Draft To: Dallas Hammit <dhammit@azdot.gov>, Steve Boschen <SBoschen@azdot.gov>, Barry Crockett <bcrockett@azdot.gov>, "Todd A. Emery" <TEmery@azdot.gov>, JGutierrez@azdot.gov, Brent Cain <BCain@azdot.gov>, James Windsor <jwindor@azdot.gov>, David Eberhart <DEberhart@azdot.gov>, Maysa Hanna <mhanna@azdot.gov>, Julie Kliwer <JKliwer@azdot.gov>, Paul O'Brien <POBrien@azdot.gov>, Jerry James <JJJames@azdot.gov>, Raul Amavisca <RAMavisca@azdot.gov>, Audra Merrick <amerrick@azdot.gov>, Ed Wilson <JWilson@azdot.gov>, Matt Moul <MMoul@azdot.gov>, Alvin Stump <astump@azdot.gov>, "Roderick F. Lane" <RLane@azdot.gov>, William Harmon <BHarmon@azdot.gov>, Paul Patane <PPatane@azdot.gov>, Randy Everett <reverett@azdot.gov>, Gregory Byres <GByres@azdot.gov>, Gregory Wristen <gwristen@azdot.gov>, Steve O'Brien <SOBrien@azdot.gov>, Md Iqbal Hossain <IHossain@azdot.gov>, Lisa Pounds <LPounds@azdot.gov>, "Deitering, Thomas (FHWA)" <thomas.deitering@dot.gov>, "Chan, Eunice (FHWA)" <eunice.chan@dot.gov>
Cc: Michael DenBleyker <mdenbleyker@azdot.gov>, Reed Henry <DHenry@azdot.gov>, Doug Smith <dsmith2@azdot.gov>

**SENT ON BEHALF OF MICHAEL DENBLEYKER, STATE ROADWAY ENGINEER**

**TO ALL ADOT AND CONSULTANT DESIGN AND CONSTRUCTION PERSONNEL**

**RE: REVISED GUARDRAIL END TERMINAL PAD LAYOUT STANDARD DRAWINGS**

Standard Drawings C-10.20, 10.21, 10.22, and 10.77 relating to guardrail end terminal pad layouts have been revised to better clarify dimensions and payment limits. No changes have been made to the physical characteristics of the constructed pads or end terminals.

**Construction Personnel:** Please note the end terminal "each" pay item limits encompass additional rail and posts not included in the supplier's end terminal package. The cost of the additional rail and posts should be included in the end terminal "each" pay item and not paid separately.

**Design Personnel:** Please include the revised "1A" standards index sheet in your plan sets for all applicable projects that have not reached Stage IV as of April 12, 2019.

The revised standard drawings and "1A" index sheet are located on our webpage at: https://www.azdot.gov/business/engineering-and-construction/roadway-engineering/roadway-design/standards-and-guidelines

Any comments and suggestions you have will be welcome for future updates to these drawings. Contact Chris Cooper, Roadway Support Manager at 602-712-8365 if you have any questions or comments. Please distribute to all ADOT and consultant design and construction personnel in your Group, Section, or District.