condition (PASER Rating)
- Location (Township Location)
- Curve Sign Distribution
- Speed Limit
- Pavement Type
- Snow Routes
- Ditch Condition

Heat Maps

In addition to the individual risk factors, heat maps were also created for specific crash types based on input from the highway department to understand cluster locations of certain types of crashes. These include the bulleted list below and are shown on the following pages.

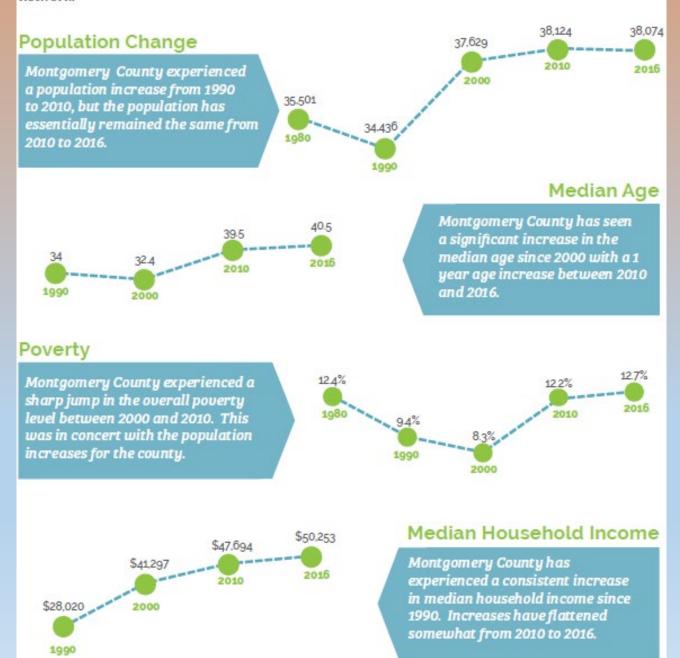
- Roadway Departure
- Animal Crashes
- Snow/Ice Crashes
- Wet Crashes

Thoroughfare Plan

Population & Growth

Source: US Census Bureau ACS 5-Year Estimates

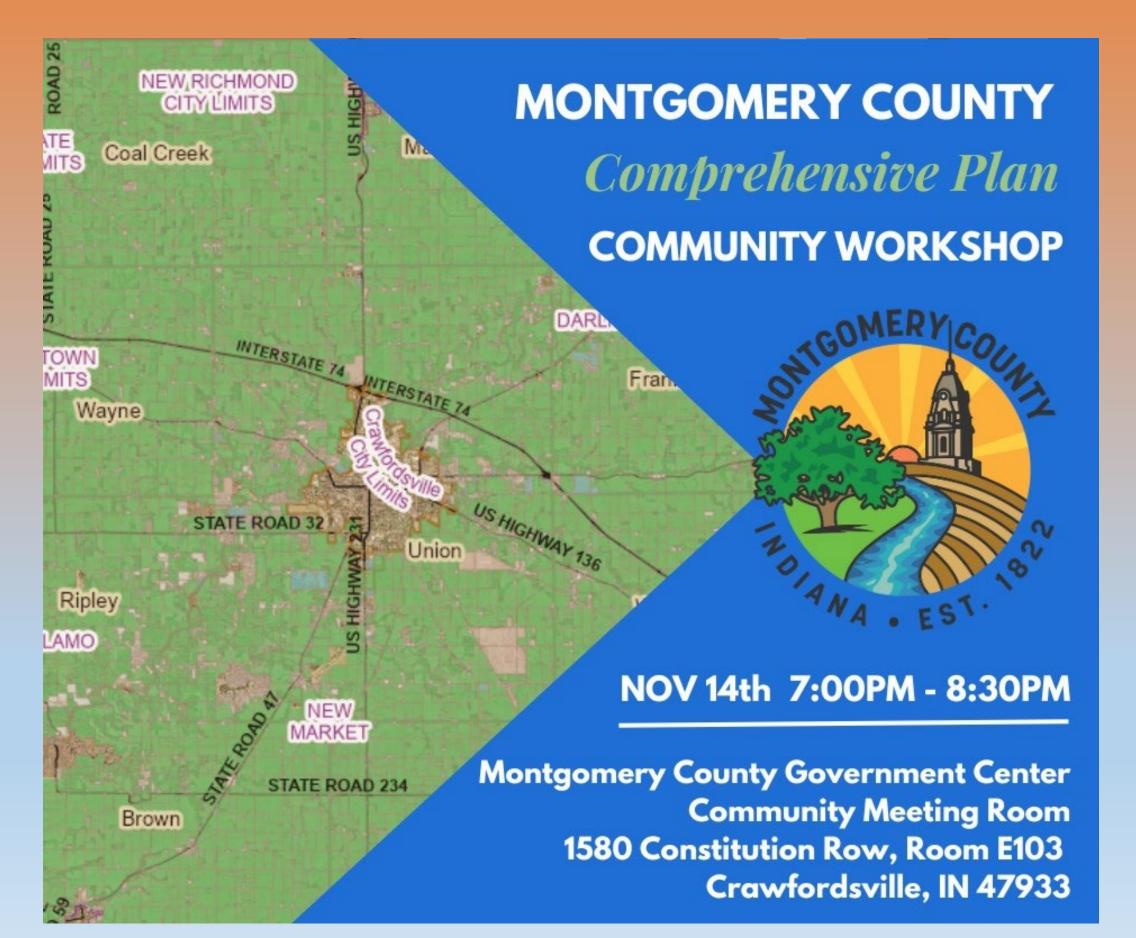
The following demographic data were gathered for the 2019 Montgomery County Comprehensive Plan. Transportation networks are often related to the population of an area, and the land uses. As a community grows, understanding the anticipated changes can help build a better transportation network.



Action Steps

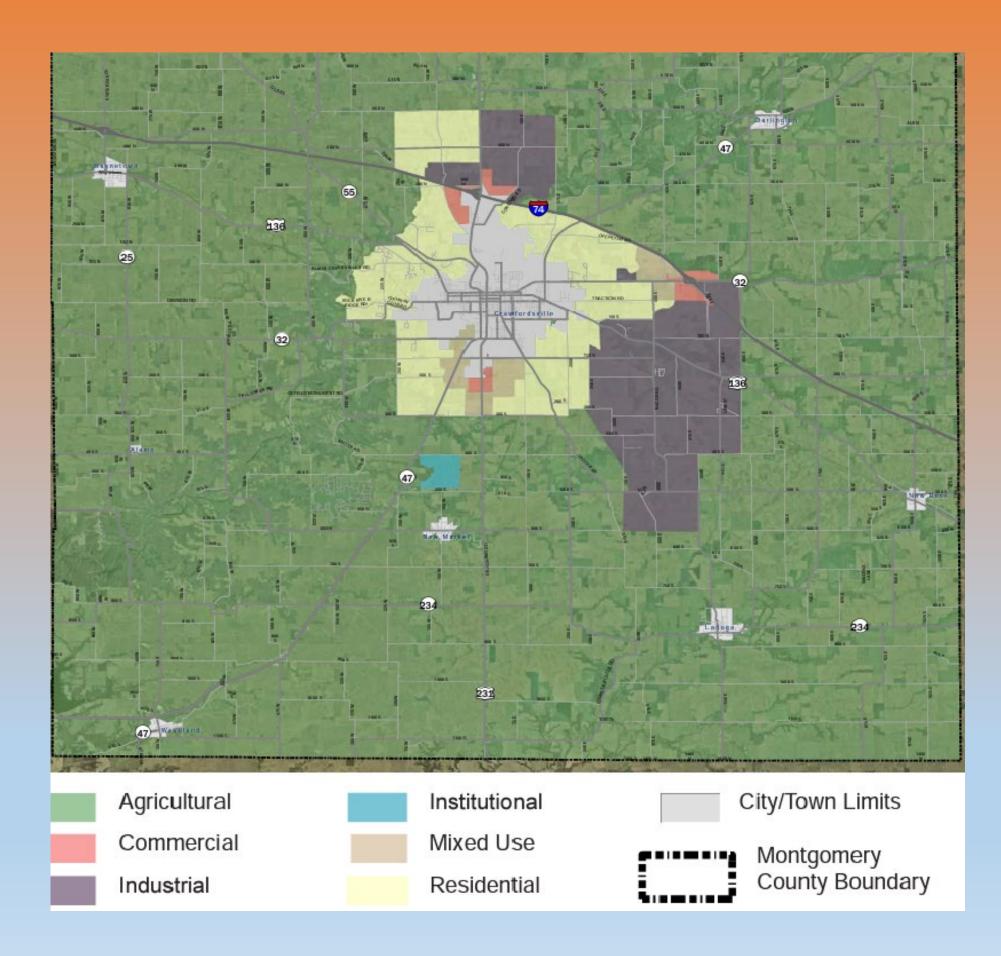
- □ Pursue completion of a Local Road Safety Plan (LRSP)
- Adopt right of way standards into a future zoning ordinance
- Create a Capital Improvements Plan (CIP) to identify annual improvements
- Adopt the Thoroughfare Plan into the County Comprehensive Plan
- Require all new developments to dedicate and/or improve right of way for existing or future streets
- Incorporate regional initiatives that support coordination and safe transportation
- Partner with local jurisdictions to ensure transportation and land use support one another
- Encourage continued dialogue with private sector entities to coordinate improvements to the transportation network
- Work with INDOT to update roadway classifications
- Establish a policy that new and rehabilitated bridges on classified roads should accommodate pedestrians and cyclists.

Comprehensive Plan



Commissioner's Goals

- Jobs were #1 until
 - Tempur Sealy- 300+
 - Nucor expansion- 200
- Now #1 goal is HOUSING
 - 4 housing additions in the works



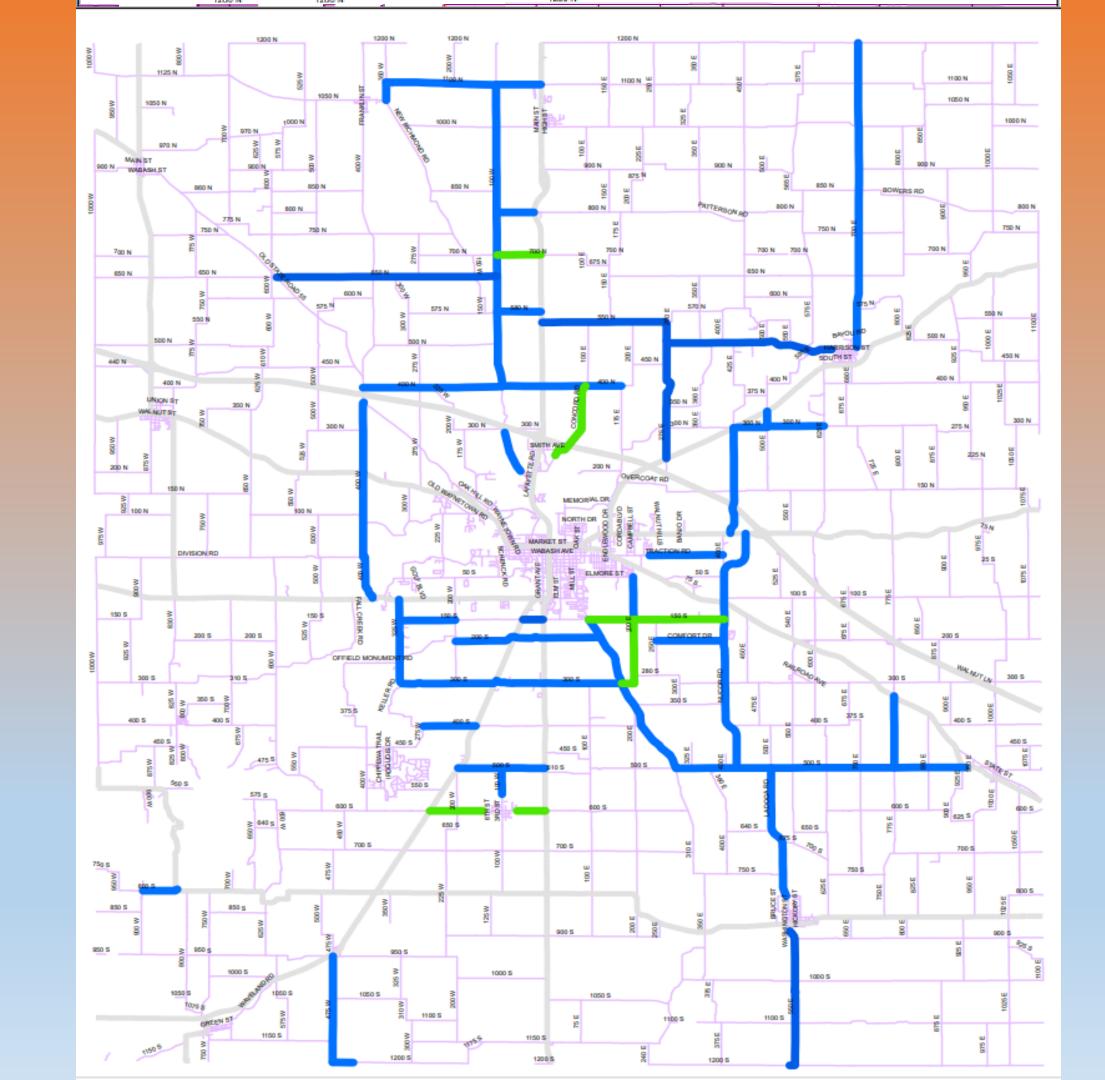
CCMG Paving Policy

Paving

- CCMG
 - School
 - Completes the current loop that has been established prior to previous applications.
 - Does it enter or exit the county on a key road described in the thoroughfare plan
 - Major Collector or Minor Function class
 - Will be scored for Rank if not in the top 3 points

CCMG

- Policy
 - Around Schools
 - Loop around Crawfordsville



Cold Mix Paving Policy

- Cold Mix Asphalt (Ranked by score)
 - Paser Rating 1-4
 - Time Spent Maintaining Roadway
 - Pothole Saturation (percentage of potholes within a segment)
 - Minor or Local Function Class
 - Roadway has high Action Request Work Order volume.
 - Roadway AADT
 - Roadway has or a change in attractants

Score Sheet for Cold Mix Paving

Road Name	925 E	Feature Name	0233d	Year to Pave	<u> </u>		
Beginning Intersection	550 N	Endir	ng Intersection	S.R.47	Miles	0.6003	

Evaluation Criteri	ia based on Data Collected						
Category	Scoring Criteria		Scale		Score	Weight	Weighted Score
		Major Collector	2	MAJOR	2		
Function Class		Minor Collector	2	COLLECTO	0	5	10
		Local	1	R	0		
		1	4		0		
		2	3		0		
PASER Rating		3	2	3	2	25	50
		4	1		0		
		5+	0		0		
		301+	4		0		
Average Daily		131-300	2	73	0	10	10
Traffic Counts		0-130	1		1		
		7 +	2		0		
Action Request		46	1	2	0	15	0
(Multiple people)		03	0		0		
Attractor (Described in Policy)			1	0	0	15	0
B 4 TT 1		61%-100%	5		0		
Pot Hole Saturation		31%-60%	3	50%	2	25	75
Saturation		0%-30%	1		1		
TT		32+	5		2		
Hours of Labor Spent		931	3	32	2	25	125
эреш		08	1		1		

Weighted Sub-Total: 270

Road Name	Begin	End	Class	Ave PASER	ADT	Work Orders	Atractor	Potole %	Labor Hours	Eval Score	Miles
1100 S	550 E	875 E	Local	2	103	8	0	100%	40	370	3.33
440 N	SR 25	1000 W	Local	1	63	1	0	80%	40	365	1.32
1050 E	New Ross	800 S	Local	2	87	6	0	80%	40	347	2.49
New Richmond Rd	700 N	1000 N	Local	3	153	7	0	75%	38	343	3.51
525 E	SR 32	100 S	Local	2	56	2	0	100%	40	340	1.90
1075 E	SR 32	200 S	Major Collector	3	870	8	0	75%	28	330	3.05
1000 S	US 231	200 W	Local	3	152	1	0	70%	32	325	2.00
600 N	600 W	Old 55	Local	3	20	1	0	75%	35	315	0.57
1000 S	550 E	1075 E	Minor Collector	3	165	7	0	58%	37	312	4.77
600 S	SR 47	600 W	Major Collector	4	447	3	1	51%	32	284	3.38
950 E	600 S	SR 234	Minor Collector	3	404	4	0	57%	21	272	2.61
200 W	950 S	1000 S	Local	3	87	1	0	70%	24	265	0.50
650 N	700 E	450 E	Local	4	109	4	0	58%	29	263	2.54
1025 E	800 S	SR 234	Local	2	63	6	0	50%	12	255	0.49
1000 E	600 S	New Ross	Minor Collector	3	289	1	0	85%	8	245	0.50
925 E	SR 47	400 N	Major Collector	4	49	2	0	50%	29	245	2.12
200 S	1000 E	1075 E	Major Collector	3	139	2	1	50%	12	245	0.50
650 N	SR 25	600 W	Major Collector	3	114	3	1	60%	20	243	2.68
100 S	600 E	1075 E	Local	3	47	2	0	68%	17	240	5.03
100 S	Nucor Rd	600 E	Local	4	101	4	0	67%	14	233	2.82
Bowers Rd	700 E	1000 E	Local	3	101	2	0	43%	24	232	3.15
300 W	1150 S	1200 S	Minor Collector	3	102	1	0	50%	20	215	0.50
1150 S	US 231	300 W	Minor Collector	3	214	1	0	33%	21	186	3.00
200 S	775 E	1000 E	Minor Collector	4	84	2	1	32%	9	177	2.34
600 S	950 E	1000 E	Minor Collector	3	535	0	0	10%	2	165	0.33
800 S	1050 E	1025 E	Local	2	58	6	0	30%	8	155	0.25
Division Rd	400 W	650 W	Local	4	100	2	0	30%	6	118	2.62
550 W	US 136	100 N	Local	4	109	0	0	43%	5	115	1.06
500 E	400 N	SR 47	Local	4	108	0	0	43%	5	115	0.64
575 E	500 N	600 N	Local	4	151	0	0	25%	7	100	1.32
400 N	590 E	500 E	Local	4	57	0	0	15%	2	90	0.51
590 E	500 N	400 N	Local	4	76	0	0	20%	8	90	1.05

Summary

- Asset Management beginning tool that develops farther than just pavement conditions
- Community input through plans
 - Local road Safety
 - Thoroughfare
 - Comp Plan
- Let the above determine goals
- Let the goals dictate policy

Thank You

Contact info:

Jake.lough@montgomerycounty.in.gov

Phone: 765-362-2304

Vanderburgh Co. CIPP

Capital Improvement Plan
Capital Improvement Program





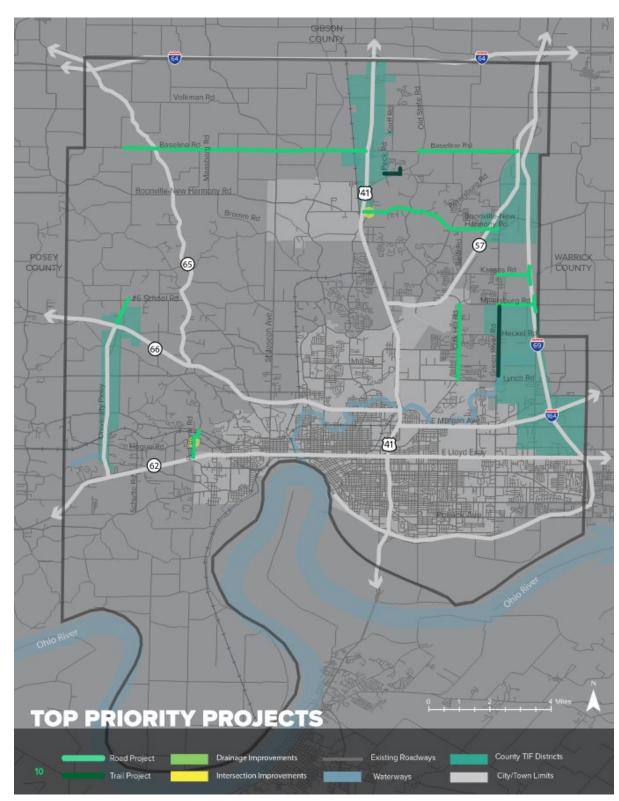
Vanderburgh Co.-CIPP

Capital Improvement Plan

- 20 year horizon
- Not fiscally constrained
- Stakeholder input generated project list

Capital Improvement Program

- Traffic Counts/Congestion
- Safety
- Economic Benefits
- Funding Potential





Oak Hill Road

- Complete reconstruction utilizing federal funds
- Poor road conditions generating complaints from the public
- Traffic count of over 15,000 vehicles/day
- Due to the poor conditions, high traffic count, and public complaints, some work had to be done quickly. However, the scope and cost of the work needed to be minimized as much as possible since the road would be reconstructed in about three years.
- Long term repair would have milled, patched, resurfaced and replaced traffic signal loops.
- Scope scaled back to only include resurfacing and striping.
- Combining information from AMP and CIPP, higher costs were avoided.
- Vanderburgh County has an approved AMP, this short-term project was eligible for and received CCMG funds

ROAD 24

LOCATION: OAK HILL RD, LYNCH RD TO HECKEL RD

DESCRIPTION: ROADWAY WIDENING, 3 LANES, CURB AND GUTTER

PROJECT SCORING: 75

OVERALL COST: \$12,896,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, new/reconstruction, 3 lanes, curb & gutter		8410	LFT	\$636	\$5,348,760
Construction Engineering	105	1	LS	\$139,000	\$139,000
Mobilization and Demobilization	110	1	LS	\$347,000	\$347,000
Clearing Right of Way	201	1	LS	\$139,000	\$139,000
Stormwater Management Budget	205	1	LS	\$139,000	\$139,000
Drainage	720	1	LS	\$347,000	\$347,000
Signage and Pavement Markings	800	1	LS	\$139,000	\$139,000
Maintaining Traffic	801	1	LS	\$347,000	\$347,000

DESCRIPTION	COST		
Construction Subtotal	\$6,945,000		
30.0% Contingency	\$2,084,000		
Estimated Total- Construction	\$9,030,000		
Preliminary Engineering- 15.0%	\$1,355,000		
Construction Inspection- 12.5%	\$1,129,000		
Project subtotal	\$11,514,000		
Project Contingency- (% varies	12%		
based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	\$1,382,000		
Project Total	\$12,896,000		







- Seib Road is included in the county's Capital Improvement Plan, but not the Program
- 2021 PASER ratings that ranged from 1-5.
- New 200 lot residential subdivision was also being built on Seib Road.
- Estimate to reconstruct was over \$10 million
- Classified as a local road, not federal fund eligible
- Near term funding to reconstruct Seib Road did not seem probable.
- Vanderburgh County decided to proceed with a project that milled, patched, and resurfaced Seib Road for \$188,680.00.
- Since Vanderburgh County has an approved AMP, this project was eligible for and received CCMG funds, which reduced the county's cost

ROAD 35

LOCATION: SEIB RD, KANSAS RD TO BOONVILLE-NEW HARMONY RD
DESCRIPTION: ROADWAY WIDENING, 2-3 LANES, SHOULDER/DITCH

PROJECT SCORING: 30

OVERALL COST: \$10,130,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, widening, 2-3 lanes, shoulder/ditch		8660	LFT	\$494	\$4,278,040
Construction Engineering	105	1	LS	\$111,000	\$111,000
Mobilization and Demobilization	110	1	LS	\$278,000	\$278,000
Clearing Right of Way	201	1	LS	\$111,000	\$111,000
Stormwater Management Budget	205	1	LS	\$111,000	\$111,000
Drainage	720	1	LS	\$278,000	\$278,000
Signage and Pavement Markings	800	1	LS	\$111,000	\$111,000
Maintaining Traffic	801	1	LS	\$278,000	\$278,000



DESCRIPTION	COST		
Construction Subtotal	\$5,556,040		
30.0% Contingency	\$1,667,000		
Estimated Total- Construction	\$7,223,000		
Preliminary Engineering- 15.0%	\$1,083,000		
Construction Inspection- 12.5%	\$903,000		
Project subtotal	\$9,209,000		
Project Contingency- (% varies	10%		
based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	\$921,000		
Project Total	\$10,130,000		



Benefits/Conclusions

- Having an inventory of all projects informs the public of leadership awareness of the vas need for infrastructure investment
- Plan development process provides a forum for community to provide input and helps establish community buy-in on the CIPP
- Rough project estimates significantly aid in determining a funding plan
- If a funding plan cannot be determined, prioritization in the Asset Management Plan becomes more critical in developing appropriate repair strategies
- Prioritization of improvements can provide incentive for economic development and a tool to negotiate private investment in the proposed project.





Vanderburgh Co. CIPP Awards/Recognition

- 2019 Association of Indiana Counties (AIC) County Achievement Award
- 2020 American Council of Engineering Companies (ACEC)
 Engineering Excellence State Finalist Award





VANDERBURGH COUNTY

Commissioner Cheryl Musgrave cwmusgrave@vanderburghgov.org

John Stoll, P.E., County Engineer jstoll@vanderburghgov.org



Link To Vanderburgh County CIPP

https://www.evansvillegov.org/egov/documents/2c8679f2 e809 964f 26f4 1c2a96 b468f7.pdf





Future of LTAP Asset Management

Patrick Conner, PE Lead Asset Management Engineer, LTAP

WHAT'S NEXT FOR ASSET MANAGEMENT IN INDIANA

PASER Certification

GIS-based reporting by local agencies

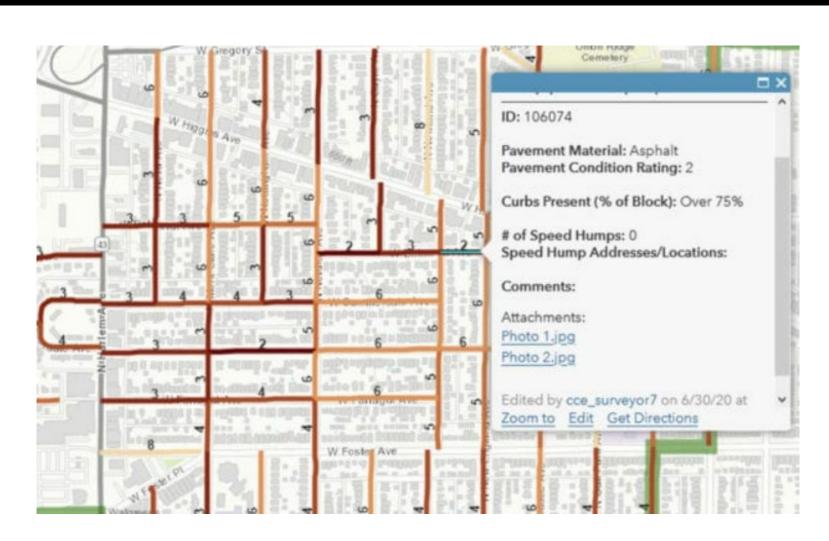
Incorporate additional transportation assets

 (i.e. stormwater, water, wastewater, fleet,
 signage, pavement markings, guardrail, etc.)















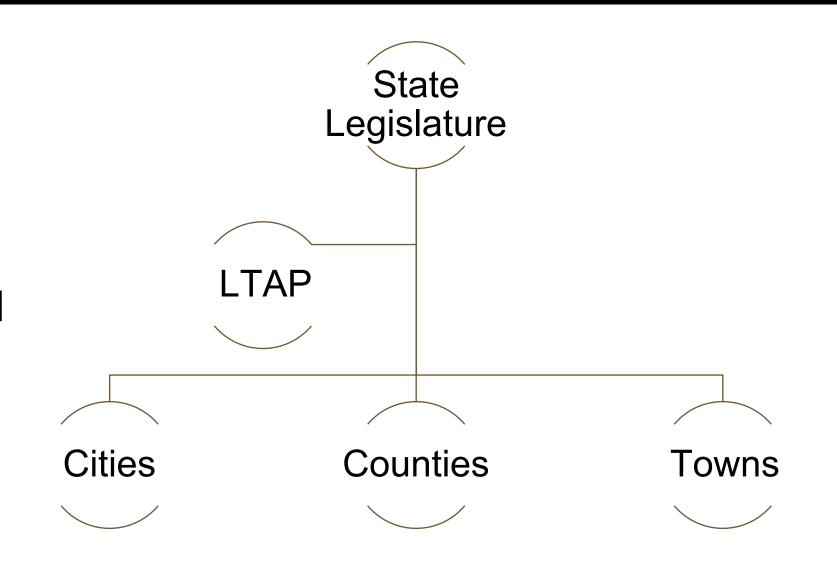
Summary and Key Takeaways

Intersection of Asset Management and Transportation Improvement

Asset Management

- Timeline of activities
 - 2016 began collecting local data statewide
 - 2018 online data submission portal launched
 - 2022 online public portal released
- Benefits
 - Driven by policy
 - Based on performance
 - Founded on lifecycle needs
 - Supported by data
 - Defensible





Key Takeaways

- Takes politics out of pavement management
- Tool to budget
- Tool to plan
- Tool to communicate

Intersection of Asset Management and Transportation Improvement

Plans and Programs

- Transportation Improvement Plan
 - Comprehensive, Cooperative, & Continuing
 - Identifies where to go and how to get there
 - Long-range planning for 5, 10, 20 years into the future
- Transportation Improvement <u>Program</u>
 - Allocates resources and executes projects
 - Actionable list of items to complete
 - Short-term planning for 1 year to 5 years

Key Takeaways

Transportation Improvement Plan

- Develops a vision
- Creates goals, objectives & strategies
- Identifies "wish-list" of projects

Transportation Improvement Program

- Prioritizes projects
- Matches projects to funding
- Executes project design & construction



Intersection of Asset Management and Transportation Improvement

Strategies for Success

- Montgomery County
 - Solicit stakeholder input
 - Local Road Safety Plan
 - Thoroughfare Plan
 - Comprehensive Plan
 - Identify overarching goals of the community
 - Used to be jobs, now it is housing
 - Establish policies based on identified goals

Key Takeaways

- Know your network
- Know your goals
- Let goals dictate policy



Vanderburgh County

- Benefits of a Plan
 - Inventory of projects
 - Community input
 - Tool to attract private investment
- Benefits of a Program
 - Prioritizes project development & funding
 - Identifies appropriate repair strategies

Key Takeaways

- Aids in private investment
- Strategically invests limited road funding
- Ability to leverage grant opportunities



TO LEARN MORE...

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