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Fourteenth Annual Freight & Logistics Symposium
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Sustainability: Does It Make Cents?
Transportation Sustainability Umbrella

- Carbon management
- Environmental excellence
- Smart growth
- Green highways
- Complete streets
- Livable communities
- Context-sensitive design
- Climate change mitigation
- Job growth
- Social equity
- Asset preservation

- Supply chain resiliency
- Corporate social responsibility
- Transparency
- Sustainable logistics
- Fuel efficiency
- Energy efficiency
- Quality of life
- Equal access
- Competitive options
- Safety/security
- Conflict mediation
- Public private partnerships
- Traceability
MnDOT Policy Statement

Sustainable transportation practices respect, support and (where possible) regenerate environmental systems, the economy and society over many generations. This requires balancing three components:
To ensure the sustainability of the transportation system and the communities it serves, Mn/DOT will:

- Use all resources wisely
- Consider the needs of future generations
- Evaluate a wide range of risks
- Protect and enhance the environment
- Conserve energy and natural resources
- Involve the public in the transportation planning process
- Improve quality of life
- Encourage innovative approaches to the design, operation and maintenance of our facilities.
The State Smart Transportation Initiative works with state and local policymakers to promote “smart transportation” (ST) practices that advance environmental sustainability and equitable economic development, while maintaining high standards of governmental efficiency and transparency.

http://www.ssti.us/
What is a sustainable highway?

• Satisfies functional requirements
  - Fulfills transportation goals and needs (e.g. congestion reduction)
  - Addresses development and economic growth

• Reduces impacts
  - Environment
  - Consumption of resources

• Addresses environmental, economic, and social equity dimensions (triple bottom line)

• Addresses sustainability from planning through operations

Federal Highway Administration Sustainable Highway Program

www.sustainablehighways.org
U.S. Proposes Fuel, Carbon Goals

First-Ever Commercial Vehicle Plan Draws Industry Praise

By Sean McNally
Senior Reporter

The Obama administration last week proposed the first-ever regulations to set commercial truck fuel-efficiency and carbon-emission standards.

The proposal would cut emissions from large trucks by 7% to 20% by 2017 depending on the size and age of the truck and the way it is used, a departure from passenger automobile fuel-economy regulations.

The proposal was praised last week by a disparate collection of officials that included the trucking industry, truck manufacturers and environmentalists.

Source: Transport Topics, November 1, 2010
Thank You

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"Of course it's sustainable! Can't you see the wind turbine?"