**Design Standards Letter**

**Letter Number: P-2021-03**

**Letter Date: 05/05/2021**

**Effective Date: 07/01/2021**

**Section/Plan No.: 506.20, 604.40, 606.60, 606.80, 616.20, 732.00, 733.00**

**Subject: Revised Supplement to the 2020 Missouri Standard Plans for Highway**

**Construction and New Publication of the 2021 Missouri Standard Plans for Highway Construction.**

**TO:** All Central and District Offices

**FROM:** Sarah Kleinschmit

**DATE:**  May 5, 2021

**SUBJECT:** Engineering Policy

Standard Plans Letter No. 3, 2021

The Supplemental Revisions to the *2020 Missouri Standard Plans for Highway Construction* and new publication of the *2021 Missouri Standard Plans for Highway Construction,* effective July 1, 2021are now available on MoDOT’s website.

Questions regarding the Supplemental Revisions to the Missouri Standard Plans for Highway Construction should be directed to Rick Prosser, Central Office, Engineering Policy Services, at 573-526-8485 or myself at 573-751-7412.

**REVISIONS:**

**506.20** *(sheet 1 of 1)*. New Standard Plan “Big Block Unbonded Concrete Overlay”.

**604.40** *(sheet 1 of 2)*. Revised title of sheet to “Pipe Collars Type A”. Added General Note “For pipe extensions that are 5 feet in length or shorter, a smooth tapered sleeve may be used in lieu of a Type A Collar, if approved by the engineer. See Smooth Tapered Sleeve Detail in Standard Plan 732.00”. Revised title of Elevation view within Type A Collar detail to read “(For pipes of dissimilar size or material)”. Added Table of Dimensions to the sheet.

**604.40** *(sheet 2 of 2)*. Revised title of sheet to “Pipe Collars Type C”. Added detail for Type C Collar and a Bending Diagram for B-Bars. Removed details for Type B Collar and Pipe Placement.

**606.60** *(sheet 1 of 6)*. Added callout (3) and corresponding note “The additional required MGS Guardrail is included in the total length of need and shall be paid for as a guardrail pay item.”.

**606.60** *(sheet 2 of 6)*. Added note “Begin additional MGS Guardrail or MASH End Treatment” to both details.

**606.80** *(sheet 4 of 7)*. Replaced the word “caulking” with “epoxy” in detail for Rock Face Guardrail Anchor.

**616.20** *(sheets 1 through 5)*. New Standard Plan “Temporary Traffic Control Plans – Pavement Treatments for Two-Lane Roadways”.

**732.00** *(sheet 3 of 3)*. Removed references to Type 6 Connections within Connection Requirements table.

**733.00** *(sheet 1 of 1)*. Removed second paragraph from General Notes. Added new second paragraph and third to the General Notes requiring “All parts of the tie assembly except for anchorage shall be located on the fill face. Anchorage that is different than shown shall be approved by the engineer.” and “Ties shall only be used for connecting adjacent precast sections. Ties are not to be used to connect precast to cast-in-place sections.”.

SKK/RGP