Low-Cost Improvements to Bottleneck Locations, Phase II

March 15, 2012

# **Chen-Yuan Wang and Efi Pagitsas**



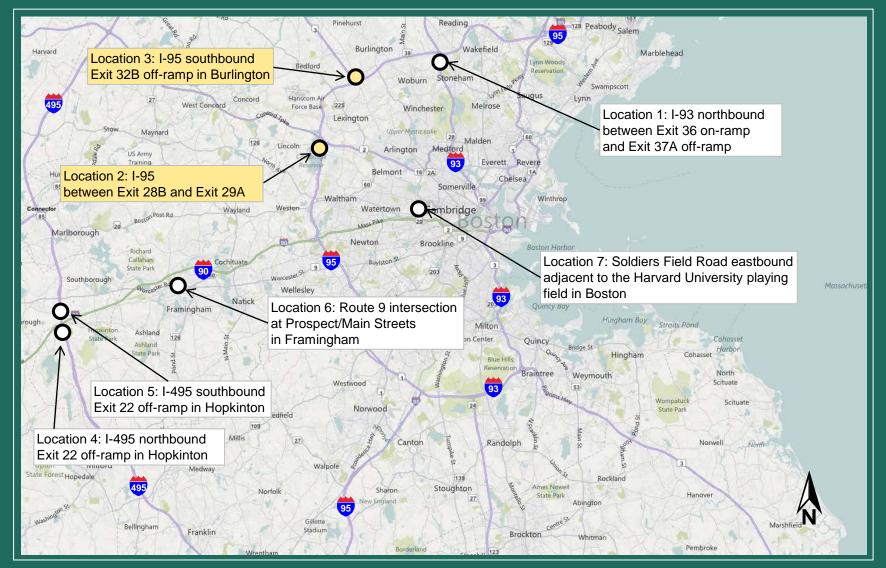
**Boston Region Metropolitan Planning Organization** 

## **BRIEF INTRODUCTION**

- Recommendation for UPWP from Federal Highway Administration
- Bottlenecks: congested highway segments with recurring operational problems, such as merges, diverges, lane drops, abrupt changes in highway alignment, and short entry/exit ramps
- Application of operational and low-cost solutions to bring about relief at bottlenecks
- Phase II: identified 7 candidate locations, selected 2 for study



### CANDIDATE LOCATIONS





#### I-95 between Interchange 28B (Waltham) and Interchange 29A (Lexington)



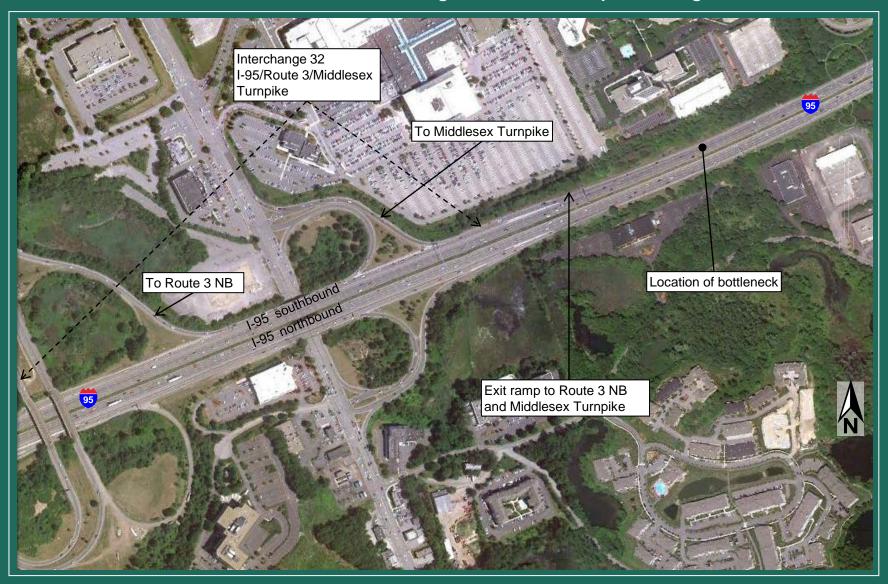


#### I-95 between Interchange 28B (Waltham) and Interchange 29A (Lexington)





#### I-95 Southbound at Interchange 32B Off-Ramp (Burlington)





#### I-95 Southbound at Interchange 32B Off-Ramp (Burlington)



