

I-95

Strategies to Reduce Congestion



I-95 West Widening Feasibility Study



Problem



- Peak morning and evening congestion
- 54 million annual hours of delay
 - Stamford to New Haven
- Costing \$1.2 billion lost time annually

- Previously full widening in both directions was anticipated to “fix” congestion
- Major property impacts deemed widening infeasible by many

I-95 West Widening Feasibility Study



New Findings:

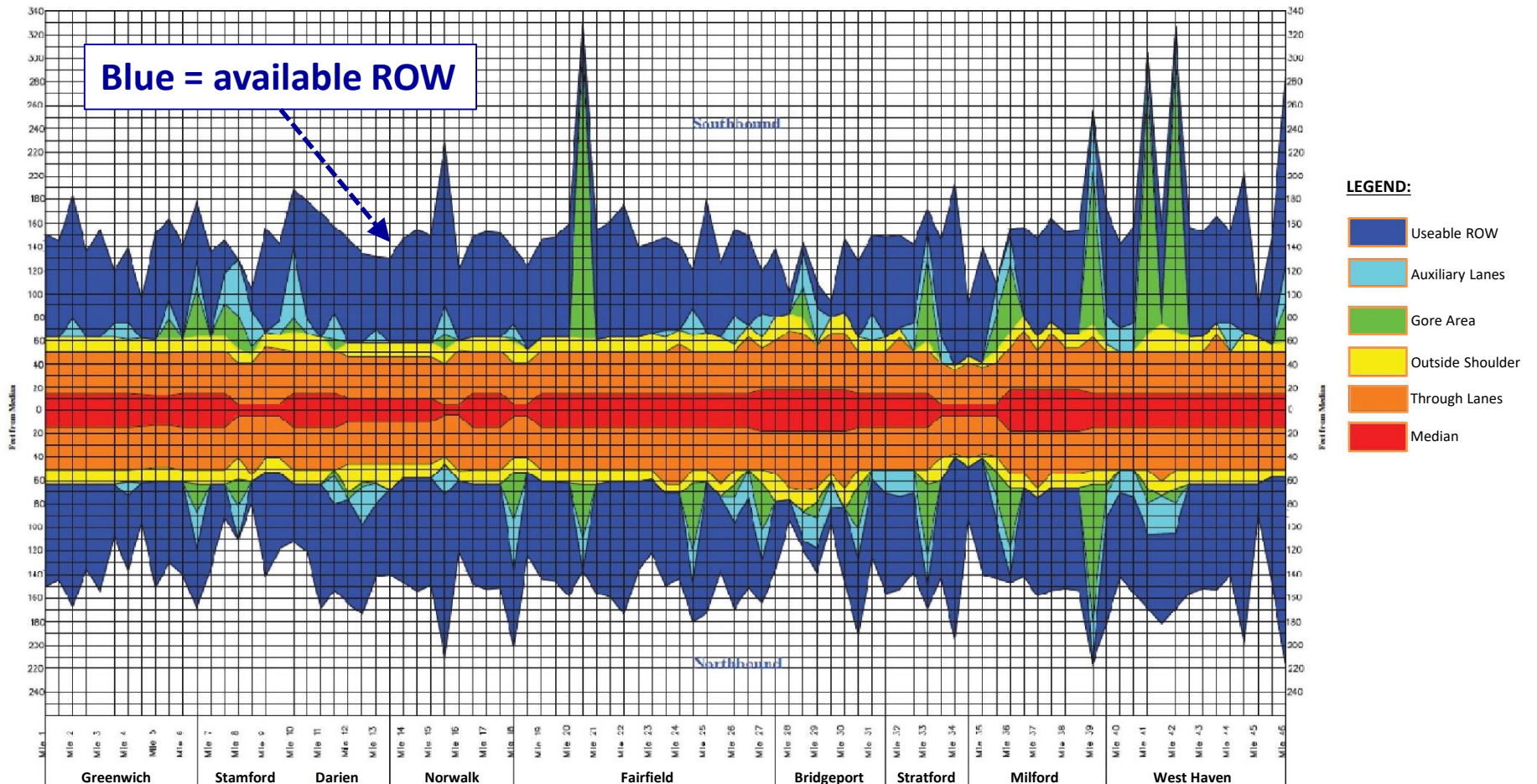
- **Limited, directional & strategic** widening yields major benefits
- Can be constructed within **EXISTING** DOT property

I-95 Existing West ROW



DRAFT - August 2013

Summary of Existing Conditions on I-95

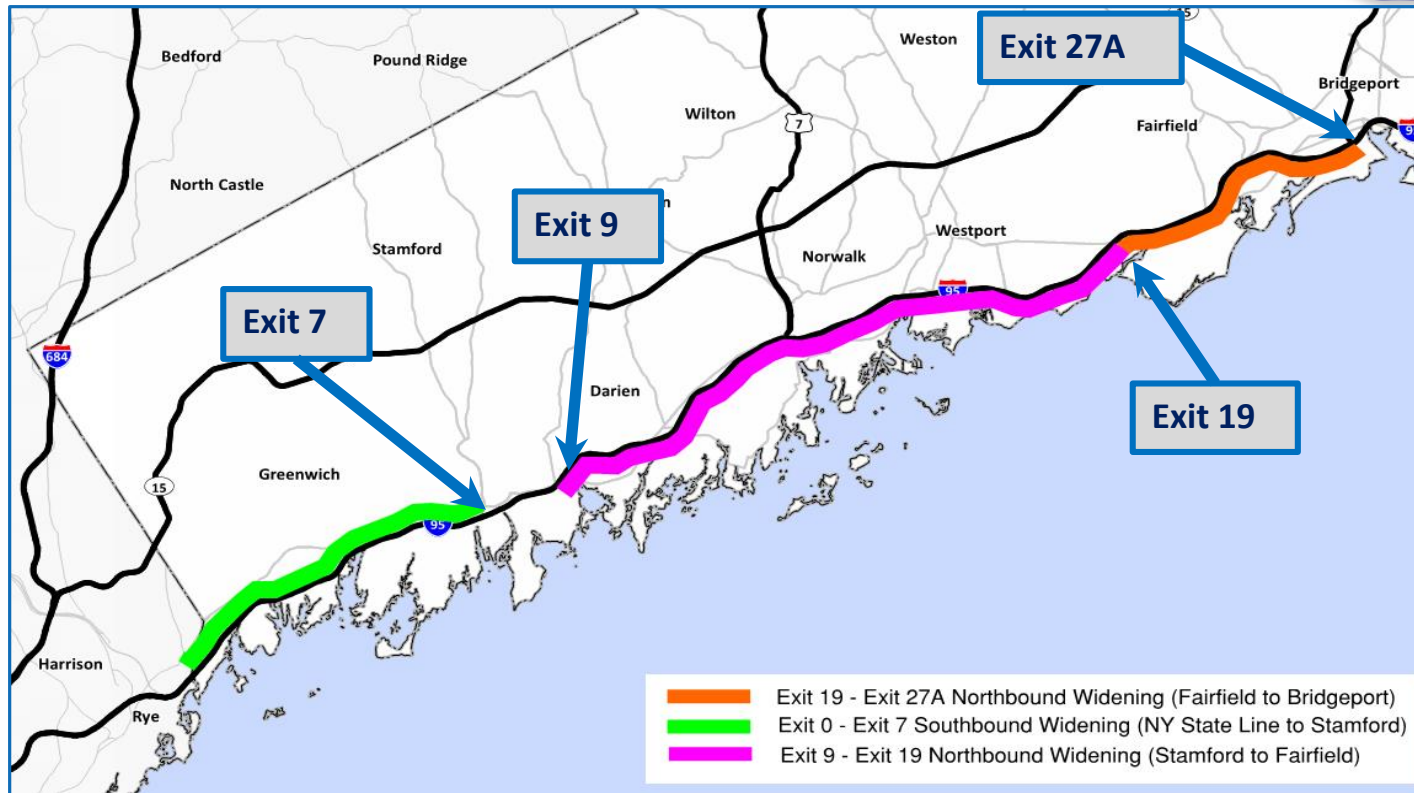


I-95 West – Incremental Strategies



- Multiple locations studied
- Three key areas:
 - Fairfield to Bridgeport Northbound 6.3 miles
 - Stamford to NY Southbound 9.3 miles
 - Stamford to Fairfield Northbound 11.1 miles

I-95 West Recommended Improvements



PROJECT COSTS:

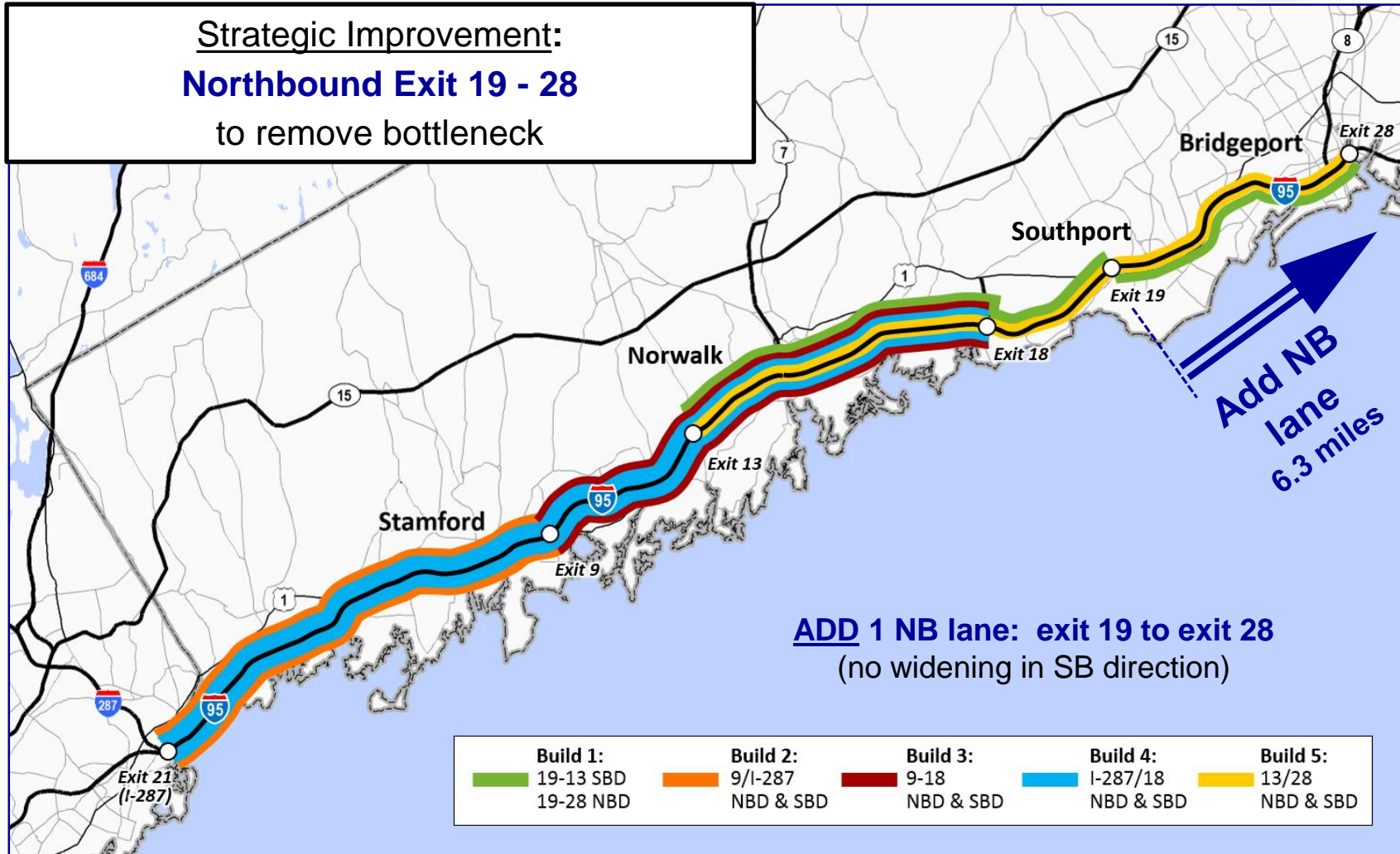
Exit 19 to Exit 27A Northbound Widening (Fairfield to Bridgeport): **\$399M**

Exit 0 to Exit 7 Southbound Widening (NY State Line to Stamford): **\$659M**

Exit 9 to Exit 19 Northbound Widening (Stamford to Fairfield): **\$1,257M**

I-95 West Multiple Segments Evaluated

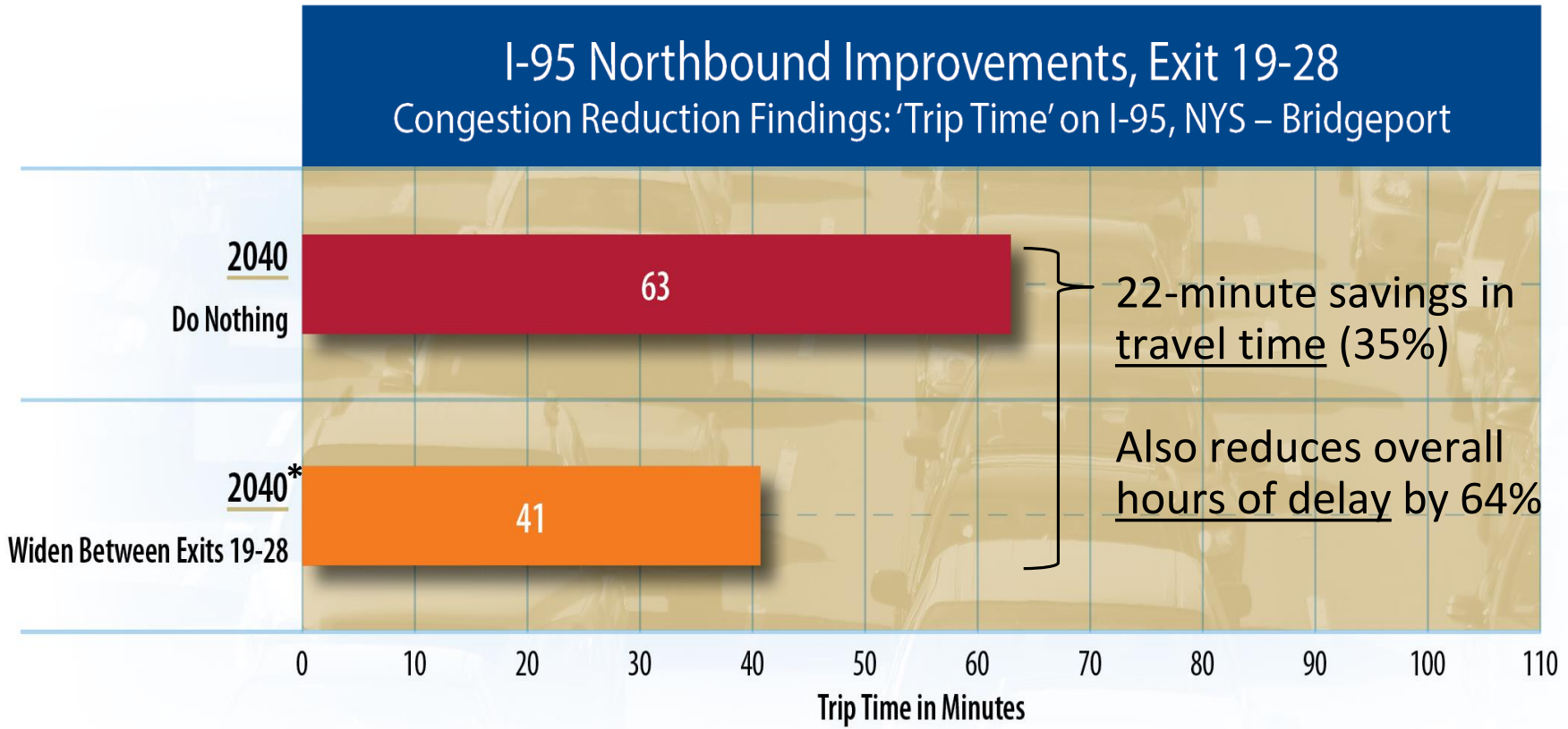
Single illustration provided



I-95 West -- 2040 Forecast



Reduction in Trip Time from NY to “Bridgeport”
northbound in weekday PM peak (3:00 - 7:00 PM)



*** 1 Lane added northbound between Exits 19 and 28**

I-95 West Targeted Widening Projects



Limited Widening Strategy:
top 3 projects in order of congestion reduced

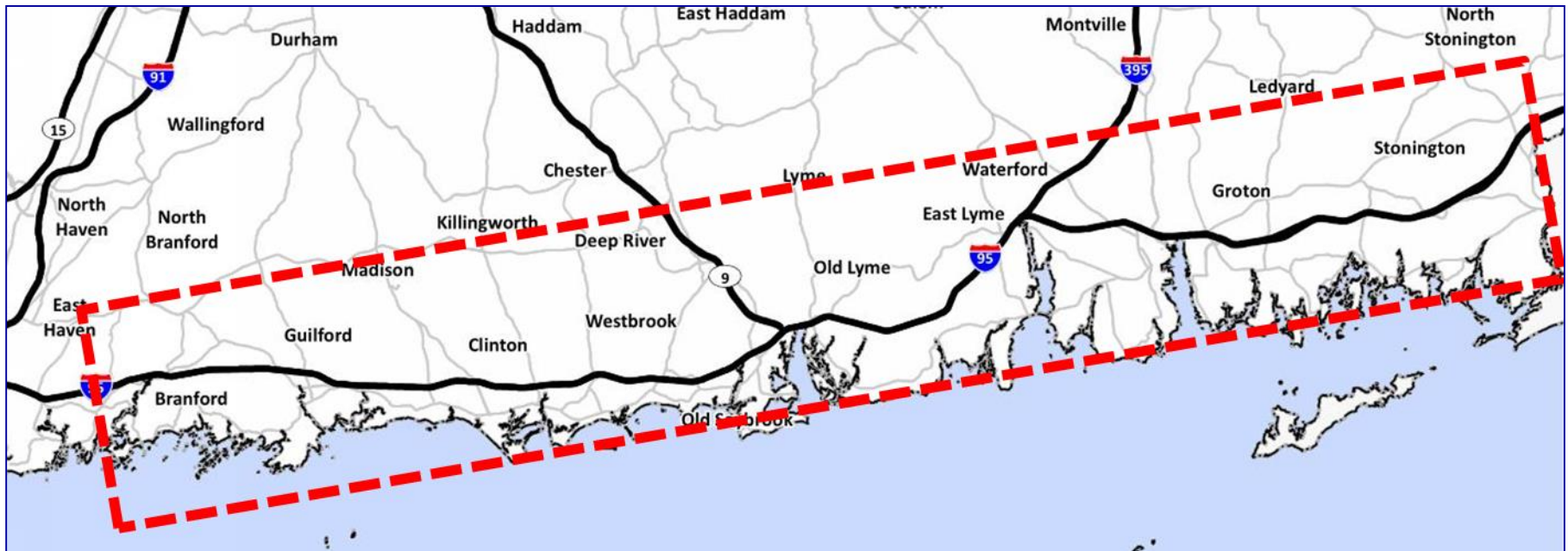
Cumulative Cost	Project	Project Cost ⁽²⁾	Dir.	Limits	exits	miles	Vehicle Hours Delay reduced
\$399,000,000	1	\$399,000,000	NB	Fairfield – Bridgeport	exits 19-27A	6.3	64%
\$1,058,000,000	2	\$659,000,000	SB	NY - Stamford ⁽¹⁾	exits 0-7	9.3	35%
\$2,315,000,000	3	\$1,257,000,000	NB	Stamford - Fairfield	exits 9-19	11.1	10%

(1) Includes bridge 0032

(2) 2022 costs



I-95 East Widening Study



Problem - Congestion



- **Congestion**

- Branford to Route 9*

- Typical **weekday** commute congestion pattern

- Route 9 to RI*

- **Seasonal:** summer recreational season
 - severe congestion compounded by accidents
 - congestion hurts tourism-based economy (complaints by Mystic area tourists)
 - **Weekend:** weekend traffic is primary problem



I-95 East: Safety a Major Concern



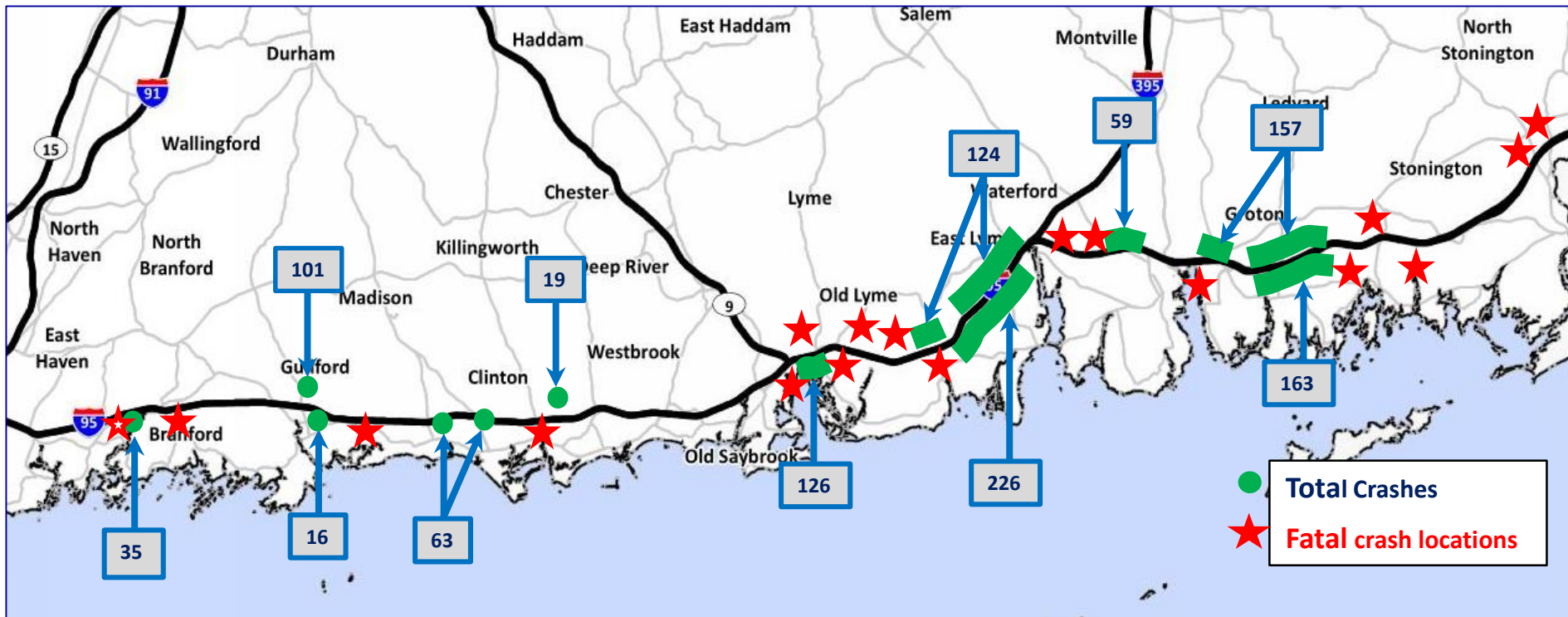
High number of accidents & severity

Branford – RI 2014, 2015, 2016

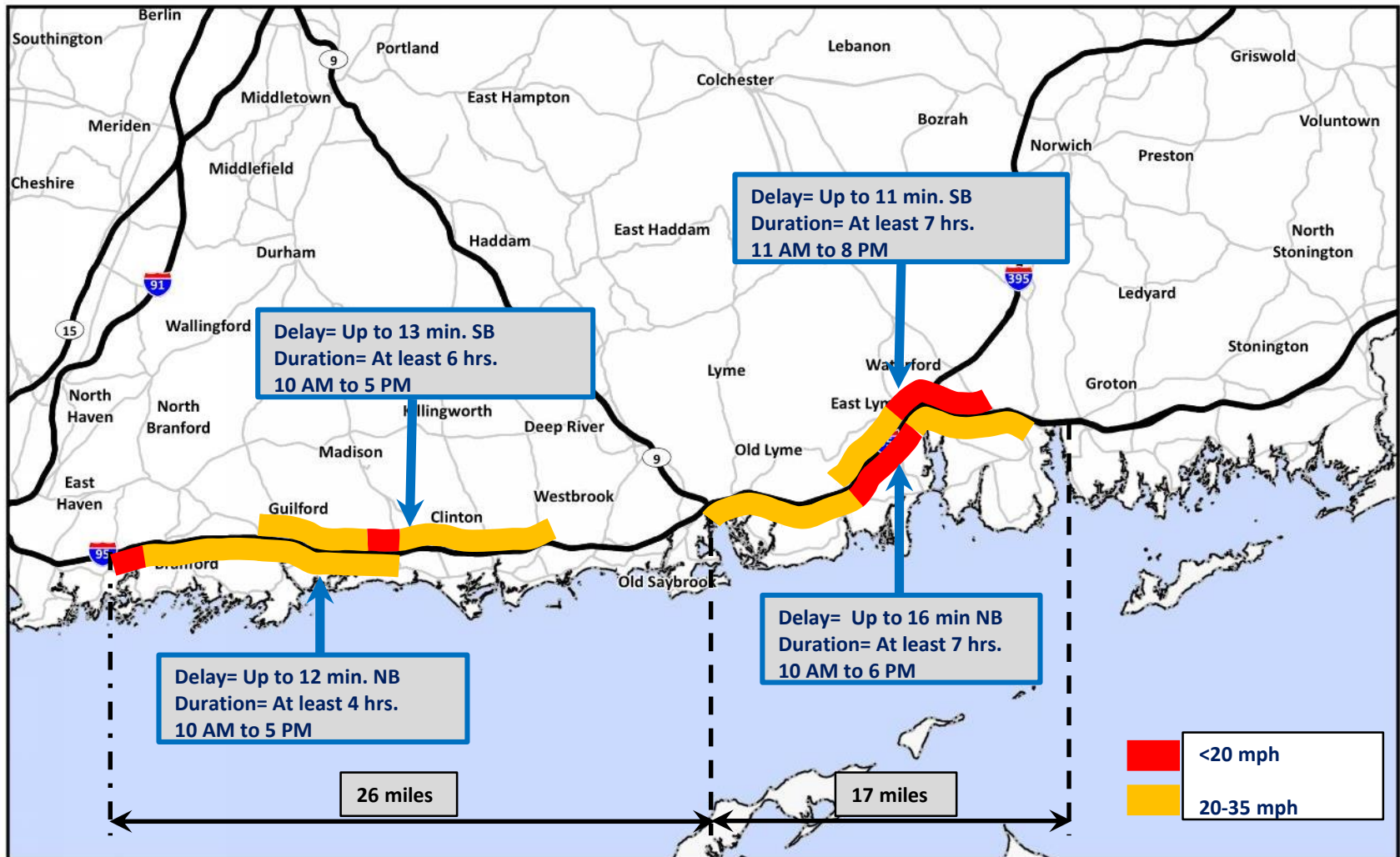
3,380 TOTAL CRASHES

23 fatalities

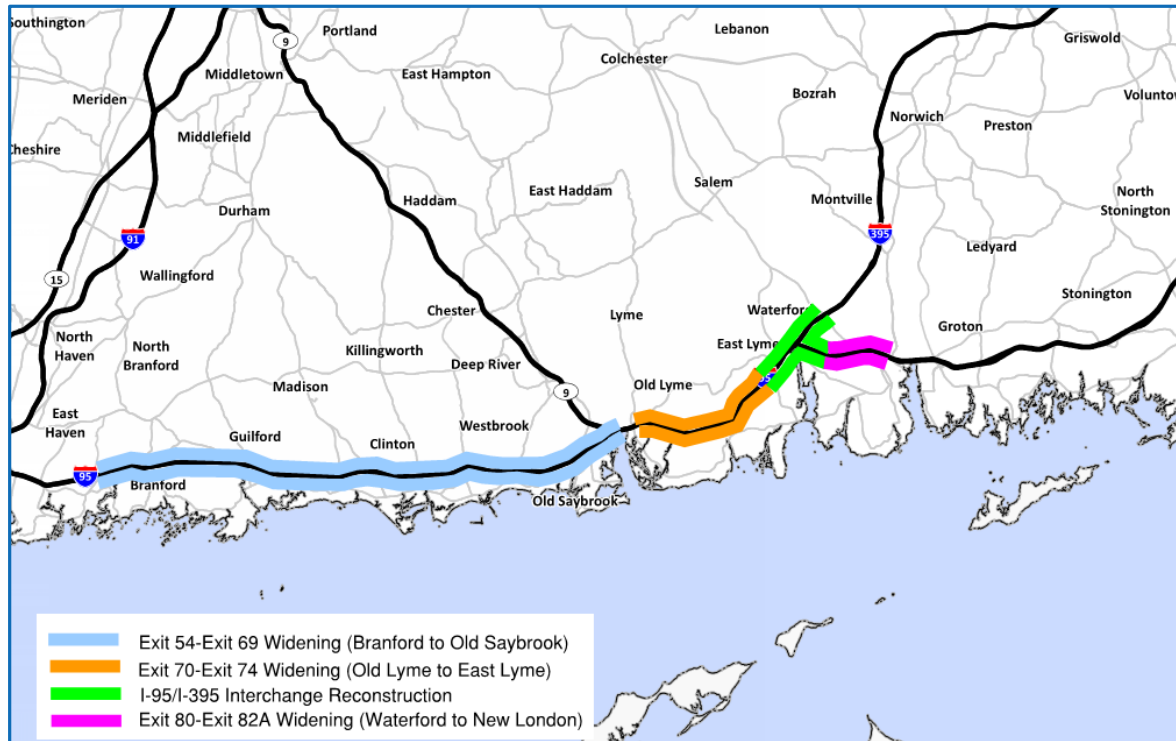
997 injuries



I-95 East Congestion



I-95 East Proposed Project Improvements



Short Term Improvements:

Exit 54 to Exit 55 Widening: **\$81M**

Exit 88, 89 and 90 Improvements: **\$70M**

Mid-Range Improvements:

I-95 & I-395 Interchange & Widening: **\$900M**

Exit 70 to Exit 74 Widening: **\$510M**

Exit 80 to Exit 82A Widening: **\$260M**

I-95/Route 32 Interchange: **\$40M-\$60M**

Long-Range Improvements:

Exit 54 to Exit 69 Widening: **TBD-**
Requires further study