

SECTION 00165 - QUALITY OF MATERIALS

(Follow all instructions and make all edits with “Track Changes” turned on. If there are no instructions [purple text] above a subsection, paragraph, sentence, or bullet, then include it in the project. Delete all purple text before preparing the final document. All other modifications to this Section will require State Specifications Engineer approval and the State Specifications Engineer will obtain approval from the Department of Justice.)

(When the project is by a Local Agency and the work could be done using Type D or Type E Materials testing, get approval from the ODOT Quality Assurance Engineer and Region Quality Assurance Coordinator to use Type D or Type E Materials testing.)

(Obtain language for Type D or Type E testing from the State Specifications Engineer. Do not include language for Type D or Type E testing without first obtaining approval from the State Specifications Engineer.)

Comply with Section 00165 of the Standard Specifications modified as follows:

00165.10(b) Nonfield-Tested Materials – Replace this subsection, except for the subsection number and title, with the following:

Nonfield-tested Materials will be accepted according to the ODOT Nonfield Tested Materials Acceptance Guide (NTMAG), unless otherwise specified in the Contract. The NTMAG is available on the ODOT Construction Section website (see 00110.05(e)). The most current version of the NTMAG on the date of Advertisement is the version in effect for the Project.

(1) Rejections – The inspection at the mill, shop, or precaster of any Material, Work or finished members will not prevent subsequent rejection, if later found damaged or defective, nor relieve the Contractor of the responsibility to correct or replace the Work at no additional cost to the Agency.

(2) Transport – Do not ship members or piece of fabricated steel or precast member, that requires a fabrication inspection report, without the Inspector's label or marking.

~~*(Use the following subsection .15 when the project meets the criteria and has been selected by the Contract Administration Unit to use AASHTOWare™ during the Construction phase. When a project meets the criteria seven Sections (00110, 00150, 00160, 00165, 00170, 00195 and 00210) of the boilerplate have AASHTOWare™-related language that needs to be included in the project special provisions. Contact the State Specifications Engineer with any questions. State Specifications Engineer must approve the use of the following subsection for use on the project.)*~~

Add the following subsection:

00165.15 AASHTOWare™ – Field-tested Materials and Nonfield-tested Materials will be tracked within AASHTOWare Project™ for this Project. The acceptance criteria for Materials in AASHTOWare Project™ can be viewed at the <https://www.oregon.gov/odot/Business/Pages/AASHTOWare-Project.aspx> (see 00110.05(e)). The most current version of AASHTOWare™ on the date of Advertisement is the version in effect for the Project.

~~*(Use the following subsection .20 when the project meets the criteria and has been selected by the Contract Administration Unit to use AASHTOWare™ during the Construction phase. When a project meets the criteria seven Sections (00110, 00150, 00160, 00165, 00170, 00195 and 00210) of the boilerplate have AASHTOWare™-related language that needs to be included in the project special provisions. Contact the State Specifications Engineer with any questions. State Specifications Engineer must approve the use of the following subsection for use on the project.)*~~

00165.20 Materials Specifications and Test Method References - Replace this subsection, except for the subsection number and title, with the following:

References to materials specifications and test methods of ODOT, WAQTC, AASHTO, ASTM, other governmental agencies, or other recognized organizations mean those officially adopted and in current use by the agency or organization on the date of Advertisement.

If there are conflicting references, or if no reference is made to materials specifications, sampling and testing frequencies, or test method, the Engineer will resolve any discrepancies between these documents in the following orders of precedence:

Field-Tested Materials:

- Contract Change Orders;
- Special Provisions;
- ODOT Laboratory Manual of Test Procedures;
- MFTP;
- Standard Specifications; and
- AASHTOWare™

Nonfield-Tested Materials:

- Contract Change Orders;
- Special Provisions;
- ODOT Laboratory Manual of Test Procedures;
- Standard Specifications; and
- AASHTOWare™

Material test methods:

- ODOT;
- WAQTC;

- AASHTO;
- ASTM;
- Other recognized national organizations, such as ANSI, AWWA, IMSA, ISSA, and UL; and
- Industry standards in the location where the Work is being performed.

Sampling and testing frequencies:

- Contract Change Orders;
- Special Provisions;
- MFTP;
- Standard Specifications; and
- AASHTOWare™.

If the Contractor identifies conflicting references or if no reference is made, the Contractor shall immediately request a clarification from the Engineer.

00165.35(d) Certificate of Origin of Steel Materials - Replace this subsection with the following subsection:

00165.35(d) Certificate of Origin of Steel Materials, Construction Materials, and Manufactured Products - When a certificate of material origin is specified, complete the form furnished by the Engineer as required by 00160.20.

00165.35(e) Certificate of Origin of Construction Materials - Delete this subsection.

00165.91 Fabrication Inspection Expenses - Replace the table with the following table:

TABLE 00165-3		
Zone	Place of Fabrication	Reduction in Payment
1	All of State of Oregon, and the portion of the State of Washington within 50 airline miles of Portland International Airport (PDX)	\$0
2	Outside of Zone 1, and up to 250 airline miles of Portland International Airport (PDX)	\$300 per Calendar Day
3	Outside of Zone 2, up to 1,000 airline miles of Portland International Airport (PDX).	Round trip coach airfare from Portland, Oregon plus \$300 per Calendar Day
4	Outside of Zone 3, or outside of the continental United States.	Round trip coach airfare from Portland, Oregon plus \$500 per Calendar Day

