

AGENDA ITEM #13: SEA LEVEL RISE AND STORM SURGE IMPACTS TO ROADWAYS IN HAMPTON ROADS: DRAFT
Sam Belfield, HRTPO

Sea level rise, coupled with storm surge, will continue to increase the risk of major coastal impacts on transportation infrastructure, including both temporary and permanent flooding of roadways, bridges/tunnels, and other facilities. Repetitive flooding at critical transportation facilities can severely impact travel and hurt regional and local economies.

HRTPO staff has partnered with HRPDC staff to conduct a GIS-based flooding vulnerability analysis for potential sea level rise and storm surge impacts to regional roadways by 2045 (next Long-Range Transportation Plan horizon year).

The draft report includes methodology for incorporating sea level rise and storm surge impacts to roadways into the HRTPO Long-Range Transportation Plan Project Prioritization Tool. Furthermore, it contains adaptation strategies, design considerations, best practices, and lessons learned from other coastal regions (e.g. Gulf Coast) that are also vulnerable to sea level rise and storm surge.

The draft report will be made available for public review and comment on the HRTPO website from January 6, 2016 through January 29, 2016.

Mr. Sam Belfield, Senior Transportation Engineer, will brief the TTAC on this item.

RECOMMENDED ACTION:

Review the draft report during the public comment period and submit comments to Sam Belfield (sbelfield@hrtpo.org) by Friday, January 29, 2016.