

SUCCESSFULLY SHAPING YOUR HIGHWAY PROJECTS TO MATCH AVAILABLE FUNDING SOURCES

“LIFE'S TRAGEDY IS THAT WE GET OLD TOO SOON AND GROW WISE TOO LATE.”

BENJAMIN FRANKLIN



OBJECTIVES FOR TODAY

1. Indiana LTAP role with Asset Management and the Community Crossings Matching Grant Fund
2. Progress of the new LTAP Data Management Program
3. Discuss the legislative requirement for 50% your MVH funds that are used for construction, reconstruction and preservation
4. Develop tools and resources to help local agencies identify internal costs

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COMMUNITY CROSSINGS MATCHING GRANT FUND

- The Community Crossings Matching Grant Program provides funding to cities, towns, and counties to make improvements to local roads and bridges
- In accordance with HEA 1002, each agency applying for Community Crossings Matching Grant Fund must prepare a Road and/or Bridge asset management plan



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ASSET MANAGEMENT PLANS

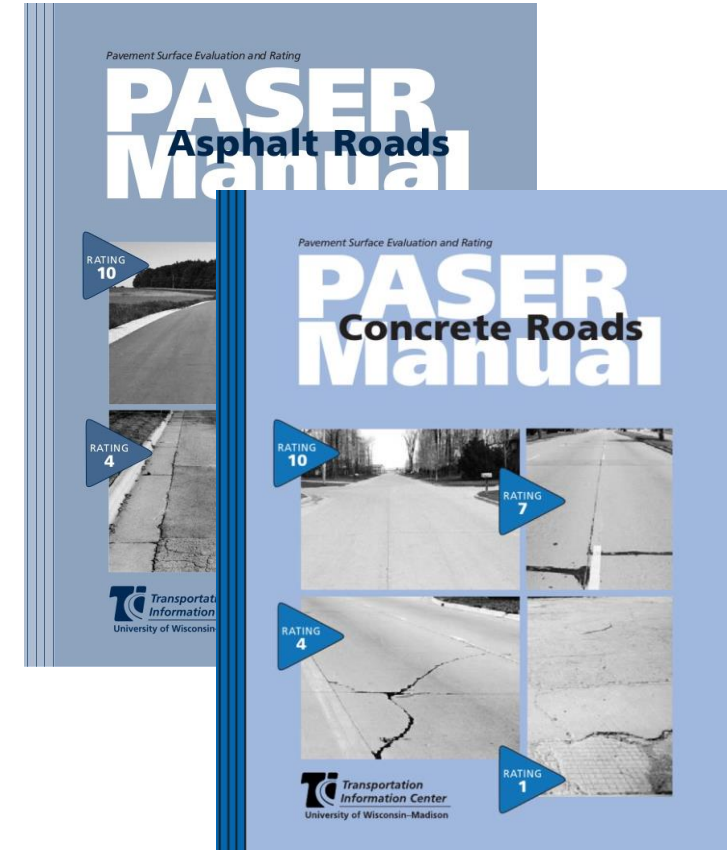
- All local units of government will submit their Asset Management plans to Indiana LTAP
- Indiana LTAP is responsible for receiving, approving and most importantly, assisting with your Road and Bridge Asset Management plans
- Asset Management Templates and additional resources are available from Indiana LTAP

Year	Rating	Treatment Used	Estimated Cost per		Estimated	Estimated Cost								
			Mile		Miles									
2019	5	Overlay - 1.5"	51400		38	\$1,953,200.00								
2019	8	Fog Seal	9600		63	\$604,800.00								
2019	9	Crack Seal	4000		56	\$224,000.00								
2020	5	Overlay - 1.5"	52900		37	\$1,957,300.00								
2020	8	Fog Seal	9900		61	\$603,900.00								
2020	9	Crack Seal	4120		54	\$222,480.00								
2021	5	Overlay - 1.5"	54500		36	\$1,962,000.00								
2021	8	Fog Seal	10200		59	\$601,800.00								
2021	9	Crack Seal	4240		53	\$224,720.00								
2022	5	Overlay - 1.5"	56200		35	\$1,967,000.00								
2022	8	Fog Seal	10500		57	\$598,500.00								
2022	9	Crack Seal	4370		51	\$222,870.00								
2023														
2023														
2023	Designation	Roadway	From	To	Length in Miles	Width in Feet	# Lanes	Surface Type	Rating System	Rating	Date Rated	Functional Classification		
	0011F	VALLEY CITY MAUCKPOR	NEW AMSTERDAM RD	Dead End	0.145	18.000	2	asphalt	PASER	PASER	3	10/19/2017	Local	.00
	0216B	WOODY LN SE	FLAT WOODS RD SE	TOWNSHIP LINE	0.066	18.000	2	asphalt	PASER	PASER	3	10/19/2017	Local	.00
	0216C	WOODY LN SE	TOWNSHIP LINE	TOWNSHIP LINE	0.309	18.000	2	asphalt	PASER	PASER	3	10/19/2017	Local	
	0216D	WOODY LN SE	TOWNSHIP LINE	GLEITZ BLANK RD SE	0.769	18.000	2	asphalt	PASER	PASER	3	10/19/2017	Local	
	0307A	HAGNER DR NW	OLD FOREST RD NW	Dead End	0.118	18.000	2	asphalt	PASER	PASER	3	10/19/2017	Local	
	0406A	OLD SVY AIRE RD	HWY 337	Dead End	0.287	18.000	2	asphalt	PASER	PASER	3	10/19/2017	Local	
	0470A	BETH LN NW	GETHESEMANE RD NW	SPRING VALLEY DR	0.208	18.000	2	asphalt	PASER	PASER	3	10/19/2017	Local	
	0004A	SCENIC VIEW DR SW	HWY 11	TOWNSHIP LINE	1.043	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0017E	UNION CHAPEL RD SE	TOWNSHIP LINE	HETH WASHINGTON	1.029	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0024A	BUENA VISTA RD SE	OLD DAM 43 RD SE	ROSEWOOD RD SE	2.689	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0007D	MCPHILLIPS RD SE	ELIZABETH NEW MIDO	NEEDMORE LN	1.139	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0007E	MCPHILLIPS RD SE	NEEDMORE LN SE	BLACK CHAPEL RD S	0.361	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0027F	MCPHILLIPS RD SE	BLACK CHAPEL RD SE	LOTTICKS CORNER E	0.165	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0028D	POSEY DR SE	BRINLEY FERRY RD SE	SANDY BRANCH RD	1.012	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0035F	HARRISON SPRING RD N	DEVILS ELBOW RD NW	MOBERLY RD NW	0.869	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0036H	SHILOH RD SE	TEN DOLLAR RD SE	Webster Rd	0.677	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0042D	MORGANS LN SE	HWY 11	DOOLITTLE HILL RD	1.324	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0050B	QUARRY RD NW	END OF BLACKTOP	HWY 337	0.256	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0051E	SOUTH GETHESEMANE RD	GREEN VALLEY RD NW	GREEN VALLEY RD N	0.216	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0052C	BIG INDIAN RD NE	TREE RD NE	LOTTICKS LN	1.478	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0052E	BIG INDIAN RD NE	PRIMMERS CHAPEL RD	CORYDON RIDGE RD	0.615	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0062C	ZOAR CHURCH RD NE	OLD HENZ RD NE	TREE RD NE	0.589	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0068B	TOBACCO LANDING RD S	CROSER RD SE	SCENIC VIEW DR SE	0.337	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0087A	CROSER RD SE	Dead End	JACKSON RD SE	0.629	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0111A	TOBACCO LANDING RD S	HWY 11	STACAMORE LN SE	0.937	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0112A	CROSER RD SE	TOBACCO LANDING RD	JACKSON RD SE	0.540	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0128A	KEESDALE CIRCLE SE	REHOBETH RD SE	HWY 11	0.910	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0135A	HAPPY HOLLOW RD SE	ROSEWOOD RD SE	END OF BLACKTOP	0.110	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0156D	VALLEY VIEW RD SW	ASHBRANNEN LN SW	END OF BLACKTOP	0.509	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0168A	UTZ RD NE	EAST WHISKEY RUN RD	Dead End	0.387	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0197D	DOOLITTLE HILL RD SE	LOTTICKS CORNER RD	SHAWY 111	0.702	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0215A	WOODY LN SE	FLAT WOODS RD SE	ST PETERS CHURCH	0.455	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0230B	BURGESS CR RD NW	NOTHOCK MILL RD	NUMBERED RD NW	2.522	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0290A	WEATHERS RD NW	HWY 64	END OF BLACKTOP	0.129	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0308A	BRUNNER HILL RD NW	NORTH RD NW	CORYDON RAMSEY	1.513	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0371A	ST JOHNS RD	EAST WHISKEY RUN	REFLOYD COUNTY	0.245	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0379A	GLEITZ BLANK RD SE	BUCK CREEK RIDGE RD	WOODY LN SE	1.199	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0379B	GLEITZ BLANK RD SE	WOODY LN SE	HESS JAWTAK RD N	0.959	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0400A	COV. S RD NW	CRAWFORD COUNTY	END OF BLACKTOP	0.186	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0402B	GREEN VALLEY RD NW	TOWNSHIP LINE	GETHESEMANE RD N	1.031	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0413C	SENN CT NE	ROSEGAILE DR NE	NEW CUT RD NE	0.104	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0439D	CENTRAL DR SW	HETH WASHINGTON RD	Dead End	0.360	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	
	0466C	CAPITOL BLVD	GRANNEAN LN NE	ELAM LN NE	0.185	18.000	2	asphalt	PASER	PASER	4	10/19/2017	Local	

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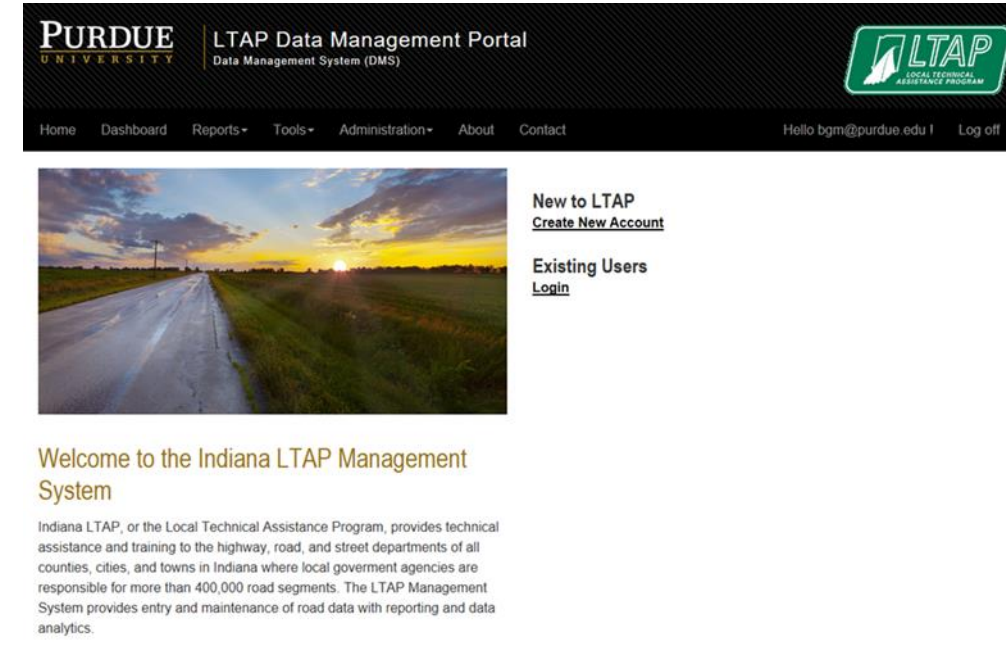
- Asset management plans are living documents and should be updated whenever improvements are made and submitted to Indiana LTAP every year
- Pavement condition ratings need to be updated on a 2 year maximum interval
- Asset Management/PASER training is offered annually in the spring and is available “free to local agencies” online through Indiana LTAP



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DATA MANAGEMENT SYSTEM

- Data Management System will be available early in 2019
- The Data Management System provides entry and maintenance of road data with reporting and data analytics
- Data Management System will also be the portal for submitting your annual operation report and Asset management plans in 2019



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DATA MANAGEMENT SYSTEM

- Agencies will upload
 - Annual Operations Report
 - Pavement Asset Management Plan Template
 - Pavement Inventory And Condition Template
 - 5-year Treatment Summary Template
- Esri field collector tool and report analysis tools are being developed

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Agency Data Submission

Agency	Reporting Year	Data Request Name	Due Date	Status
Carmel	2018	DMS Test 2	8/27/2018	Submitted

Data Request Document Name	Document File Name	Status	Notes	Summary			
Annual Operations Report	Annual Operation Report LTAP 8-13-18 Proposed Template.xlsx	Validated	Notes		Template	Reprocess	
Asset Management Plan	Pavement Asset Management Plan Template-Rev2017.docx	Validated	Notes		Template	Reprocess	
Pavement Inventory	2018 Pavement Inventory and Condition Template.xlsx	Validated	Notes		Template	Reprocess	
Pavement treatment summary	5 Year Road Treatment Summary Template-Rev2018.xlsx	Validated	Notes		Template	Reprocess	

1 - 4 of 4 items

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DATA MANAGEMENT SYSTEM

- LTAP will offer extensive training around the state in the late winter/early spring along with online training and how to videos
- Training will include the latest revisions to the annual operations report
- Training will include Microsoft Excel basics and tips to aid in formatting your asset plan templates

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Pavement treatment summary	5 Year Road Treatment Summary Template-Rev2018.xlsx	Validated			Notes	Template	Reprocess

1 - 4 of 4 items

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ANNUAL CONDITION REPORT

Reporting the condition of our entire local road network.

- Every road rated by a trained rater
- With the two years rating cycle provides a "near real time" level of accuracy on condition assessment of the local road network
- The addition of the annual operations report data will not only report the condition of the local road network but will be able to report the local agency response to the network condition.



ANNUAL CONDITION REPORT

- Indiana now has 92% of the local road network rated with accurate condition data
- Since 2016, 100% of the counties, 100% of the Cities and 75% of towns have submitted pavement condition data
- For the first time local agencies are linking pavement data with financial reporting
- State and local funding decisions can now be based on the actual condition of the network

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FUNDING SOURCES

- Many of our highway departments are meeting the 50% MVH rule we just need to be able to report it
- LTAP will look at what tools will be needed to help counties track project costs and staff time to meet the 50% rule
- Counties will continue to grow, develop and share their lessons learned and experience with programs and software



Carroll County 2015

Annual Operations Report - Highway Department Expenditures										
	Unallocated (IT, CDL, Office Supplies, Support Staff Salaries)	Maintenance	Winter Maintenance	Maintenance Equipment	Project Specific Equipment	Pavement Preservation	Paving Program	Capital Projects	Bridge/Small Structure Projects	Asset Management (Inspections)
50% of MVH - Unallocated										
50% of MVH - Const., Recon., Pres.										
LRS										
Wheel Tax										
Community Crossings										
Cumulative Bridge										
EDIT										
General Fund										
Riverboat/Casino Funds										
Other Local Funds										
Other Local Funds										
Other Local Funds										
		Allowable Expenditure			Non-Allowable Expenditure					

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FUNDING SOURCES

Annual Operations Report definitions: Motor Vehicle Highway Fund, 50% Allowable Expenditures

- Construction, Reconstruction & Preservation
- Preservation
- Pavement
- Bridges
- Right of Way



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FUNDING SOURCES

Annual Operations Report definitions: Motor Vehicle Highway Fund, 50% Non-Allowable Expenditures.

- Maintenance & Repair
- Winter Operations
- Other Maintenance & Repair
- Pavement
- Bridges
- Right of Way Operations





- ASK ME ABOUT “LTAP DIRECT”
- WATCH FOR UPCOMING NEWS ON ROAD SCHOOL AND 2019 TRAININGS

**THANK YOU FOR
LISTENING**



Local Technical Assistance Program

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West Lafayette, IN 47906

765.494.2164

800.428.7639 (Toll Free)

765.496.1176 (FAX)

