



MEMORANDUM

TO: TPB Technical Committee
FROM: Eric Randall, TPB Transportation Engineer
SUBJECT: Analysis of Transportation Impacts of WMATA's SafeTrack Program
DATE: November 23, 2016

This memorandum provides an overview of a planned analysis of the transportation impacts of WMATA's SafeTrack program. This analysis will examine Surges 1 through 10, the latter ending on November 22.

TPB staff will be evaluating each Surge for the changes in traffic, transit, and other modes of travel to provide an overview of the changes in travel experienced during this significant safety work on the WMATA Metrorail system.

WORK PLAN

TPB staff will be reaching out to local jurisdictions to collect supporting data, including transit ridership, bike counts, and any other relevant data.

The following is the work plan for this initial analysis.

1. Traffic Congestion Impacts – Continue previous traffic analysis using INRIX to quantify the impact of traffic congestion around Surge work zones. Previous findings were that traffic is somewhat worse in the proximity of each work zone, but there have been no significant regional impact. TPB staff will compare the impact of each surge in comparison with other travel impacts.
2. Transit Usage – Quantify the use of Metrorail, Metrobus, and local transit services for each Surge. Attempt to quantify number/% of persons still using transit or that made other travel choices.
3. Traffic Counts – Quantify any information on car counts on key arteries in Surge work zones. Attempt to quantify number/% change in car usage.
4. Other Data – Quantify bike counts, bikeshare figures, and any other data that could be used to quantify number/% of persons making other choices.

TPB staff anticipate completing this analysis in December, with presentation of results at the January 6, 2017 TPB Technical Committee meeting.