

Understanding and Getting Beyond the NH 10 Year Transportation Plan

2011 Spring Planning Conference

Presenters

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What is it?

“The plan is intended to serve as the guideline for transportation projects in the state for the next 10 years”

NH RSA 240:1

Who is involved?

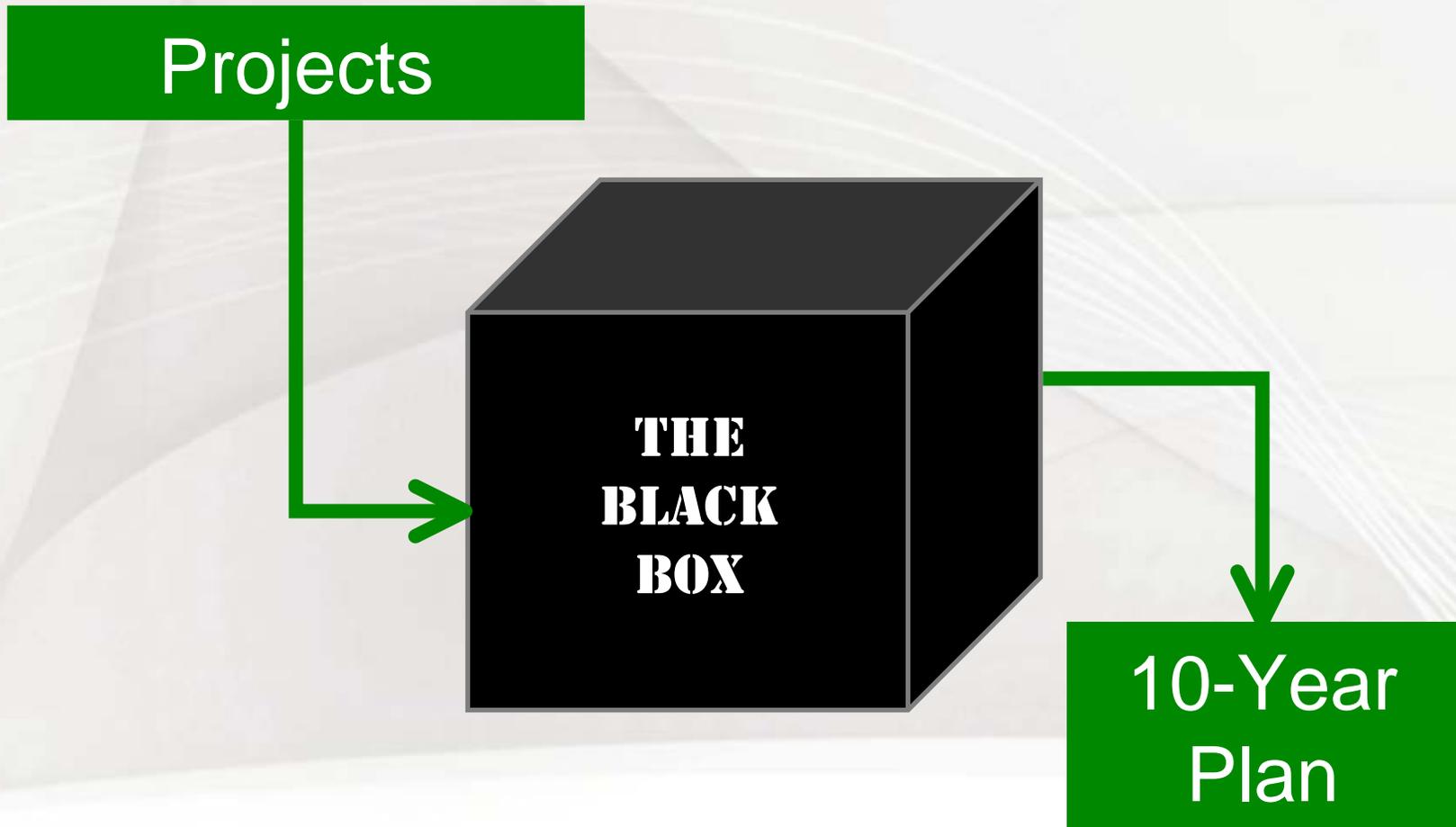


...who isn't?

Who is involved?

- Public
- Municipal Officials
- Planning Commissions
- Transit Agencies
- NHDOT
- GACIT
- Governor
- Legislature
- Special Interests
- Rail & Air Entities

Where do the projects come from?



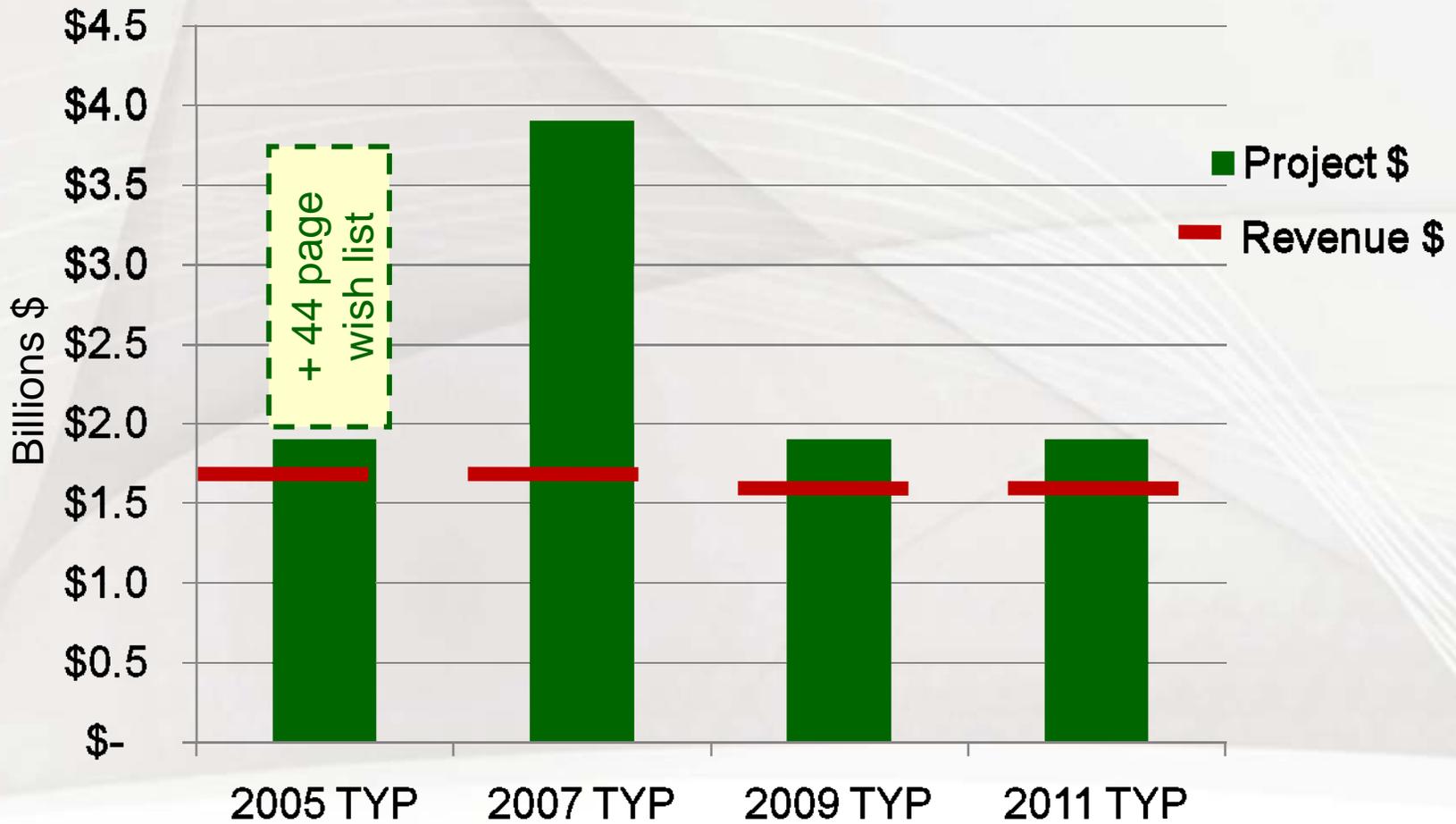
The old days...

Can we add a project to fix
[insert problem here]?

Yes Yes Yes Yes
Yes Yes Yes Yes Yes Yes Yes Yes

Do we have resources for all this?

TYP: Snapshot of Costs



The Last Three Updates: A Regional Perspective

Nashua Region has not recommended any new projects for the Ten Year Plan.

NRPC's Approach:

- Understand and accept the fiscal reality
- Review the transportation needs of the region
- Prioritize existing projects
- Take another look at the problem
 - Circumferential Highway = East West Connectivity

Hudson - Nashua: East-West Connectivity

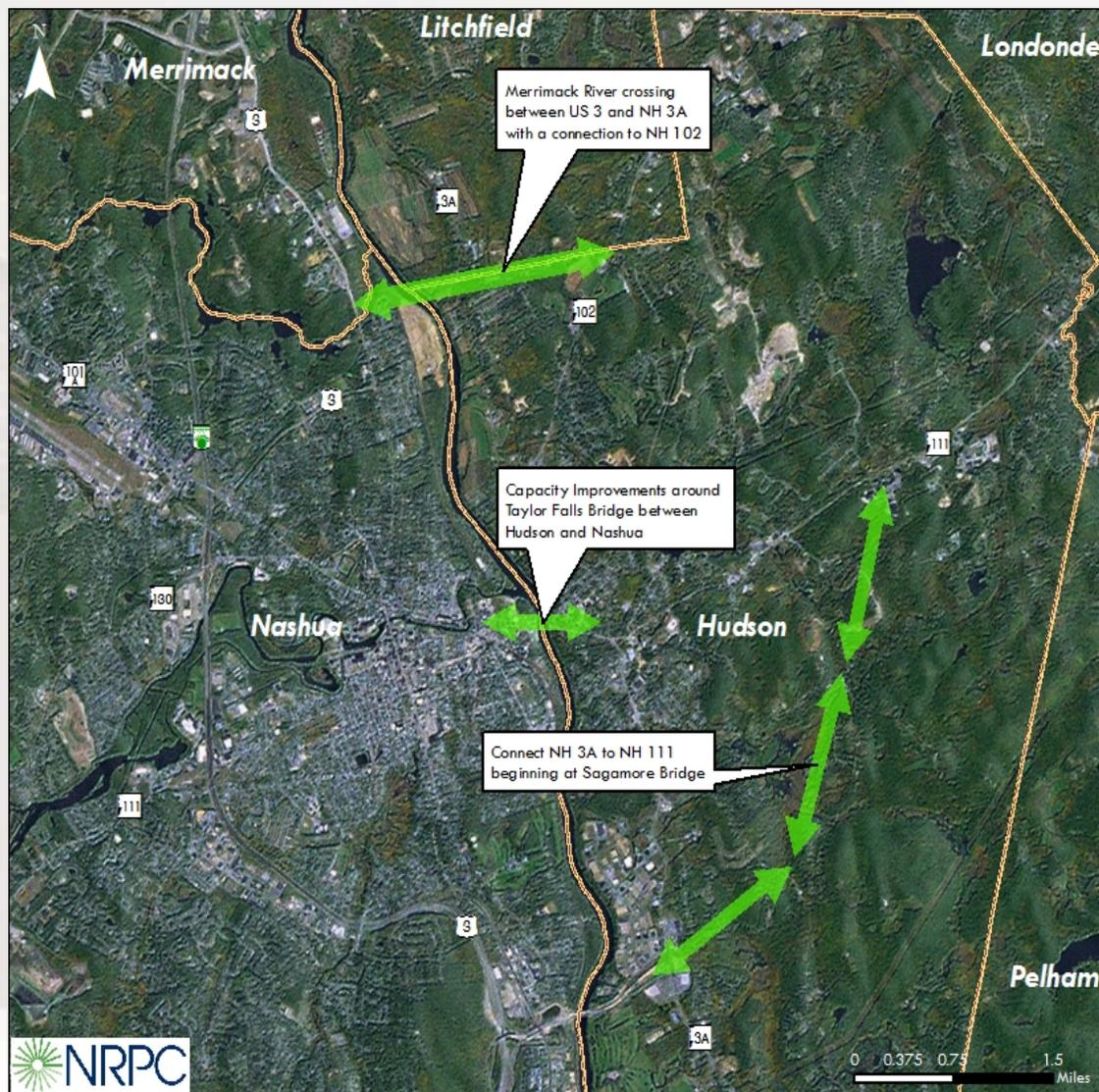
Project History:

- East west travel across the Merrimack River has been under discussion and study for 50 years.
 - 1st item of 1st meeting of NRPC developing a crossing of the Merrimack River
- The Circumferential Highway project:
 - Undergone extensive study and permitting through the regulatory process
 - Carried through several revisions of the Ten Year Plan
 - 2003 - 2012 Plan included \$124 Million in turnpike funds for the project
 - Removed from the Ten Year Plan in the 2007 update

Hudson - Nashua: East-West Connectivity

The need for the project remains

- Develop a Merrimack River crossing between Route 3 and NH 102 in Hudson.
- Connect NH 3A beginning at the Sagamore Bridge in Hudson to NH 111
- Develop capacity improvements around Taylor Falls Bridge between Hudson and Nashua



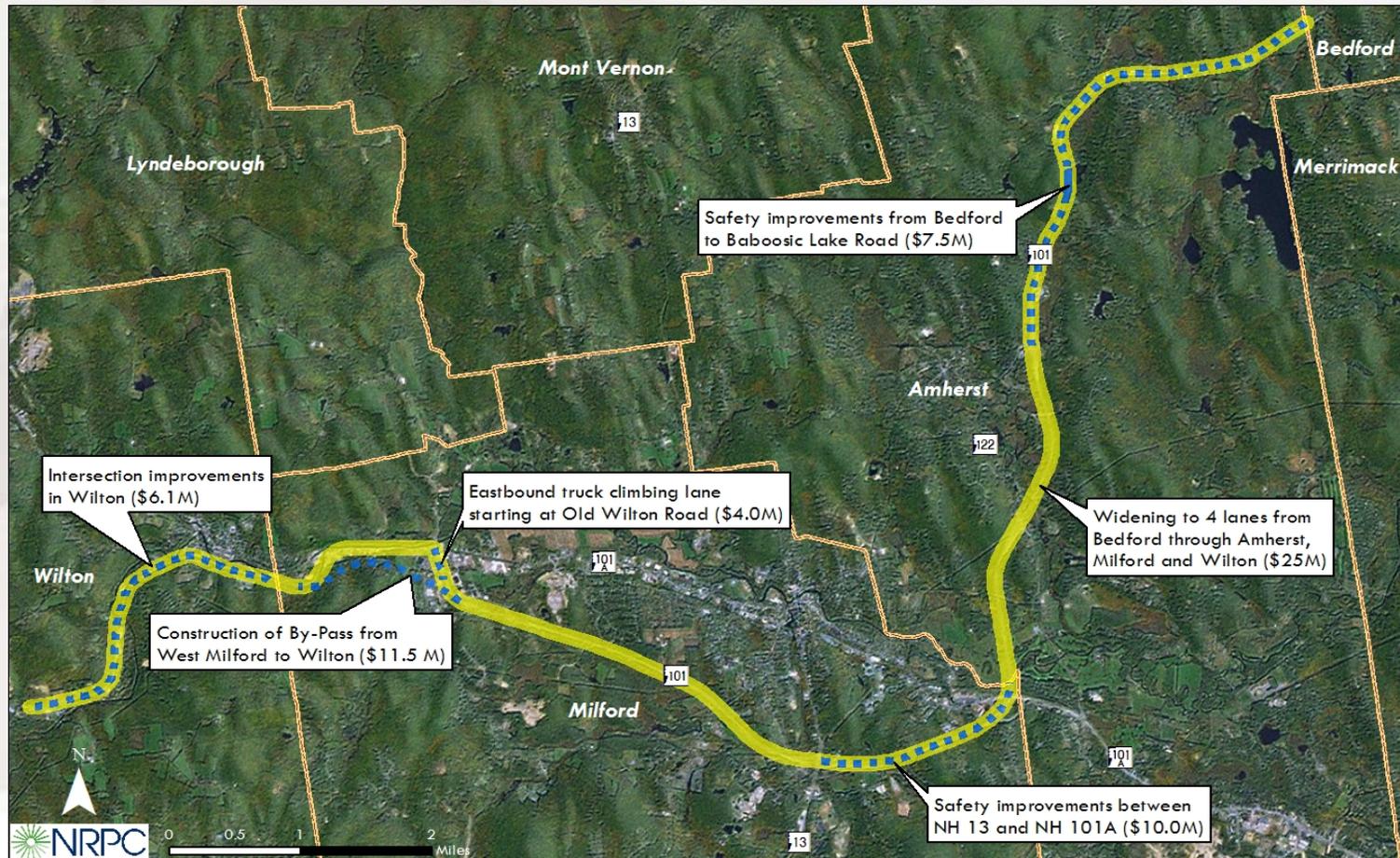
The Last Three Updates: A Regional Perspective

Recognize the fiscal reality:

- Work with communities to understand revenue shortfalls
- Work with communities and NHDOT to re-scope projects
- Take another look at the problem
 - NH 101 Safety improvements

Wilton - Milford - Amherst: NH 101 Corridor Improvements

Project Scope: Safety improvements at various locations along the NH 101 Corridor from Wilton to Wallace Road in Bedford as determined by the 2002 NH 101 Corridor Study. (DOT Project # 13692)



Wilton - Milford - Amherst: NH 101 Corridor Improvements

Ten Year Plan	Funding (Millions)	Construction Year(s)	Comments
2001- 2010	\$3.00	2009	Prior to Corridor Study
2003- 2012	\$2.92	2010	Prior to Corridor Study
2005- 2014	\$2.92	2013	RPC recommended increase in project cost (per Corridor Study); \$41.6M in Plan under "Future Considerations"
2007- 2016	\$53.7	2013 (\$3M) 2016 (\$49.5M)	Funding increased per Corridor Study recommendations
2009- 2018	\$10.43	2013 (\$3M) 2018 (\$7M)	Scope reduction, major corridor improvements deferred beyond TYP, interim safety improvements remain, RPC recommendations for phasing
2011 - 2020	\$10.32	2013 (\$3M) 2020 (\$7M)	Interim safety improvements

Upcoming TYP (2013-2022)

- No new revenue
- No state match



- New projects unlikely

Upcoming TYP (2013-2022)

- GACIT on July 14, 2011
- Draft TYP in August
- Hearings: late summer to early fall
- Governor, Dec-Jan
- Legislature, Jan-Jun

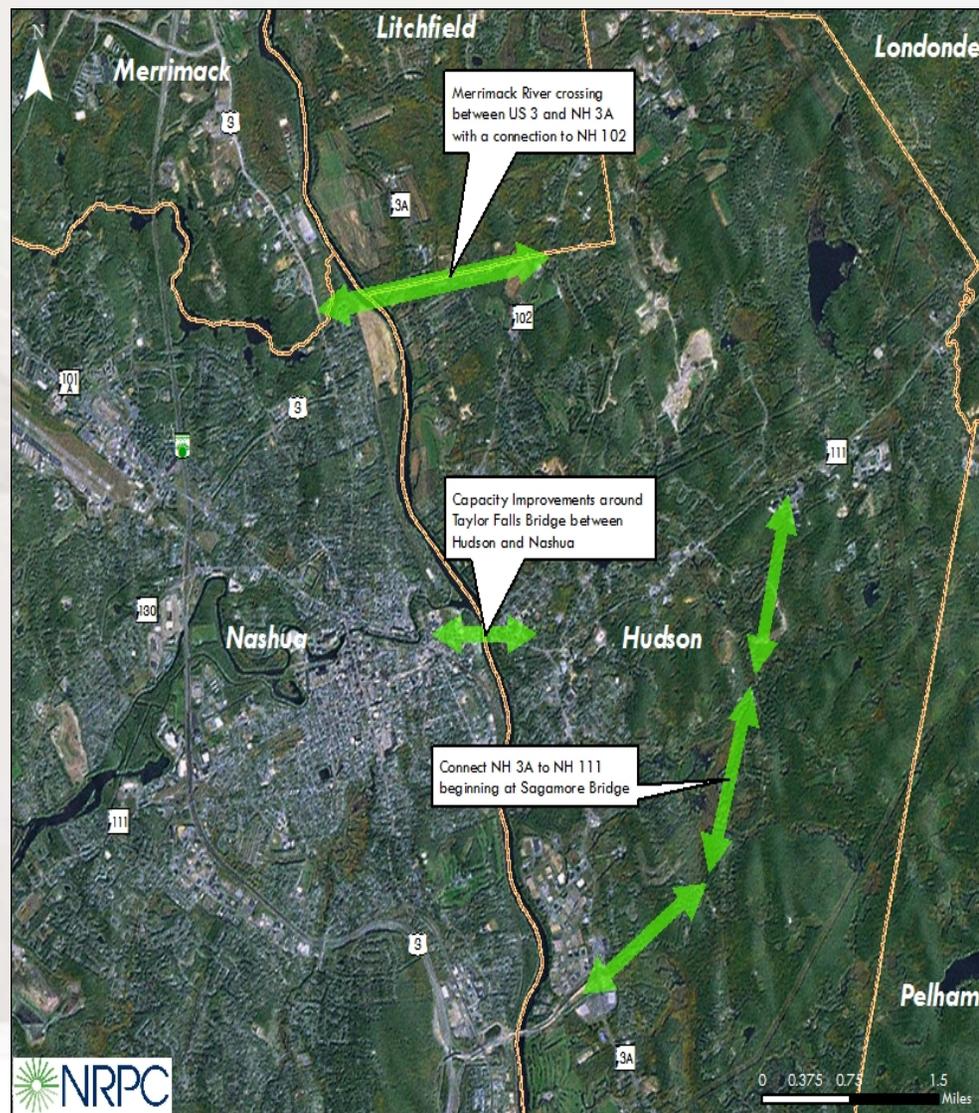
When you are broke all you can do is plan

Alternative Funding Options:

- Block Grant Aid
- Impact Fees
- Developer Agreements
- Tax Increment Finance Districts
- Municipal Bonds
- Public Private Partnership

Hudson - Nashua: East-West Connectivity

- Third Crossing of the Merrimack River:
 - Public Private Partnership
- Capacity improvements around Taylor Falls Bridge:
 - Developer Agreements
- Connect NH 3A from the Sagamore Bridge to NH 111
 - Impact fees



If you must use the Ten Year Plan Process

- Work with RPC to develop projects
- Get the project listed in the Long Range Transportation Plan
- Develop the project
- Seek additional funds through private sources
- Be patient

What do we do in the meantime?

We have opportunity – albeit limited - to Plan.

- Project Planning funds:
 - Corridor Planning funds in TYP **now**
 - Statewide Planning & Research (SPR) funds
 - Your friendly neighborhood RPC's UPWP

What do we do in the meantime?

NHDOT also provides around **\$100M** biennially for municipal project implementation.

- From Fed sources:
 - Transportation Enhancement (TE)
 - Congestion Mitigation and Air Quality (CMAQ)
 - Safe Routes to School (SRTS)
 - STP-Urban
 - Highway Safety Improvement

What do we do in the meantime?

- From state sources:
 - State Aid Bridge (SAB)
 - State Aid Highway (SAH)
 - Block Grant Aid (BGA)

Transportation Enhancement (TE)

- Funds for projects that enhance transportation infrastructure
- \$3.2 million/year federal
- 80% federal, 20% local match
- Types of projects:
 - Sidewalks and bicycle paths (alternative transportation)
 - Historic preservation, transportation resources
 - Scenic beautification
 - Environmental mitigation

Transportation Enhancement (TE)

- Biennial application process
- Application process starts early 2012 for new projects
 - Plan ahead
- Three part project selection process
- Projects are municipal-managed

Congestion Mitigation and Air Quality (CMAQ)

- Funding focus on improving air quality and congestion reduction
- \$8.0 million/year federal
- 80% federal, 20% local
- Projects in/impact area of air quality non-attainment

Congestion Mitigation and Air Quality (CMAQ)

Typical projects:

- Park-and-ride lots
- Transit service start-ups
- Intersection improvements
- Alternative fuel vehicles/infrastructure
- Intelligent Transportation Systems
- infrastructure

Congestion Mitigation and Air Quality (CMAQ)

- Biennial application process
- Application process for new projects starts later in 2012
- Three part project selection process

Safe Routes to School (SRTS)

- Funds for projects that encourages walking and bicycling safely to elementary schools from home
- \$1.0 million/year for 5 years
- 100% federal
- Typical projects
 - Infrastructure projects: sidewalks, traffic calming
 - Non-infrastructure: events to raise awareness, bike rodeos, walk to school days
- Application process, annual
- Safe Routes to School Advisory Committee, RPC's & NHDOT select projects

Safe Routes to School (SRTS)

- 5 E's foundation of SRTS
 - Engineering
 - Education
 - Enforcement
 - Encouragement
 - Evaluation
- Municipal-managed projects

State Aid Highway (SAH)

Funding for reconstruction of Class I, II, and III (all state-owned) highways (RSA 235:10 to 235:20)

- Projects are funded 2/3 State funds and 1/3 local match
 - State provides \$1.7 million/year for 2/3
 - With 1/3 match of \$0.85 million
 - Total program is \$2.5 million/year for whole state
- Projects are municipal-managed

State Aid Highway (SAH)

How to get a project:

- Coordinate with Bureau of Planning and Community Assistance and Highway Maintenance District
- Agree on scope and cost of project
- Submit an Application for Construction
 - Town must appropriate matching funds to submit application

State Aid Highway (SAH)

- Typical projects:
 - Intersection improvements at town road and state highway
 - Unnumbered state routes
 - » Towns do winter maintenance
 - » NHDOT does summer maintenance
 - » Lower priority to NHDOT

State Aid Highway (SAH)

Program quirks:

- Projects capped at \$1,050,000. Total
 - State $2/3$ = \$700,000
 - Local $1/3$ = \$350,000
- Funds may be appropriated over multiple years
- Unnumbered state routes re-classified to Class V (town road) when complete

State Aid Highway Reimbursement

- NHDOT reimburses:
- 2/3 of design costs when design complete & approved to bid
- half of 2/3 for construction with notice of award
- half of 2/3 construction when construction complete and accepted.
- Now accepting applications for 2019-2020

Municipal Bridge Aid

- State Bridge Aid Program
 - 80% State funds, 20% local funds
 - Currently \$6.8 million/year State funds
 - Total \$8.2 million/year with \$1.4 million/year local match
 - Municipal-managed projects
 - Average project about \$800,000+.
 - 10-12 projects/year