December 13, 2019

REVISION OF SECTION 412

DOWEL BARS FOR JOINTS

1. **NOTICE**

This is a standard special provision that revises or modifies CDOT’s *Standard Specifications for Road and Bridge Construction*. It has gone through a formal review and approval process and has been issued by CDOT’s Project Development Branch with formal instructions regarding its use on CDOT construction projects. It is to be used as written without change. Do not use modified versions of this special provision on CDOT construction projects, and do not use this special provision on CDOT projects in a manner other than that specified in the instructions unless such use is first approved by the Standards and Specifications Unit of the Project Development Branch. The instructions for use on CDOT construction projects appear below.

Other agencies that use the *Standard Specifications for Road and Bridge Construction* to administer construction projects may use this special provision as appropriate and at their own risk.

**Instructions for use on CDOT construction projects:**

Use this standard special provision on projects with concrete pavement.

In subsection 412.13(b)2, after the last paragraph, add the following:

The Engineer will witness the use of the MIT-Scan-2 on the test section(s) and weekly section(s). The Contractor shall provide the Engineer a copy of the raw data files from the MIT Scan-2 prior to analysis, for verification of the Contractor’s analysis. Data files will be sent by the Engineer to DOT\_Profiles@state.co.us for analysis. The Contractor’s analysis and the Department’s analysis will be compared, and if the bar alignments and joint score for each joint match, the Contractor’s analysis will be approved. If the Contractor’s analysis is not approved, analysis procedures will be reviewed and the Contractor may be required to re-test the joints representing the data. A minimum of 10 percent of the sections or test sections will be evaluated for verification by CDOT Staff Materials.