



# SAFETEA-LU

## Operations, ITS, and Freight Provisions





**2005 FHWA Annual Meeting  
Gaylord Opryland Resort & Convention Center  
Nashville, Tennessee**

***September 15, 2006***

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# Overall Observations

- 
- Significant focus on congestion mitigation, including
    - Congestion management
    - Real-time information
    - ITS
  - Strong recognition of importance of freight investment, albeit with significant earmarking.
  - Continued support for ITS R&D; ITS Deployment mainstreamed.
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# Congestion Management

- Transportation Planning (6001)

- Metropolitan Transportation Planning

- Specific requirement to include “operational and management strategies” in metropolitan transportation plan.
- Renames CMS as Congestion Management Process and includes specific reference to the need to provide for “effective management and operations” and “implementation of operational management strategies.”



- Statewide transportation planning

- Specific requirement to include “capital, operations and management strategies investments, procedures, and other measures to ensure the preservation and most efficient use of the existing system.”
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# Congestion Management



## ■ Tools

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- Continues Value Pricing Program (1604(a))
    - \$59 million in new funding, including \$12 million for projects not involving tolls
  - New Express Lanes Demonstration Projects (1604(b))
    - Focused on managing congestion
    - 15 projects
    - No separate funds
    - DOT to establish interoperability requirement for automatic toll collection
  - HOV Facilities (1121)
    - States permitted to create HOT lanes
    - States can permit low emission/energy efficient vehicles to use HOV lanes
    - Performance monitoring required
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# Congestion Management

## ■ Research

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- Surface Transportation Congestion Relief Solutions (5502)
    - \$3 million over 4 years for training and technical assistance
    - Focus on:
      - Congestion measurement and reporting
      - Effective congestion relief strategies
  - Future Strategic Highway Research Program (5210)
    - \$205 million over 4 years for research
    - Managed by National Academy of Sciences
    - Four focus areas, including:
      - Improving reliability
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# Real-Time Information

- Real-Time Systems Management Information Program (1201)
    - Establish capability in all States to provide real time:
      - Sharing of information
      - Monitoring of traffic conditions
    - Purpose – ease congestion, improve response to severe weather, accidents, and other incidents; and enhanced security
    - Eligible for funding under NHS, STP, and CMAQ
    - Must be part of regional ITS architectures
    - DOT to establish data exchange standards within 2 years
  - 511 Deployment Goal (full deployment by 2010)
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# Real-Time Information


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- Transportation Technology Innovative Demonstration Program (5508)
    - Extension of Intelligent Transportation Infrastructure Program established by TEA-21.
    - Twenty-two new eligible cities.
    - Existing contract with Mobility Technologies will be completed as planned.
    - Must create and compete new program to use uncommitted and any new appropriated funds.
    - Solicitation of interest in program to be released around October 1.
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# ITS




## ■ Deployment Funding

- Mainstreamed throughout Federal-aid program; including high priority projects
  - Eligible under NHS, STP, and CMAQ
  - Categorical NEPA exclusion
  - ITS Deployment funds in 2005 only
  - \$100 million for CVISN deployment
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# ITS

- Research and Development (5301-5310)
    - Program reauthorized and expanded
    - \$550 million over 5 years
      - Road weather - \$20 million (5308)
      - I-95 Corridor - \$35 million (5211)
      - Rural and Interstate Corridor Communications Study - \$3 million (5507)
    - New advisory committee required
    - New program plan required
    - Legislation silent on ITS JPO
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# Freight Programs

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- Intermodal Distribution Pilot Grants (1306)
    - Provides funding to address infrastructure and freight distribution needs at inland ports and intermodal freight facilities
    - \$30 million all earmarked
  - Truck Parking Facilities (1305)
    - Pilot program to address CMV long-term parking shortage on NHS
    - Includes construction of new facilities, modifying existing facilities, ITS
    - \$25 million discretionary funds
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# Freight Programs

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- National Corridor Infrastructure Improvement Program (1302)
    - Funds construction of highway projects in corridors of national significance.
    - Focus on international and interregional trade.
    - \$1.9 billion all earmarked.
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# Freight-related Programs

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- Projects of National and Regional Significance (1301)
  - Coordinated Border Infrastructure Program (1303)
  - Transportation Improvements (1934)
  - High Priority Projects (1701)
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# Freight Financing

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- Transportation Infrastructure Finance and Innovation Act (TIFIA) (1601)
  - Tax-exempt Financing of Highway Projects and Rail Truck Transfer Facilities (Private Activity Bonds) (11-1143)
  - Capital Grants for Rail Line Relocation Projects (9002)
  - Rail Rehabilitation and Improvement Financing (9003)
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# Freight Research and Training

- National Cooperative Freight Transportation Research Program (5209)
    - \$15 million over 4 years
    - Administered by the National Academy of Sciences
    - Broad advisory committee
    - Broad research agenda
  - Freight Planning Capacity Building Program (5204h)
    - \$3.5 million over 4 years
    - Goals:
      - Target investments
      - Strengthen decisionmaking capacity
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# Implications of SAFETEA-LU on Operations, ITS, and Freight

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- More \$
  - Increases focus on congestion relief
  - Creates opportunities
    - Managed lanes
    - Real-time information
    - Interoperability
  - Maintains strong ITS R&D program
  - Significantly expands attention to freight needs
  - Funds congestion-related RD&T; but not day-to-day operations RD&T (e.g., MUTCD)
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