


I-270 Innovative Congestion Management Project Briefing

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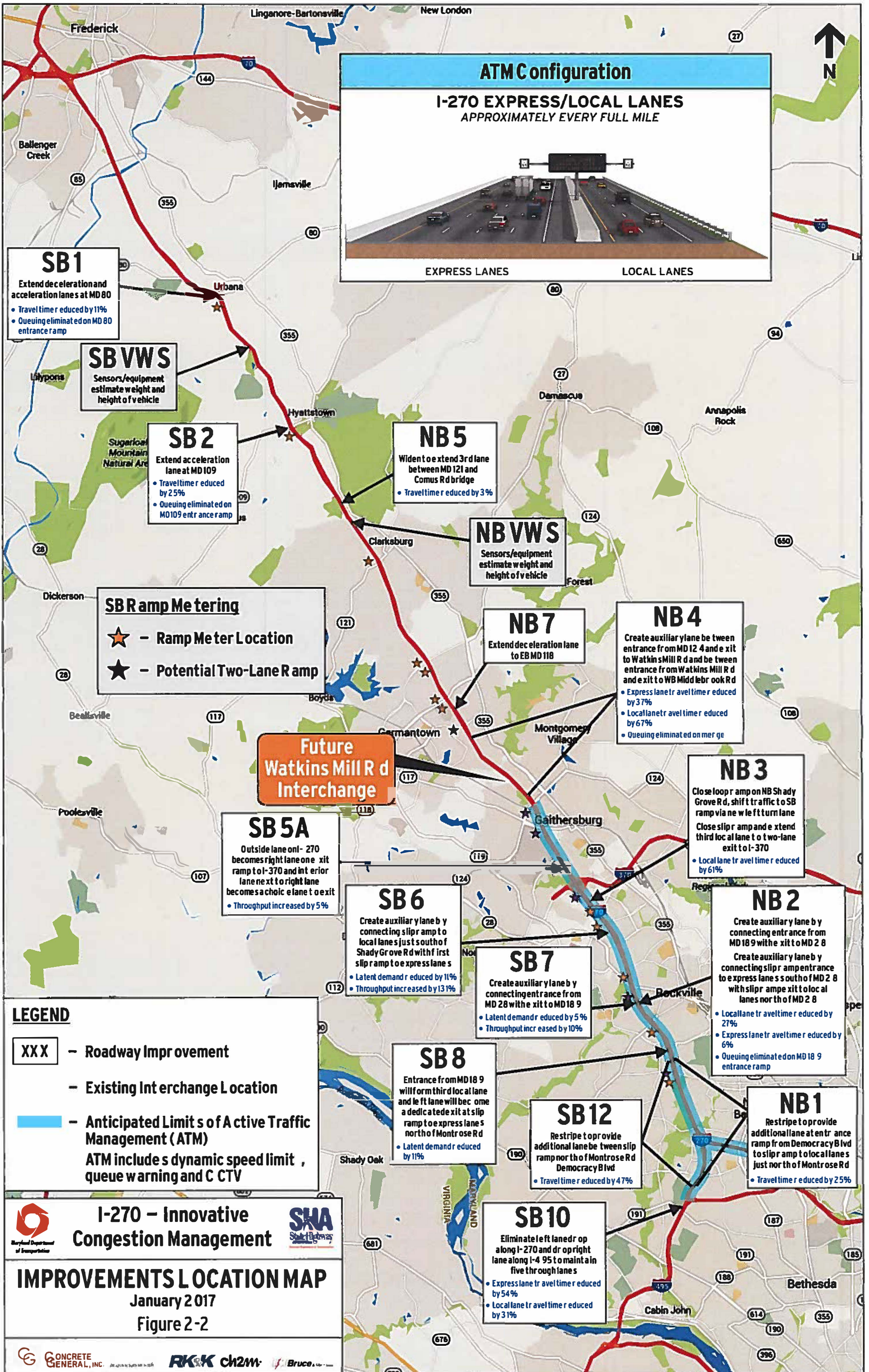
Completed: 03/15/2018

SUMMARY

The Maryland Department of Transportation-State Highway Administration is conducting a Progressive Design-Build contract to construct highway and traffic management improvements on I-270 between I-70 and I-495 (Western and Eastern Spurs). SHA solicited design-build proposals in 2017 and ultimately selected the Concrete General Team to undertake the planning, engineering, environmental and construction work for this project. The project includes two distinct elements. First, 14 roadway improvements are proposed to increase capacity and vehicle throughput while addressing safety concerns and bottleneck issues. The second part of this project is the introduction of innovative technologies and techniques, including adaptive ramp metering, active traffic management and virtual weigh stations (the virtual weigh station component of the project was subsequently eliminated from the project).

The attached graphic shows the 14 road improvements proposed along the corridor, the location of ramp metering, and the anticipated limits of active traffic management along I-270. Ramp metering is proposed at southbound locations shown with stars on the graphic. After the elimination of the virtual weigh stations from the project scope, ramp metering in the northbound direction was added to the project.

The focus of this briefing is to provide an opportunity for representatives from SHA and their design-build project team to present a brief general overview of the project and engage in a discussion of ramp metering and active traffic management including how it will benefit traffic operations. We also anticipate a more detailed discussion on the proposed improvements at the Shady Grove Road interchange (Project NB3).



I-270 - Innovative Congestion Management

IMPROVEMENTS LOCATION MAP
January 2017
Figure 2-2