

## **Appendix A: Congestion Management Process Update Outline**

- I. Overview**
  - a. Update transportation planning perspectives
  - b. Summarize changes, additions, deletions, and corrections since last update
- II. Introduction**
  - Minor updates as needed
- III. Background**
  - a. Review and update CMP goals and objectives
  - b. Add statutory background material
  - c. Integration of the CMP in the MTP and TIP
- IV. Area of Application**
  - Area of application to remain the same (Louisville (KY-IN) MPA)
- V. System Definition**
  - a. Revised CMP Roadway Network approved by KIPDA TPC in November 2009
    - i. Revised Louisville (KY-IN) FAUA boundary—Indiana portion
    - ii. Revised Indiana functional classification
  - b. Revised Freight Network in progress
- VI. Non-Highway Modes of Travel**
  - a. Discuss effectiveness of non-highway modes of travel to mitigate congestion
  - b. Revised transit network
    - i. TARC
    - ii. Other—HDB, planned Bullitt transit service
  - c. Revised Bicycle & Pedestrian Network (planned)
- VII. Performance Measures**
  - a. Update system level performance section
    - TTI travel time index update
  - b. Update facility level performance section
    - Add local travel time measure
- VIII. Performance Monitoring Plan**
  - a. Review and update data collection activities table
    - Add local travel time data collection element
    - Review and update data needed to identify causes of recurring and non-recurring congestion
  - b. Roadway Traffic Volumes
    - Review and update narrative
      - 1. survey cycles
      - 2. TRIMARC

- 3. critical intersections
- c. Roadway Operational Characteristics and Levels of Service
  - Review and update narrative
    - 1. Thoroughfare Plans
    - 2. Add local travel time measure
- d. Transit Ridership—minor updates as needed
- e. Rideshare and Vanpool Usage—minor updates as needed
- f. Pedestrian Volumes—minor updates as needed
- g. Crash Frequencies and Locations
  - Update crash data
- IX. State of the System**
  - Update, add State of the System reports and maps—2004 to 2009
- X. Identification of Strategies (CMP Toolbox)**
  - a. Streamline strategy narrative
  - b. Update, add strategies—bottleneck management, etc.
  - c. Identify MTP and TIP projects categorized as CMP strategies
- XI. Evaluation of Strategies**
  - Minor updates as needed
- XII. Monitoring of Strategy Effectiveness**
  - a. Add local travel time as measure of effectiveness
  - b. Minor updates as needed
- XIII. Implementation and Management**
  - Minor updates as needed
- XIV. Changes to the CMP Over Time**
  - Review and update narrative
    - i. Local travel time measure
    - ii. Development of other measures
- XV. Appendix A—2003 TTI Performance Measure Summary**
  - Update to most recent TTI data for performance measures, mobility, operations strategies, and delay
- XVI. Appendix B—2003 TTI Annual Report on Freeway Mobility and Reliability**
  - Insert updated *Mobility Monitoring Report*
- XVII. Appendix C—Level of Service Tables**
  - LOS tables to remain the same
- XVIII. Glossary**
  - Add glossary with applicable terms