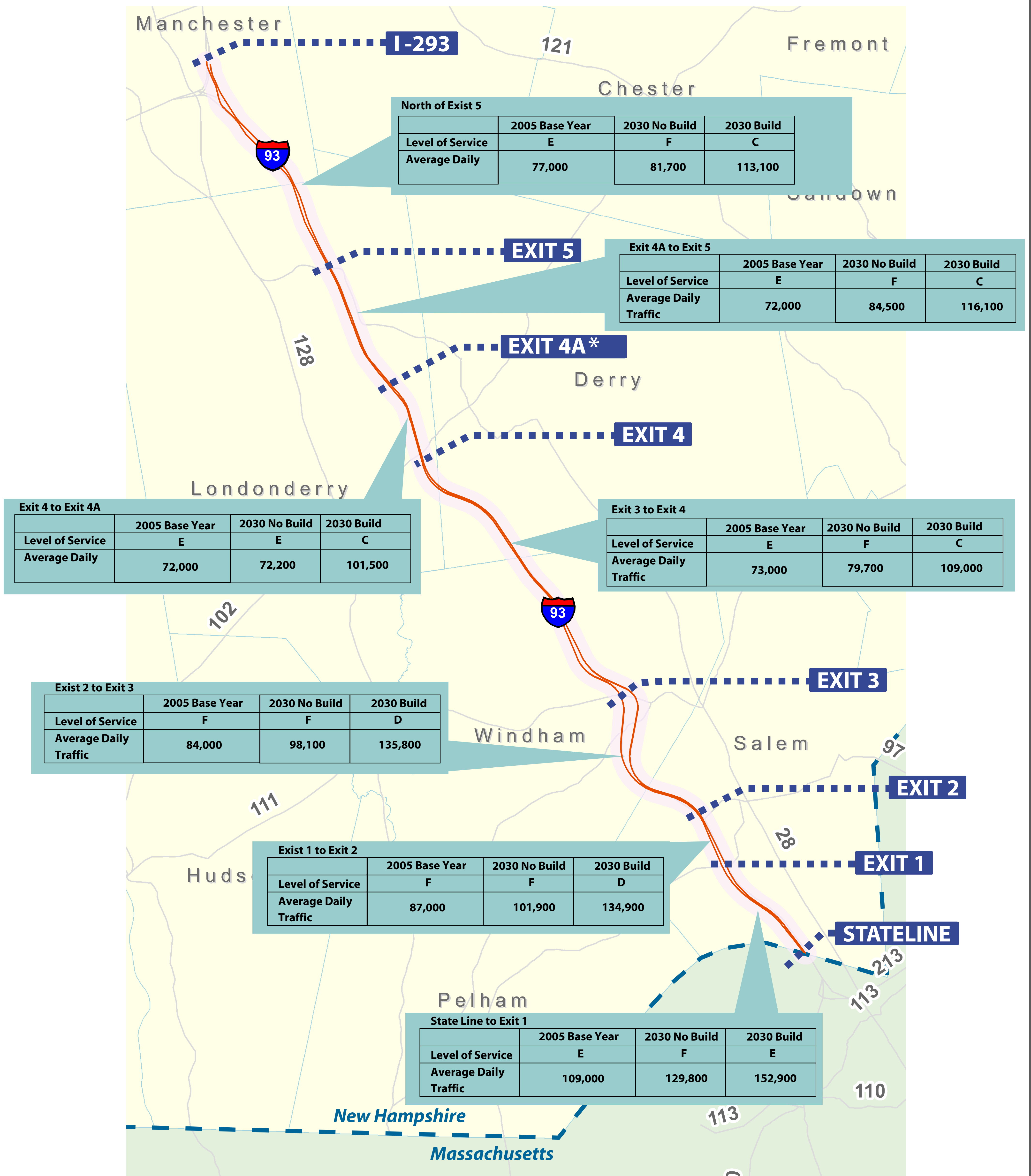


# I-93 Mainline Level of Service and Average Daily Traffic

## Scenario 2, 2030



\* I-93 Exit 4A is a separate project proposed by the towns of Derry and Londonderry included in the No Build condition for the I-93 Improvements DSEIS

Level of service (LOS) is a measure describing operational conditions on a transportation facility and motorists' perceptions of those conditions. Level of service generally describes these conditions in terms of such factors as speed and travel time, density or freedom to maneuver, traffic interruptions, comfort and convenience, and safety and, in so doing, provides an index to quality of traffic flow. For freeways (limited access roadways, including the I-93 mainline), LOS is estimated based on the density of the vehicles (a measure that quantifies the proximity of vehicles to each other within the traffic stream) and indicates the degree of maneuverability within the traffic stream. LOS A describes completely free flow conditions. LOS C describes a stable flow condition and is considered desirable for peak or design hour traffic flow. LOS E is capacity, while LOS F represents forced break down flow.

The Scenario 2 2030 analysis results above show that the project eliminates LOS F conditions on all segments. Under Scenario 2, the project also eliminates LOS E conditions on all segments, except for the segment south of Exit 1, which would be improved from LOS F to LOS E.