July 31, 2014

REVISION OF SECTIONS 101, 508, 614 AND 710

TREATED TIMBER

**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 for 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 CDOT’s Standards and Specifications Unit. The instructions for use on CDOT construction projects appear below.

Other agencies which 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 in projects having treated timber, including timber structures, timber sign posts, wood sound barrier, wood fence posts, and wood guardrail posts.

July 31, 2014

REVISION OF SECTIONS 101, 508, 614 AND 710

TREATED TIMBER

Sections 101, 508, 614 and 710 of the Standard Specifications are hereby revised for this project as follows:

In subsection 101.01 delete AWPA and replace with the following:

AWPA American Wood Protection Association

Delete subsection 508.03 and replace with the following:

**508.03 Treated Timber.** The preservative to be used shall be as specified on the plans. The preservatives and entire treatment process shall be as described in AASHTO M 133.

In subsection 508.05, delete the last sentence and replace with the following:

All hardware, except timber connectors and common nails, shall be galvanized in accordance with AASHTO M 232.

In subsection 508.06 delete the second paragraph and replace with the following:

Treated timbers shall not be sized or trimmed in the field, except when ordered. The Contractor shall not make temporary use of treated timber. All pieces that have been field cut shall be treated in accordance with AWPA Standard M4.

Delete subsection 508.07 and replace with the following:

**508.07 Holes and Bolts.** All holes bored shall be treated in accordance with AWPA M4. Holes drilled for drift bolts shall be 1/32 inch smaller than the diameter of the bolt. All other holes shall be bored to such size as to ensure a snug fit. Unless otherwise designated, all bolts shall be provided with two ogee washers.

In subsection 614.02, delete the fourth paragraph and replace with the following:

Underground portions of timber sign posts, plus at least 6 inches above groundline, shall be treated according to AWPA Standard M4.

In subsection 710.06, delete (4) and (5) and replace with the following:

1. Treatment. The selected species shall be pressure treated lumber conforming in all respects to the AWPA Standard U1, Commodity Specification A: Sawn Products and AWPA Commodity Standard B: Posts. (Ground contact for posts, above ground for balance of fence). A treatment report is required from the treatment plant.
2. Preservative. AASHTO M-133.

Delete the first paragraph of 710.07 and replace with the following:

**710.07 Fence Posts.** Wood posts shall conform to the details and dimensions indicated on the plans. Wood posts shall be straight, sound, and seasoned with ends sawed off square or as indicated. All knots shall be trimmed flush with the surface. Wood posts shall be peeled and shall be treated with preservative in accordance with AASHTO M 133. When native cedar posts are called for on the plans, the requirements for peeling and for treating may be omitted.