

**NHDOT Commissioner
George Campbell**

presentation to

NH Climate Change Collaborative

Progress & Opportunities

January 14, 2010

NHDOT Purpose

Purpose:

Transportation excellence in New Hampshire is fundamental to the state's sustainable economic development and land use, enhancing the environment, and preserving the unique character and quality of life. The Department will provide safe and secure mobility and travel options for all of the state's residents, visitors, and goods movement, through a transportation system and services that are well maintained, efficient, reliable, and provide seamless interstate and intrastate connectivity.

Transportation GHG Initiative Categories

**Overarching Strategy 3,
“Support regional and national actions to
reduce greenhouse gas emissions”**

Fuels & vehicles

**Overarching Strategy 4,
“Reduce vehicle emissions through state actions”**

Emissions reduction & improved traffic flow

Overarching Strategy 5, “Encourage appropriate **land use”**

**Overarching Strategy 6, “Reduce VMT through multi-modal
transportation system”**

Alternative modes of transportation

Fuels & Vehicles

Progress

- Use Bio Fuels, B20
- Ultra low sulfur Diesel
- 2009 CAFÉ Standards
- Alt fuel vehicles
- Vehicle idling policy



Opportunities

- Expand the use of cleaner fuels
- Develop and Expand alt fuel dispensing sites

Emissions Reduction



Opportunities

- **Expand the availability of alternative fuel sites.**
- **Install black carbon retrofits**
- **New Construction technologies**
 - *Warm pavements*
 - *RAP, Reclaimed Asphalt Pavements*

Improving Traffic Flow

Progress

- Open Road tolling projects
Hampton, Hooksett
- Traffic Signal optimization



Opportunities

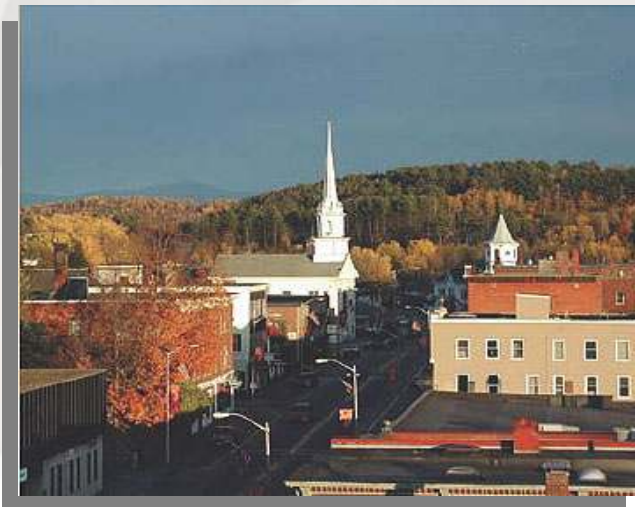
- Continued use of Roundabouts
- Implementation of ITS
- Vehicle Infrastructure Integration, “Intelladrive”
- Future, Congestion Pricing



Land Use

Progress

- CTAP Program
- Context Sensitive solutions, CSS



Opportunities

- Transit Oriented Development
- Update of DOT Long Range Plan



Transit



Progress

- *I-93 commuter bus service*
- *Nashua-Boston commuter service*
- *C&J service expansion to north end of Dover*
- *C&J service to complement Downeaster*
- *CMAQ-funded local transit expansions: Nashua, Manchester, Advance Transit*
- *Intercity bus service to Berlin, Littleton expanded with second round trip*
- *ARRA: 43 new buses and vans (cleaner transit buses on the road)*
- *ARRA: Advance Transit facility expansion & LEED certification*

Opportunities

- *Increased Transit Service, Dover, Durham, Portsmouth*
- *Intercity Bus Service, Manchester-Portsmouth, (East / West bus service)*
- *State Coordinating Council (SCC) for Community Transportation establishment, DOT funding for state mobility manager*



NH Rail Initiatives

Goal: Implement passenger rail in NH.



Progress

- Down Easter
- NH Rail Transit Authority formed 2007
- Liability cap enacted - \$75 million – RSA 238-A:18, passed in 2008
- Authority and DOT in partnership



Opportunities

- NH Capitol Corridor ARRA application
- Rail improvements on St. Lawrence & Atlantic RR (welded rail)
- Plaistow rail station & service
- Maintain and expand freight rail service
- Stronger protection of rail corridors for future rail: staff and resources, clear policy
- Install retrofits to address black carbon emissions
- Assist with locomotive retrofits

Ride Share



Progress

- **Completion of New or expanded rideshare lots & bus terminals, in Salem, Londonderry, Dover & New London**

Opportunities

- **Proposed Rideshare lots in Lee & Rochester**
- **Expanded rideshare planned through 3-state program**
- **Promotion of Transportation options**



Bikes/Pedestrians

Program shoulder improvements on priority highways



Promote local and regional bike-ped infrastructure improvements

Complete Streets policy



Challenges

Future funding for the transportation system

Providing greater transportation choices and availability to all levels of society

Better coordination of transportation with Land Use

