Revision of Local Road and Street Manual

Graduate Assistant: Nicole Woodward
Project Manager: Jim Turley
Faculty Representative: Charles Scholer

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
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I | Research | | | | |
| | Topic Development | | | | |
| | Form and Distribution | | | | |
| | Copyright Tasks | | | | |
II | Write/Edit | | | | |
| | Four Chapters | | | | |
III | Write/Edit | | | | |
| | Four Chapters | | | | |
IV | Write/Edit | | | | |
| | Four Chapters | | | | |
V | Complete Distribution | | | | |
| | Evaluation Report | | | | |
| | Payment Plan for Changes | | | | |
| | Conduct Final Evaluation and Close Out Meeting | | | | |
| | Submit final Progress Report | | | | |

Indiana LTAP - Topic Matrix

| 1988 | 2003
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* Local Authority | * Local Authority
* Intergovernmental Relations | * Intergovernmental Relations
* Transportation Planning at the Local Level | * Transportation Planning
* Obtaining Right-of-Way | * Obtaining, Maintaining and Vacating Right-of-Way (Included Dealing with Abandoned Right-of-Way)
* Road Revenues | * Funding Local Transportation System Planning and
* Traffic Control and Management | * The Highway, Road and Street Risk Management Program
* Organizing and Managing the Local Road and Street Effort | * Signage and Traffic Management
* Design and Specifications for Streets and Roads | * Asset Management-(Pavement, Structures, Signs, Signals and Equipment)
* Location, Relocation, Vacation and Railroad Abandonment | * Management of Local Streets and Roads
* Jurisdictional and Functional Classification | * 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!