

Item #5

MOITS 03/13/07

# TPB Safety Planning under SAFETEA-LU Program Update

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COG/TPB Staff

# Context: Federal, State, & Regional

- **SAFETEA-LU Final Rule for Safety Element of the CLRP**
  - Should “Incorporate or Summarize” the priorities, goals, countermeasures, or projects for the MPA contained in the State Strategic Highway Safety Plan
- **State Strategic Highway Safety Plans**
  - Recently adopted in MD, VA, under development in DC
  - Draft DC Plan will be available by end of March
- **WMATA Pedestrian & Bicycle Strategic Plan**
  - Addresses Safety
  - Draft available by end of March

# Current COG/TPB Activities

- Participate in State & WMATA Safety Planning
- Contact key Safety Stakeholders
  - Gather data from Maryland Office of Highway Safety, Virginia DMV, DDOT
  - 2006 data will be available soon
- Street Smart Pedestrian & Bicycle Safety Campaign 3/18/07 – 4/14/07

# Data Compilation & Analysis

- States provide jurisdiction-level crash data, derived from Police Reports
- MHSO Data includes, by County, 1996-2005:
  - Fatal crashes, Injury Crashes, Fatalities, Injuries, Total Crashes, Driver & Passenger Fatalities
  - VMT, Population, Licensed Drivers, Registered Vehicles
  - Distribution of Fatal and Total Crashes by Month, Day of Week, Time of Day, Route Type, Driver Age
  - Alcohol-related crashes
  - Fatalities with Safety Equipment used
  - Pedestrian Fatalities and Pedestrian-Involved Collisions
  - Vehicle Type – Total and Fatal Crashes involving large truck, and motorcycle
  - Weather and lighting
  - Intersection, fixed object, work zone & run off the road crashes and fatalities
  - Violation-related crashes & fatalities – Aggressive Driving, Speeding & Red-Light Running
- DDOT
  - Access Database of Police Reports, One file per year, 1998-2005
  - Will take some time to extract data
- Virginia DMV
  - Still processing request for data
- Lowest common denominator for Regional Data

# Timelines & Committee Structure

- Tasks & Schedule
  - Data Compilation & Analysis – March - April
  - Develop Recommendations
    - Incorporate/Summarize State SHSP Goals (March-April)
    - Use data to ID areas of special concern for the Washington MPA (April)
    - Meet with Agency Staff (April)
    - Meet with Safety stakeholders group to discuss proposed regional goals (May)
    - Safety Element by September 2007
- Report to TPB Tech
  - Possible future subcommittee

# Possible follow-on Actions

(after July 2007)

- Regional GIS database showing crash types/locations
- Requested by WMATA, other Stakeholders
  - GIS data showing crash locations could assist bus stop & rail station area safety planning
  - Helps ID hot spots, prioritize safety improvements
  - Some jurisdictions have GIS data on crash locations
    - DDOT hired an intern to input data from paper police reports
- Need to Determine Availability of Location-Based GIS Crash Data in various Jurisdictions