Disclaimer

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SHRP 2

- Short-term, strategic research in four Focus Areas to achieve major advances
- Operates from 2006 to 2013
- Managed by Transportation Research Board, a unit of the National Academy of Sciences
- Funded through a Collaborative Agreement with the Federal Highway Administration
FOUR FOCUS AREAS

- Safety ($51M)
  - Safe Highways
- Capacity ($21M)
  - Better Transport Decisions
- Renewal ($34M)
  - Rapid Renewal and Lasting Facilities
- Reliability ($20M)
  - Reliable Travel Time
  - Great Customer Service
Addressing Traffic Congestion

• The SHRP 2 Reliability and Capacity focus areas were planned to address different aspects of the traffic congestion issue
• They might be thought of as two sides of a coin
Reliability Research
Tackles *nonrecurring* congestion resulting from incidents, weather, work zones, special events, etc.

CONGESTION

Capacity Research
Tackles *recurring* congestion from inadequate base capacity
Some Key SHRP 2 Reliability Research Projects

L06 Institutional Architectures

L17 Reliability Framework

L11 Operating Strategies

L02 Monitoring Programs

L05 Performance Measures, Planning Programming

L03 Analytical procedures
Valuing Travel Time Reliability

- Project L11: Evaluating Alternative Operations Strategies
- Project L14: Effectiveness of Different Approaches to Disseminating Traveler Information on Travel Time Reliability

COST-BENEFIT ANALYSIS