MEMORANDUM

DATE: **August 21, 2020**

TO: **All Holders of Standard Plans, Region Staff, Project Support Units, Contractors and Consultants**

FROM: **Joshua Palmer, Standards & Specifications Guardrail Engineer**

SUBJECT: **Revised Standard Plan - M-606-14 Precast Type 7 Concrete Barrier - MASH Compliance of Temporary Type 7 Precast Concrete Barrier**

The Project Development Branch has issued the revised CDOT Standard Plan *M-606-14 Precast Type 7 Concrete Barrier* with 4 sheets. Effective August 21, 2020.

This revised standard plan replaces the April 30, 2020 version with the same name.

The Project Development Branch has classified the temporary Precast Type 7 Concrete Barrier design found in CDOT M&S Standard Plans M-606-14, as Test Level 3 (TL-3) MASH compliant for temporary, portable concrete barrier.

This decision continues the Department's commitment to follow the guidance presented in the 2016 *AASHTO/FHWA Joint Implementation Agreement for Manual for Assessing Safety Hardware (MASH)* and is supported by successful crash testing, professional opinions, industry reports and research, that reinforce the ability of the standard non-proprietary f-shape (CDOT Type 7) design to meet minimum standards for MASH compliance.

Continued manufacturing and utilization of temporary Precast Type 7 Concrete Barrier is permitted, using the design found in M-606-14 only. Approved variations to existing design as well as proprietary MASH compliant barrier products are available and can be found by referencing CDOT's Approved Products List (APL) and Safety Selection Guide – Application Table.

Please note that any new and revised M&S Standards boxes are to be filled in on the Standard Plans List sheet and inserted into the plan set for projects requiring their use.

An electronic copies of this and other standards are available on CDOT's 2019 M Standard Plans and Project Special drawings web site.

If you have any questions or comments, please contact Standards and Specifications Engineer Shawn Yu or Guardrail Engineer Joshua Palmer.