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| REVIEW OF NEW SPECIFICATION OR SPECIFICATION CHANGE  | 508-2 |
| **Specification Section No.:** 508, 614 and 710 | **Item:** Treated Timber |
| **Originating Office:** Project Development Branch | **By:** Sagar/Brinck |
| **Date Sent For Review:** 12/4/17 | **Date Comments Due: 1/2/18** |
| Submit response to: STANDARDS AND SPECIFICATIONS UNIT, DIVISION OF PROJECT SUPPORT 4TH FLOOR, CDOT HEADQUARTERS |
| **Vote****/N** | **Concurrent Reviews – Others Commenting** | The attached Draft Specification is submitted for your review and comments. If not returned by Date Comments Due, the draft specification will be considered to be approved unless the Standards and Specifications Unit of the Project Development Branch [(303) 757-9474, (303) 757-9402] is advised otherwise.**REMARKS:** If these proposed changes are approve, our unit will issue these in a new standard special provision for use in all projects. |
|  | **Spec Committee Members:** |  **✓** |
|  | Co-Chairman: Lacey |  |
|  | Region 1: Quirk |  |
|  | Region 1: Lucerna |  |
|  | Region 2: Pieper |  |
|  | Region 3: Jean |  |
|  | Region 4: Boespflug |  |
|  | Region 5: Valentinelli |  |
|  | Project Development: Lacey |  |
|  | Specifications: Brinck |  |
|  | Bridge: Pott |  |
|  | Contracts & Market Analysis: Atamo |  |
|  | Materials: Vacant |  |
|  | Traffic Engineering: Matthews |  | REVIEWER COMMENTS:( ) Approved ( ) Disapproved ( ) ModifiedIf disapproved or modified, give reason why and show any modifications on the attached draft copy: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ Name/Signature Date |
|  | Maintenance: Weldon |  |
|  | FHWA: Larson |  |
|  | Attorney General: Milan |  |
|  |  |  |
|  | **Others:** |  |
|  | Colorado Contractors Assoc.: Moody |  |
|  |  |  |
|  | **Technical Committees:** |  |
|  | PDAC |  |
|  | Drainage Advisory Committee (DAC) |  |
|  | Water Quality Advisory Committee (WQAC) |  |

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| **COLORADO DEPARTMENT OF TRANSPORTATION****SUBMITTAL OF NEW SPECIFICATION OR SPECIFICATION CHANGE** | Log No. (Assigned by Standards and Specifications Unit)508-2 |
| TO: Standards and Specifications Unit, Project Development, Suite 290 | FROM:Standards and Specifications Unit(Region, Branch or Technical Committee) |
| SPECIFICATION SECTION NO.504, 614 and 710 | ITEMTreated Timber | Priority Routine[x]  Fast[ ]  |
| Reason for this new or changed specification:In accordance with the recommendations of the Treated Wood Council, this new standard special provision will update conformance requirements for treated timber to current accepted standards.  |
| New or Revised Specification:See attached. |
| Note: See Procedural Directive 513.1 for a description of appropriate specification development procedures. |

 **CDOT Form 1215 10/01**

<<date>>

REVISION OF SECTIONS 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 all projects.

<<date>>

REVISION OF SECTIONS 508, 614 AND 710
TREATED TIMBER

Sections 508, 614, and 710 are hereby revised for this project as follows:

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 or AWPA Standards.

Delete the first paragraph of subsection 508.04 and replace with the following:

**508.04 Inspection.** All timber furnished shall be covered by a certificate of inspection issued by an ~~approved~~ American Lumber Standard Committee (ALSC) or the International Accreditation Service (IAS) accredited inspection agency. Inspection approval shall be marked on each piece.

Delete the third paragraph in subsection 614.02 and replace with the following:

All sign posts shall be pressure treated according to AASHTO M-133 or AWPA Standards. All cuts, holes, and other related modifications made to the posts shall be treated in accordance with AWPA M-4.

Delete the first paragraph in subsection 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 or AWPA Standards. When native cedar posts are called for on the plans, the requirements for peeling and for treating may be omitted.

In subsection 710.08, delete (a) and replace with the following:

Wood posts shall be fabricated from an approved or specified timber species and shall be of the quality, diameter or section, and length as specified or as shown in the Contract. Treated posts shall be fabricated or framed before treatment, and shall conform to the requirements of AASHTO M 133 or AWPA Standards.