

DATE: **Date**, 2019

SUBJECT: TE-153 (Pennsylvania Adaptive Signal Control Evaluation)

TO: District Executives
 Assistant District Executives - Maintenance

FROM: George McAuley, P.E., Deputy Secretary
 Highway Administration

This Strike-off Letter replaces Strike-off Letter 494-13-02 issued on February 15, 2013. It This Strike-off Letter is time and resource neutral and will result in clarification on the Department's use of TE-153 (Pennsylvania Adaptive Signal Control Evaluation). The purpose of Form TE-153 is to assist designers when evaluating Adaptive Signal Control Technology systems by providing Pennsylvania specific information that identifies appropriate needs and requirements. This traffic engineering form should be used in collaboration with Federal Highway Administration's (FHWA) Model Systems Engineering Documents for Adaptive Signal Control Technology Systems [FHWA-HOP-11-027].

The TE-153 form is accessible online here:
<http://www.dot.state.pa.us/public/PubsForms/Forms/TE-153.pdf>

The systems engineering process using Form TE-153 is required for all projects proposing adaptive traffic signal control, including federally funded projects, state funded projects, Green Light-Go projects, municipal projects, and developer projects. To ensure successful deployments of adaptive signal control, Form TE-153 should be completed through Part H and submitted to BOMO for approval prior to beginning of preliminary engineering for all projects where adaptive technology is being considered.

For projects currently in design, Form TE-153 should be completed through Part H and submitted as soon as possible.

Technical review of Form TE-153 will be completed by the Arterial Operations Unit within the Highway Safety & Traffic Operations Division.

Additional guidance for adaptive signal control will be included in future traffic signal publications.

Should you have any questions regarding this matter, please contact Stephen Gault, Statewide Traffic Signal Operations Engineer, at (717) 787-6988.

494-19-XX

Month XX, 2018

Page 2

4945/SAG/hmq

cc: Assistant District Executives – Design
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