

CT's Bold Vision for its Transportation Future

*Rhode Island
Moving Forward*

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LET'S GO CT!

Connecticut's

Bold Vision for a Transportation Future

Let's Go CT!

30-year Strategic Plan

for guiding **\$100 billion**
in transportation investments

- to **restore aging CT's infrastructure**
- **achieve CT's *vision*** for a better transportation future

Major change in agency goals:

- livable sustainable communities
- economic growth



Vision & Plan based on
18-month strategic planning process:

Extensive Outreach

- nearly 100 public & stakeholder meetings
- interactive internet site (MindMixer)
- survey of 1,500 residents

most useful:

- small stakeholder groups
 - **most in-depth** discussions of issues
- survey of residents: **least biased** method

Technical Assessment

- thorough **technical analysis** of transportation infrastructure condition & investment needs.
- developed **cost estimate** to restore & maintain roads, bridges, rail, bus over 30 years.



Vision & Plan based on 18-month planning process:



Extensive Outreach

Technical Assessment



Vision & Strategy

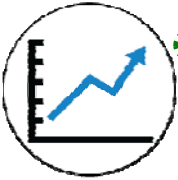
built on these 2 foundations

- **grounded** in technical assessment
- **guided** by broader vision.

Vision

- **Infrastructure.** Transportation infrastructure is in a state of good repair.

- **Safety.** Travel is safe & high safety standards are sustained on all modes.



- **Economic Growth.** Economy is strengthened by an improved multimodal system allows businesses & people thrive.

- **Congestion** is managed.

- **Mobility.** Provide choices & mobility for people & goods

- **Environment.** Natural environment is protected & energy is conserved.



- **Livable Communities.** Community centers are transformed into livable communities that provide opportunities for walking & bicycling & are enhanced by accessible transportation systems.

Vision



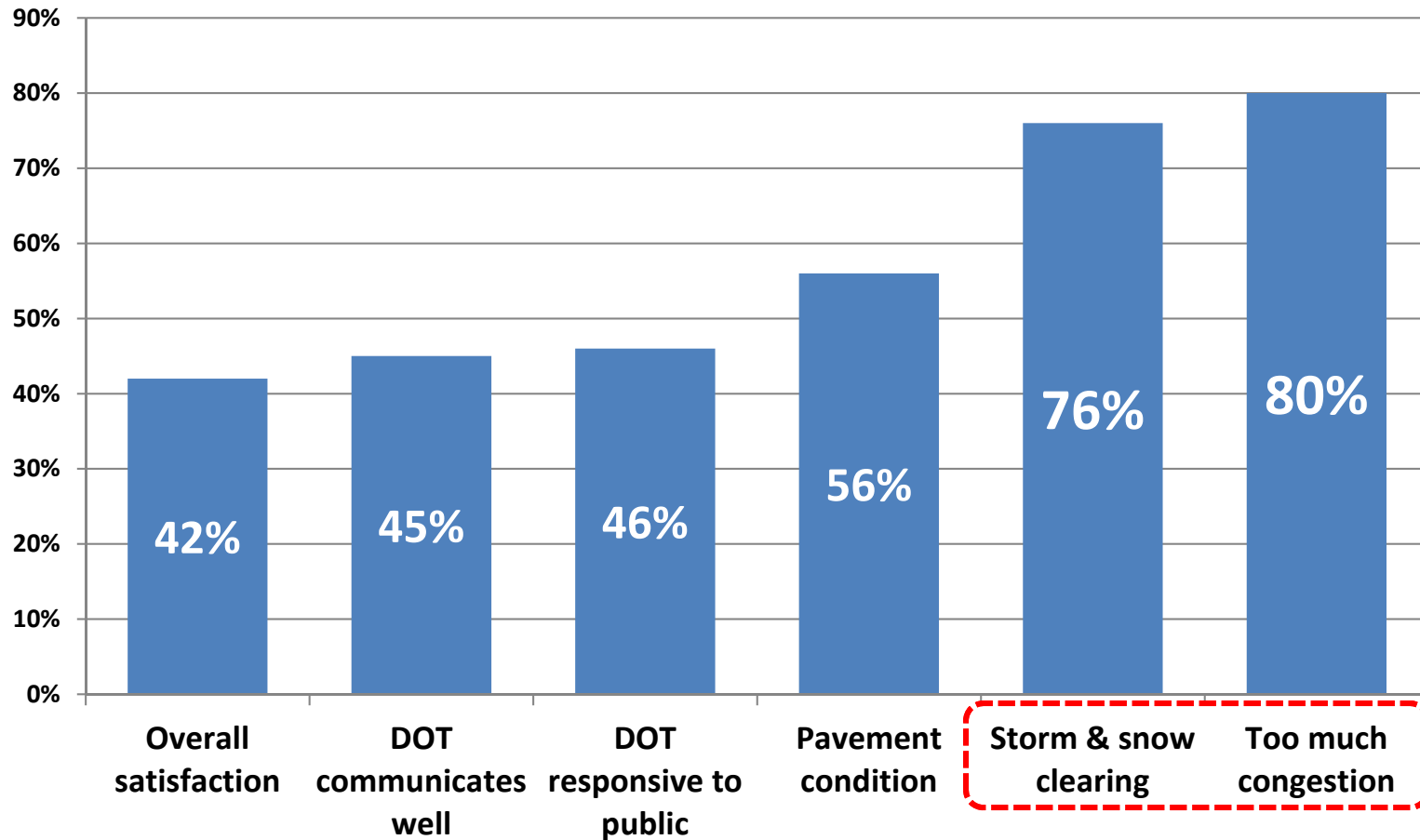
Program Delivery *Goals for CT DOT*

- Deliver projects & services **faster**, & more **cost-effectively**.
 - Develop alternative delivery methods: Design-Build, DBOM, PPP, ...
- Improve **communications & responsiveness** with system users, residents & businesses.
- Develop **reliable revenue sources** for transportation.

What we learned from our outreach

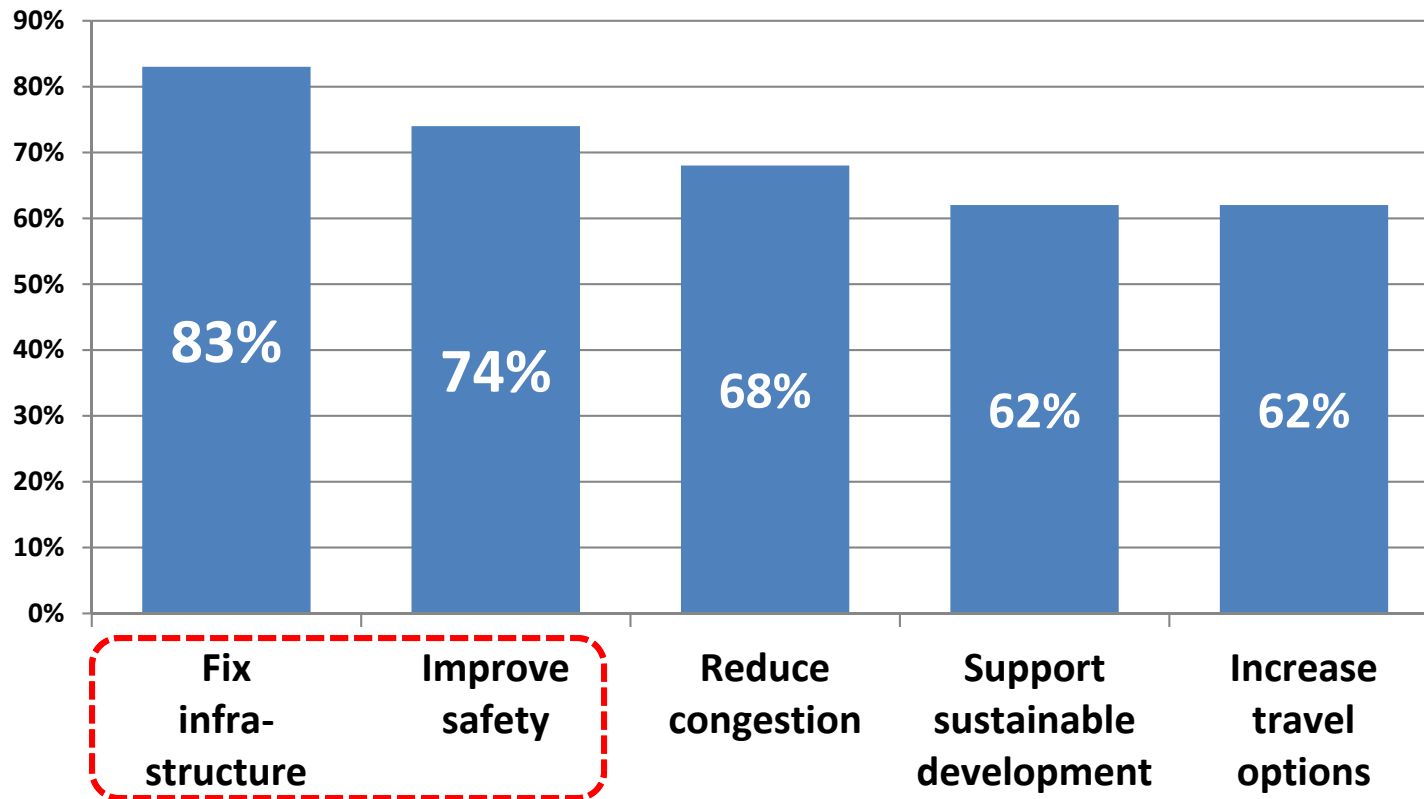
Survey of 1,500 CT Residents

Level of satisfaction with transportation system & CT DOT



Survey of 1,500 CT Residents

% of residents that would support certain types of investments



Where We Are Today

Existing Conditions

Condition of our Infrastructure

Condition forecasts:

- We cannot sustain even existing conditions

Already showing impacts of underinvestment

Bridges.

- 10% of CT's bridges are rated poor.

Roadways.

- 41% of all state & local roads are in “poor” condition.

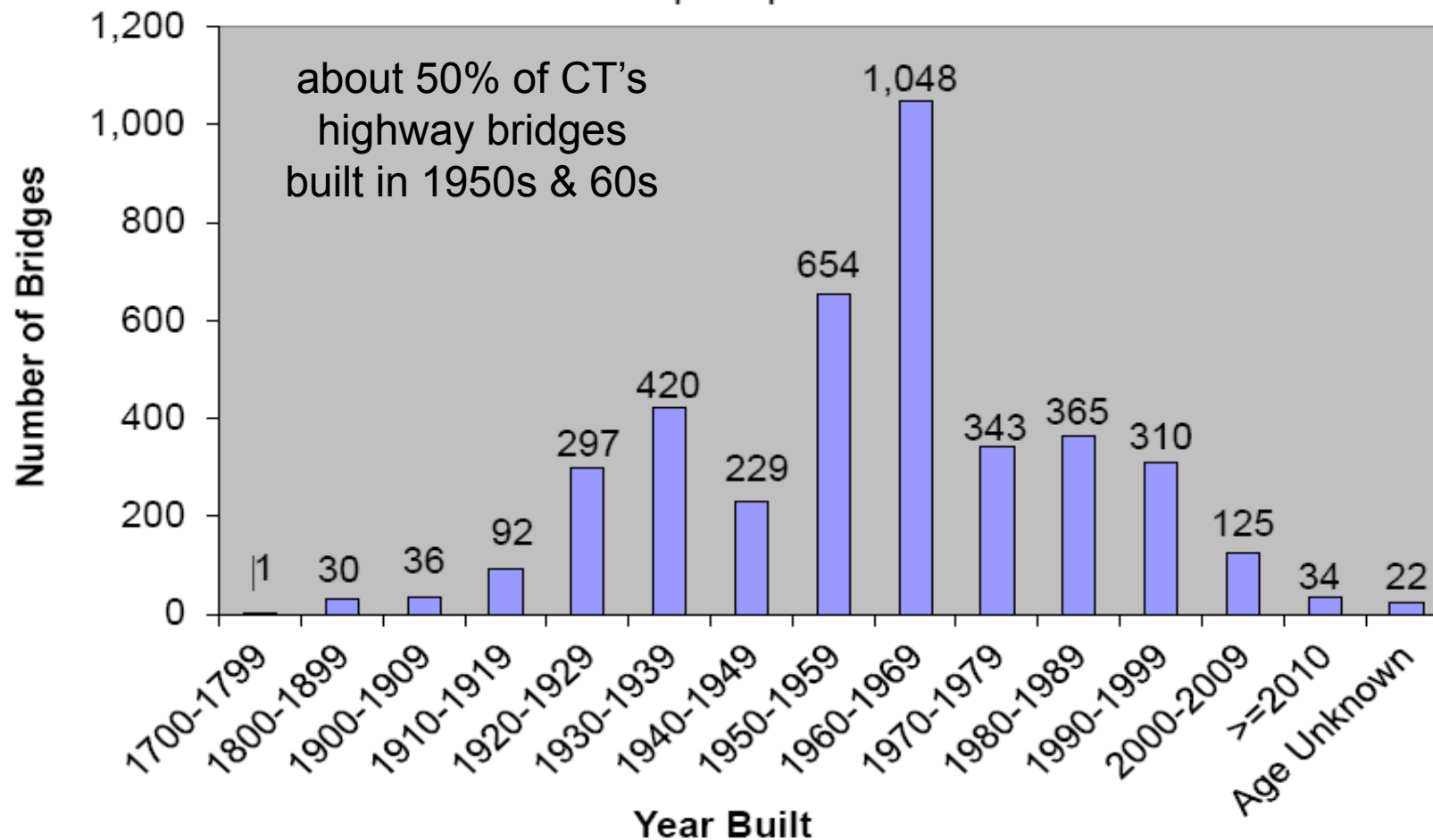
Rail.

- **100-year old bridges.** Four movable bridges on nation's busiest commuter rail line are over 100 years old

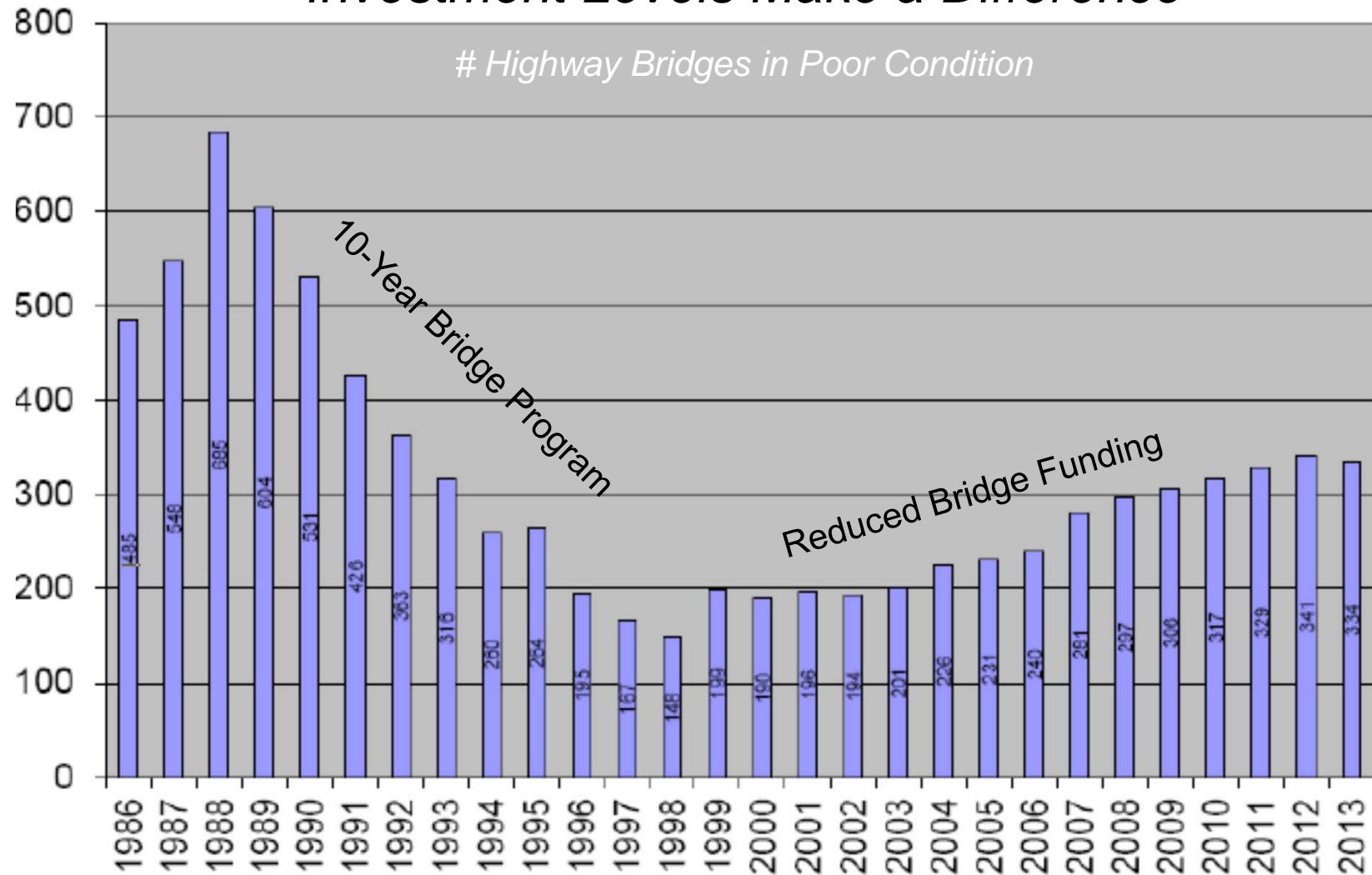
Connecticut's Aging Infrastructure

(State Maintained)

Updated per 2013 NBI



Investment Levels Make a Difference



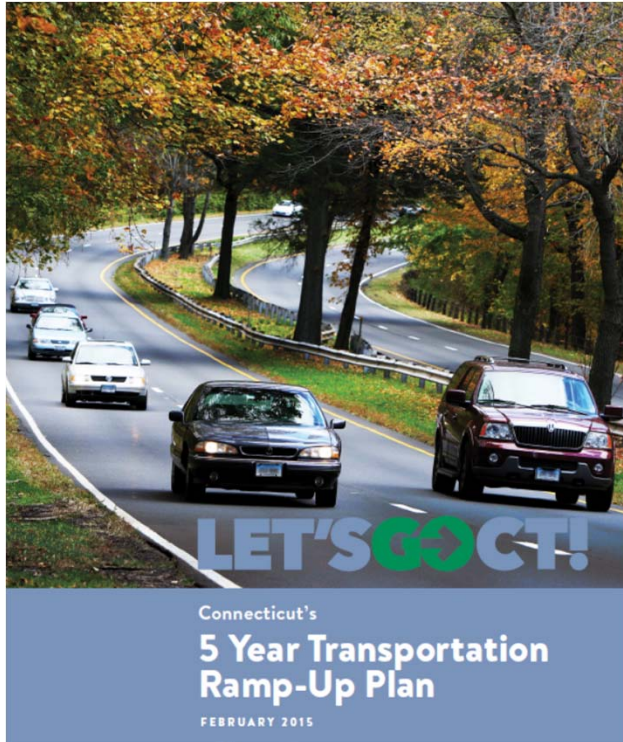
Postponed investments also place our economy & quality of life at risk

- Drivers in Connecticut spend up to **one work-week** sitting in traffic – over **\$1.6 B** in lost time & fuel
- Deficient roads & bridges cost CT drivers **\$2.6 B** per year in higher operating costs, fuel, & accidents



Recommended Investments

Highlights only



30-year plan: addresses all critical *preservation* & *enhancement* needs

\$100 billion investment

- **60-65%** for **safety & preservation**
- Achieve & maintain good state of repair

Highways & Bridges: Basic Preservation Programs

To achieve & maintain good state of repair

Pavement preservation program

- **\$7 Billion** over 30 years

Bridge preservation program

- **\$25 Billion** over 30 years
 - **not** including major bridge replacements

Bike & Pedestrian



Design for Bikes & Pedestrians. Support livable & walkable communities:

- complete streets policy
- context sensitive designs that respect community values.

Trail Program. Fill gaps in the regional trail system & maintain existing trails.

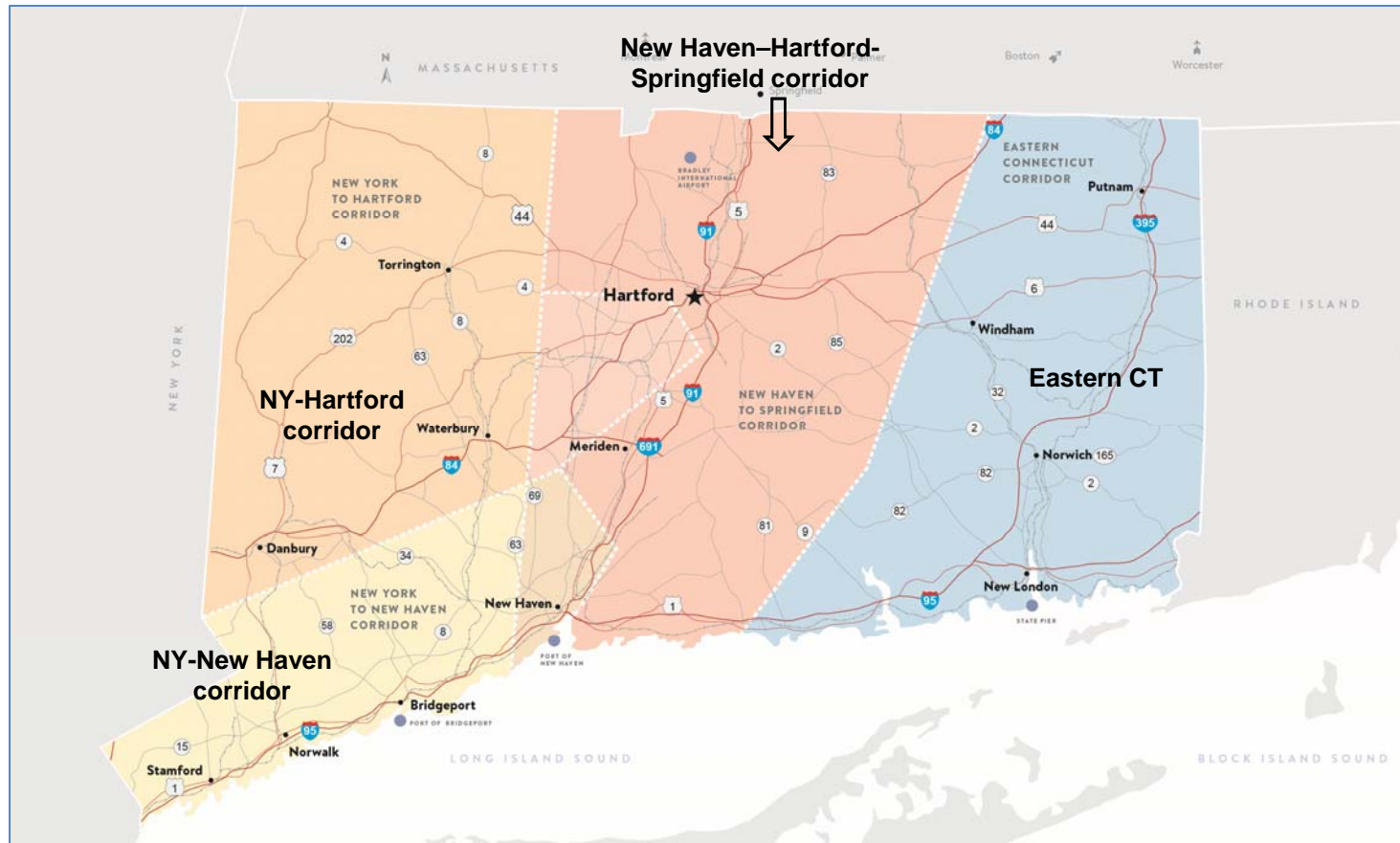
- New: **\$11 million** per year

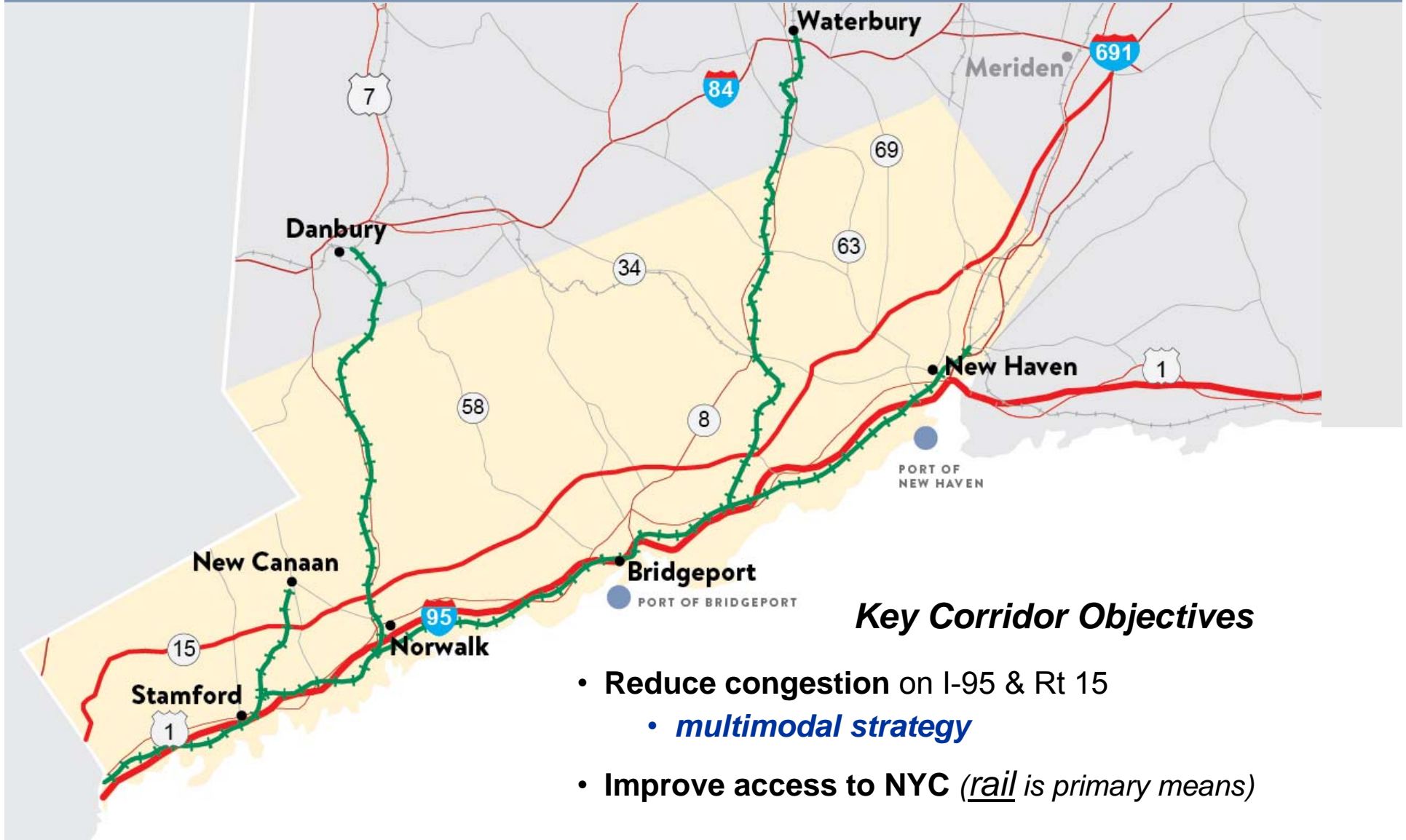
Community Connectivity Program.

Improve accommodations for pedestrians & cyclists in community centers

- New: **\$10 million** per year

Corridor & Regional Strategies





Key Corridor Objectives

- Reduce congestion on I-95 & Rt 15
 - *multimodal strategy*
- Improve access to NYC (rail is primary means)

HIGHWAY highlights

- **Major preservation** projects such as:
 - **I-95:** Complete reconstruction of **West River Bridge** in New Haven
 - **RT 15:** Reconstruct/replace **West Rock Tunnel** in Woodbridge
- **Widen I-95:** from NY to New Haven
 - **Phased widening:** start with most congested segment
 - Institute **congestion management** practices

RAIL highlights

New Haven Line:

- **Restore rail infrastructure** (movable & fixed bridges, track, catenary, etc.)
- **Improve safety and reliability** of service
- **Improve frequency & speed: '2+2' proposal**
 - reconfigure & fully utilize all 4 tracks to support '2+2'
 - more frequent local "subway" type service on 2 local tracks
 - faster express service on 2 express tracks



I-95 Widening Program

Part of multimodal strategy to manage congestion & promote economic growth

Economic Impacts:

\$11.4 B added business sales & output (30 yrs)

\$13.9 B added business during const.

3,300 permanent jobs.

1.65 = B/C ratio.



NHL Capacity Improvements

Part of multimodal strategy to manage congestion & promote economic growth

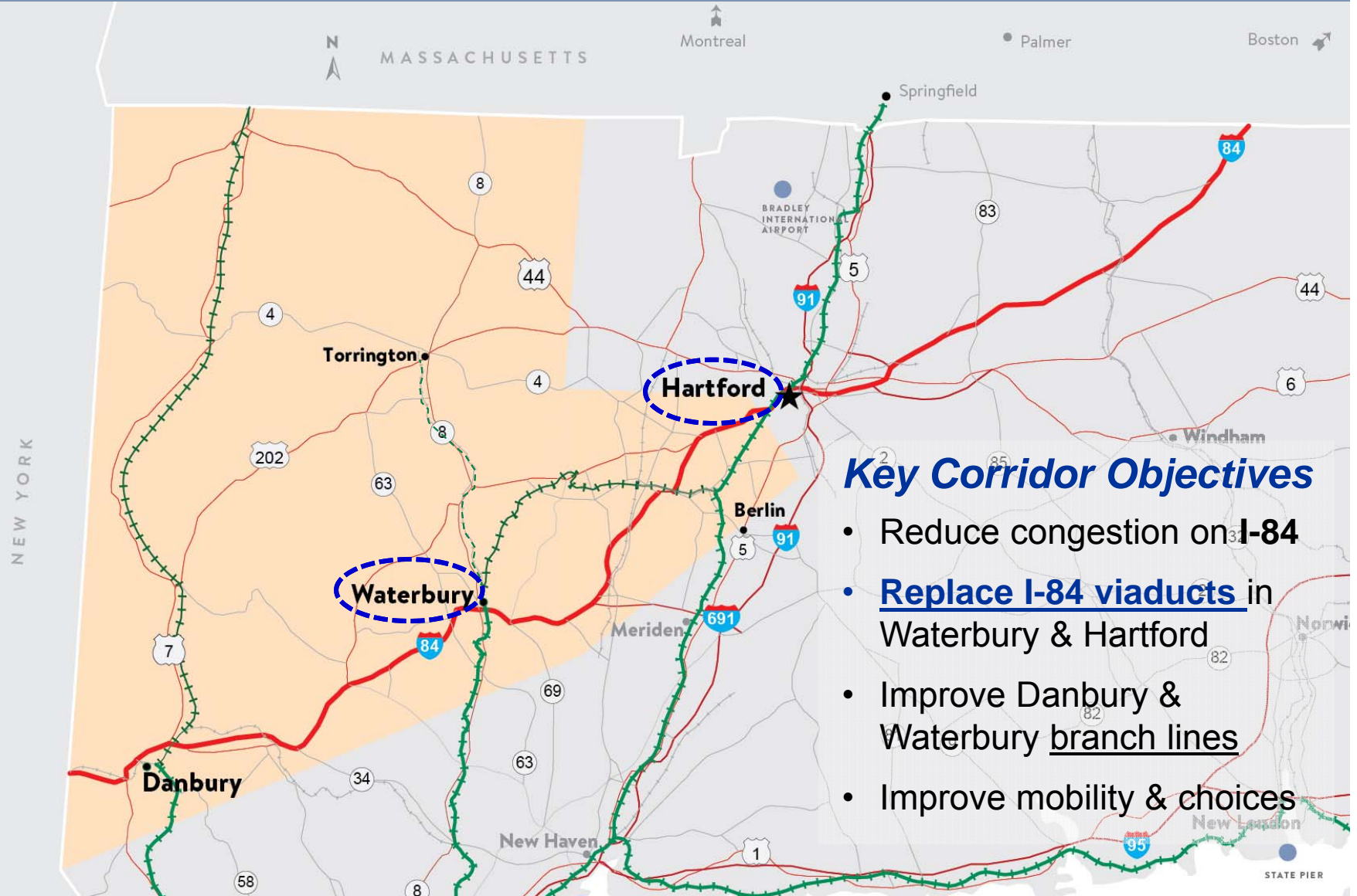
Economic Impacts:

\$6.2 B added business sales & output (30 yrs)

\$9.1 B added business during const.

2,000-3,000 permanent jobs.

2.51 = B/C ratio



I-84 Corridor *NY - Hartford*

Strong focus on
infrastructure replacement

Two aging viaducts

Built in 1960s
beyond design life

\$12 Billion

combined
replacement cost
= 12% of Let's Go CT



I-84 Mixmaster *Waterbury*

Replace 50-yr old viaduct,
fix Rt. 8 interchange

Economic Impacts:

\$8.8 B added business sales &
output (30 yrs)

\$10.4 B added business during
construction

2,000-3,000 permanent jobs.

1.75 = B/C ratio



I-84 Viaduct *Hartford*

Replace 50-yr old viaduct,
improve safety, redevelop area

Economic Impacts:

\$10.2 B added business sales &
output (30 yrs)

\$7.3 B added business during
construction

2,500-3,500 permanent jobs

2.68 = B/C ratio

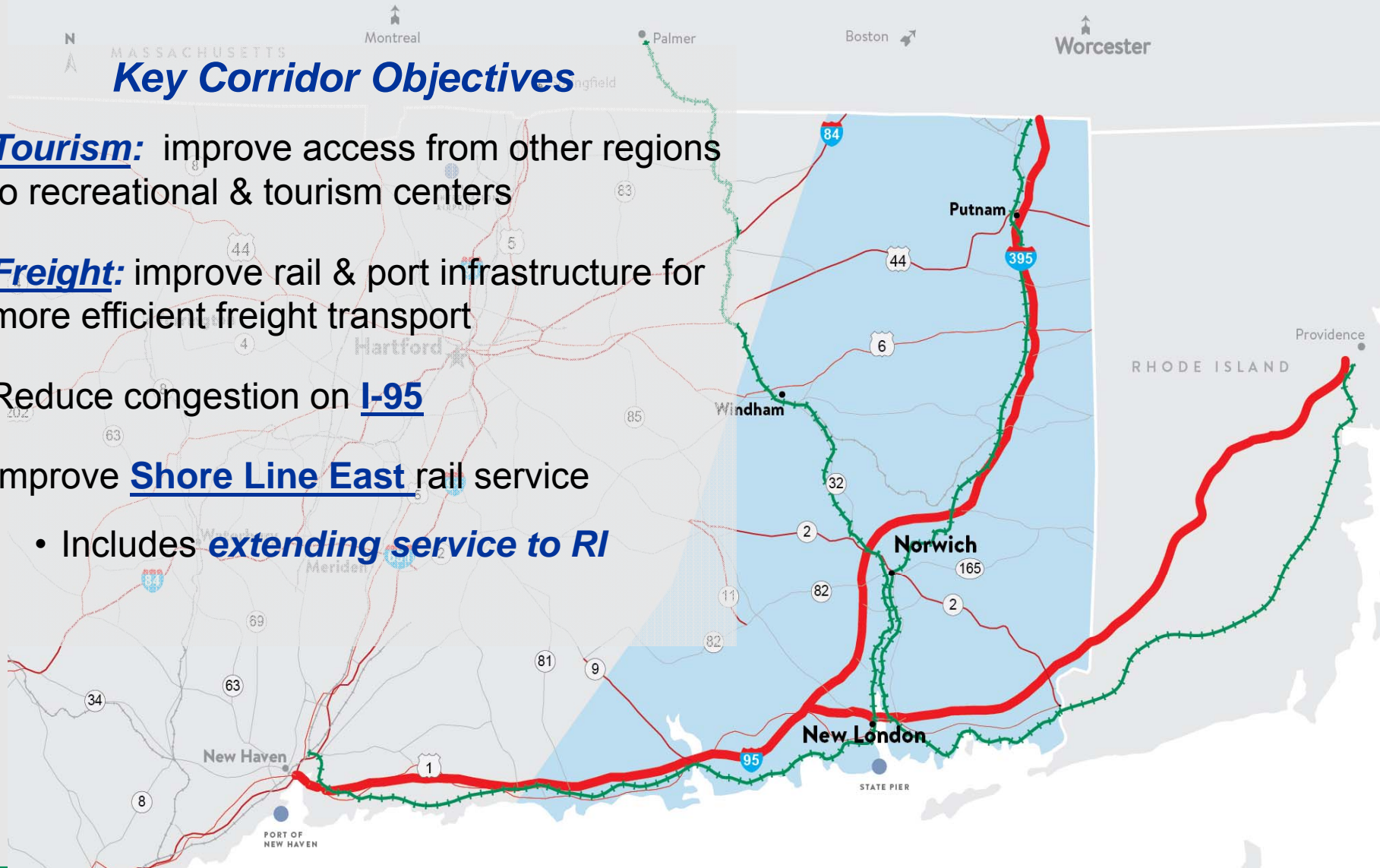
LET'S GO CT!



*Eastern CT
Corridor*

Key Corridor Objectives

- **Tourism**: improve access from other regions to recreational & tourism centers
- **Freight**: improve rail & port infrastructure for more efficient freight transport
- Reduce congestion on **I-95**
- Improve **Shore Line East** rail service
 - Includes **extending service to RI**



Video

Thank you.

www.LetsGoCT.com

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