



MEMORANDUM

TO: ALL HOLDERS OF STANDARD PLANS

FROM: K.C. MATTHEWS, TRAFFIC STANDARDS AND SPECIFICATIONS ENGINEER

DATE: MAY 24, 2016

SUBJECT: REVISIONS OF STANDARD PLANS S-614-21 "CONCRETE BARRIER SIGN POST INSTALLATIONS"

With this memorandum, the Safety and Traffic Engineering Branch is issuing revisions to the S-614-21 standard plan set.

The Revised Standard Plan S-614-21, Sheet 1 of 2 and 2 of 2, supersedes the current Standard Plans sheet of the same title and sheet number.

Following is the change on the revised sheets:

- Sheet 1/2 -

Reorganization of details to Sheet 2 of 2.

The General Notes includes a revision to Note 11 to include Hilti Kwik HUS-EZ bolts as the mounting anchor bolt hardware for P-Post Retro-Fit Concrete Barrier Installations.

- Sheet 2/2 -

A new Retro-Fit Slipbase Installation allows the installation of a Surface Mount Slipbase for Tubular Steel Sign bases.

A new Saddle Bracket (P1 & P2 Posts) detail for the installation of a saddle bracket in conjunction with Concrete Glare Screen.

This Surface Mount application is previously approved in S-614-8, the only difference is that the mounting hardware calls out Hilti Kwik HUS-EZ screw anchors for the mounting hardware. This type of screw anchor will also be utilized in the installation of saddle brackets with both Type 7 and Concrete Glare Screen applications. This type of screw anchor will allow for easier installation and uninstallation of sign bases. The key is the uninstallation, which will put our maintenance forces at less risk when in live traffic situations and will also allow quicker and cleaner removal and replacement of sign bases in the case of a damaged, unrepairable sign base.

The designer should be sure that there are no other plan requirements or special provisions that conflict with these standards.

To obtain a print copies of this standard please check Traffic Engineering Standards and Specifications web site:

<https://www.codot.gov/library/traffic/traffic-standards/2012-s-standard-plans>

