Revision of Local Road and Street Manual

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Project Manager: Jim Turley
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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

<table>
<thead>
<tr>
<th>Phase</th>
<th>Task</th>
<th>2000</th>
<th>2001</th>
<th>2002</th>
<th>2003</th>
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<tbody>
<tr>
<td>I</td>
<td>Research</td>
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<td>Topic Development</td>
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<td>Format and Distribution</td>
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<td>Copyright Tasks</td>
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<td>II</td>
<td>Write/Edit four Chapters</td>
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<td>III</td>
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<td>IV</td>
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<td>V</td>
<td>Complete Distribution</td>
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<td>Evaluation Report</td>
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<td>Final Plan for Changes</td>
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<td>Final Evaluation and Close Out meeting</td>
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<td>Submit Final Progress Report</td>
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# Indiana LTAP - Topic Matrix

<table>
<thead>
<tr>
<th>1988</th>
<th>2003</th>
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<tbody>
<tr>
<td>* Local Authority</td>
<td>* Local Authority</td>
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<tr>
<td>* Intergovernmental Relations</td>
<td>* Intergovernmental Relations</td>
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<tr>
<td>* Transportation Planning at the Local Level</td>
<td>* Transportation Planning</td>
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<tr>
<td>* Obtaining Right-of-Way</td>
<td>* Obtaining, Maintaining and Vacating Right-of-Way (Included Dealing with Abandoned Right-of-Way)</td>
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<tr>
<td>* Road Revenues</td>
<td>* Funding Local Transportation System Planning and</td>
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<tr>
<td>* Traffic Control and Management</td>
<td>* The Highway, Road and Street Risk Management Program</td>
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<tr>
<td>* Organizing and Managing the Local Road and Street Effort</td>
<td>* Signage and Traffic Management</td>
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<tr>
<td>* Design and Specifications for Streets and Roads</td>
<td>* Asset Management-(Pavement, Structures, Signs, Signals and Equipment)</td>
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<tr>
<td>* Location, Relocation, Vacation and Railroad Abandonment</td>
<td>* Management of Local Streets and Roads</td>
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<tr>
<td>* Jurisdictional and Functional Classification</td>
<td>* Engineering and Technology-Challenges-bridges, design and specifications, inspection, drainage, signage, construction, snow and ice removal</td>
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<tr>
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<td>* Transportation Efficiency Act-Evolution, Predicting the future, other Special Issues</td>
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<td>* Special Challenges Historically Significant Properties</td>
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</tbody>
</table>
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!