

TRB Research Programs for Environment and Planning

TRB Annual Meeting
Washington, D.C.
January 22, 2006

NCHRP Research Programs

■ Planning Topics

- NCHRP "8" Series
- 8-36 – Research for AASHTO Standing Committee on Planning (SCOP)

■ Environmental Topics

- NCHRP "25" Series
- 25-25 – Research for AASHTO Standing Committee on Environment (SCOE)

Planning Research

- Recent Products

- Consideration of Environmental Factors in Transportation Systems Planning (NCHRP Report 541, 2005)



- Effective Methods for Environmental Justice Assessment (NCHRP Report 532, 2004)

- Use of Expert Panels in Analyzing Transportation and Land Use Alternatives (NCHRP 8-36, Task 4, April 2002)

Planning Research

- In Progress

- Guidance for Better Linking Systems Planning and the NEPA Process (NCHRP 8-36, Task 48)
- Multi-State Corridor Planning (NCHRP 8-36, Task 45)
- Forecasting the Impacts of Pricing on Travel and Congestion (NCHRP 8-57)
- Development of Statewide Corridor Planning Guidebook (NCHRP 8-58)



Environmental Research

- Recent Products

- Approach to and Use of FHWA-Approved Programmatic Agreements (Project 25-25, Task 13)
- Design-Build Environmental Compliance Process and Level of Detail Required (Project 25-25, Task 12)
- Report on the Environmental Streamlining Pilot Projects (Project 25-24)
- Environmental Stewardship Best Practices for Road Construction and Maintenance (Project 25-25, Task 4)

Environmental Research

- In Progress
 - Alternative Mitigation Strategies/Early Mitigation (Project 25-25, Task 10)
 - Secondary/Indirect and Cumulative Effects Analysis (Project 25-25, Task 11)
 - Land Use Forecasting for Indirect Impacts Analysis (Project 25-25, Task 18)
 - Communicating Air Toxics Issues in NEPA Documents (Project 25-25, Task 22)
 - Greenhouse Gas Analysis Techniques (Project 25-23)

For More Information

- TRB web site for NCHRP program:
<http://www.trb.org/nchrp>
- Includes:
 - Research projects (completed and pending)
 - Links to research reports