

Revision of Local Road and Street Manual

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Federal Highway
Administration



Indiana Department
Of Transportation



Purdue
University

Indiana LTAP - Outline

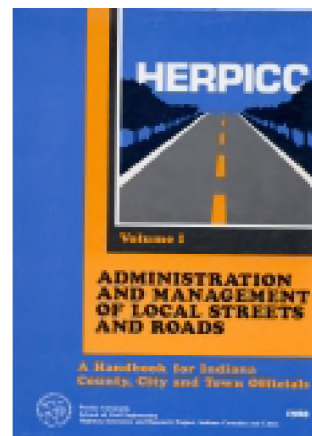
- Mission Statement
- Overview of our manual revision
- Timeline of project
- Topics involved
- What is changing since 1988
- Methods used to rewrite the manual
- Who else is involved in this revision

Indiana LTAP - Mission Statement

The Mission of the Indiana LTAP Center is to foster a safe, efficient, environmentally sound transportation system by improving the skills and knowledge of local transportation providers through training, technical assistance, and technology transfer.

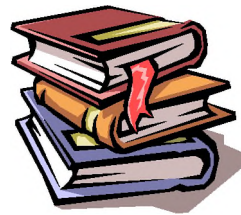
Indiana LTAP - Manual Revision

- To evaluate, revise and rewrite the 1988 publication, “Administration and Management of Local Streets and Roads”



Indiana LTAP - Users of the Manual

- Who uses the manual?
 - ◆ 1700 copies distributed in 1988 to:
 - ✦ County Commissioners
 - ✦ Engineers
 - ✦ City and Town Officials
 - ✦ Mayors



Indiana LTAP - Timeline

- Project Start Date: July, 2000
- Project Finish Date: July, 2003
- Five Phase Project



Indiana LTAP - Timeline

Phase	Task	2000				2001				2002				2003											
		J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
I	Research																								
	Topic Development																								
	Format and Distribution																								
	Copyright Tasks																								
II	Write/Edit four Chapters																								
III	Write/Edit four Chapters																								
IV	Write/Edit four Chapters																								
V	Complete Distribution																								
	Evaluate Project																								
	Implement Plan for Changes																								
	Conduct Final Evaluation and Close Out meeting																								
	Submit final Progress Report																								

Indiana LTAP - Topic Matrix

1988

- * Local Authority
- * Intergovernmental Relations
- * Transportation Planning at the Local Level
- * Obtaining Right-of-Way

- * Road Revenues
- * Traffic Control and Management

- * Organizing and Managing the Local Road and Street Effort

- * Design and Specifications for Streets and Roads

- * Location, Relocation, Vacation and Railroad Abandonment
- * Jurisdictional and Functional Classification

2003

- * Local Authority
- * Intergovernmental Relations
- * Transportation Planning
- * Obtaining, Maintaining and Vacating Right-of-Way (Included Dealing with Abandoned Right-of-Way)
- * Funding Local Transportation System-Planning and
- * The Highway, Road and Street Risk Management Program
- * Signage and Traffic Management
- * Asset Management-(Pavement, Structures, Signs, Signals and Equipment)
- * Management of Local Streets and Roads
- * Engineering and Technology-Challenges-bridges, design and specifications, inspection, drainage, signage, construction, snow and ice removal
- * Transportation Efficiency Act-Evolution, Predicting the future, other Special Issues
- * Special Challenges. Historically Significant Properties

Indiana LTAP - Topics

- Phase II Topics (current)
 - ◆ Local Authority – Jim
 - ◆ Intergovernmental Relations – Jim
 - ◆ Obtaining, Maintaining and Vacating Right of Way – Jim
 - ◆ Asset Management - Nicole
 - ◆ Transportation Planning - Nicole



Indiana LTAP - Topics

- Phase III Topics (July – December 2001)
 - ◆ Management of Local Streets and Roads- Missions, Goals, Objectives – Jim
 - ◆ Funding – Jim
 - ◆ Highway, Road and Street Risk Management- Jim
 - ◆ Signage and Traffic Management – Nicole
 - ◆ Engineering and Technology - Nicole

Indiana LTAP - Topics

- Phase IV Topics (January – June 2002)
 - ◆ Transportation Efficiency Act – Jim
 - ◆ Special Challenges - Jim

Indiana LTAP - Challenges

- Many statutes have been repealed
- Many references are out of date
- How can the utility of the manual be increased?
- How can the manual be better organized?



Indiana LTAP - What's Changing?

- Addition of new pertinent statutes, and removal of repealed statutes
- Newer, more up-to-date topics to keep up with changes in technology
- Statutes immediately following each chapter, for easier utility
- Better structure of manual, for better utility

Indiana LTAP - Consolidated Findings

- Statutory References
 - ◆ Numerous statutes have changed or been repealed. We are in the process of determining exactly which ones changed and where to get the relevant information contained in them.
- Impact of MPO's
 - ◆ Increased presence of MPO's has taken place since the first publication. Consequently, an entirely new transportation planning chapter is being developed to incorporate this change.

Indiana LTAP - Consolidated Findings

- Increasing Usability.
 - ◆ Statutes immediately following chapter.
 - ◆ Matrix of statutes by subject which apply to counties, cities and towns.
- Right of Way issues.
 - ◆ Updating sections dealing with width, legalization, and related issues.
- Disposition of Railroad Right of Way.
 - ◆ Subject has changed in major ways since 1988. A new review and update is required.

Indiana LTAP - Methods

- Steps in the rewrite process
 - ◆ Evaluate old chapter
 - ◆ Conduct search for new references
 - ◆ Develop new topics
 - ◆ Produce an outline
 - ◆ Discuss and develop outline
 - ◆ Research and write chapter

Indiana LTAP - Methods

- Develop New Topics
 - ◆ Examples (Transportation Planning Chapter)
 - ⇒ ITS (Intelligent Transportation Systems)
 - ⇒ MPO's
 - ⇒ Levels of Responsibility in Transportation Planning
 - National, State, Local, Private
 - ⇒ Permits
 - ⇒ Zoning Procedures
 - ⇒ Eminent Domain

Indiana LTAP - Helping Hands

- Who is involved?
 - ◆ TAC - Technical Advisory Committee
 - ◆ SAC – Study Advisory Committee
 - ◆ Surveys
 - ◆ Personal Interviews
 - ◆ You!



Indiana LTAP - Technical Advisory Committee - TAC

- Who's involved?
 - ◆ 43 individuals
 - ✦ LTAP staff
 - ✦ Commissioners
 - ✦ Association Directors
 - ✦ Planners and Engineers
 - ✦ Town Managers
- Met November 9, 2000



Indiana LTAP - TAC - Recommendations

- Include TIF Funding
 - ◆ Will incorporate into the “Funding the Local Transportation System” chapter
- Stronger emphasis on asset maintenance
 - ◆ “Asset Management” chapter
- Include Infrastructure asset management and work management
 - ◆ Also include in “Asset Management”

Indiana LTAP - TAC - Recommendations

- Clearly state what is needed for counties and cities separately – possible matrix
 - ◆ Will incorporate into all chapters
- Include a specific section which gives guidance to local agencies on maintenance and operation of transportation infrastructure and asset management
 - ◆ Will include in “Management of the Local Road and Street Effort” chapter, and “Asset Management” chapter

Indiana LTAP - TAC - Recommendations

- Environmental Issues – Storm water runoff
 - ◆ Engineering and Technology
- State limits on using agency workers rather than contracting out
 - ◆ Funding-Purchasing Discussion
- Pavement and bridge management systems
 - ◆ Asset Management
- Selection of design consultants and inspection during construction
 - ◆ Funding-Purchasing Discussion

Indiana LTAP - Study Advisory Committee - SAC

- SAC committee is required by JTRP
- Meets every 6 months
- Members:
 - ◆ Jim Turley
 - ◆ Tom Martin
 - ◆ Bruno Canzian
 - ◆ Gary White
 - ◆ Chuck Scholer



Indiana LTAP - Surveys

- Surveys
 - ◆ Distributed at various LTAP events
 - ◆ Mailed to 35 individuals, including commissioners, City and Town Officials, etc.
 - ◆ Feedback put into database, and incorporated into topic development

Indiana LTAP - Interviews

- Personal Interviews
 - ◆ Sallie Dell Fahey – Tippecanoe Co. Area Plan Commission
 - ◆ Jon Fricker – Purdue University
 - ◆ Eli Samaan – Northeastern Indiana Regional Coordinating Council
 - ◆ Steve Murray – Tippecanoe Co. Surveyor
 - ◆ Bill Williams – Monroe Co. Engineer
 - ◆ Jim Olson – Jeff Co. Engineer
 - ◆ And others...

Indiana LTAP - Questions for you...

- What are your reactions to the topics we plan to cover?
- What are your concerns about each of the topics?
- Which topics do you feel need special attention?
- Any problems, and recommendations for improvement?

Indiana LTAP - Open Discussion

Give us your input!

