

TABLE OF CONTENTS

- Revised

SECTION 1300 REVISIONS

- **Section 1302.3 Design Designation**

Per the **Office of Roadway Engineering**, verbiage referring to the *Location and Design Manual, Volume 1, Section 901* was removed from the 6th paragraph.

- **Section 1307.1 General**

NAME CHANGE

The spreadsheet *GENSUM_VBA_Trnsport.xls* is now called *GENSUM_VBA_AASHTOWare.xls*.

Revised 2nd and 3rd paragraphs as follows:

As of the first letting of February 2014, the General Summary for all single-funded projects shall be required in an Excel format using the standard spreadsheet, GENSUM_VBA_AASHTOWare.xls, available on the Office of CADD and Mapping Services' CADD external webpage. This Excel spreadsheet will be used to transfer all quantities directly into ODOT's Office of Estimating's *AASHTOWare* software. **All** quantities must be carried to the *GENSUM_VBA_AASHTOWare.xls spreadsheet* (i.e., pavement, retaining walls, structures). Any quantities that are not included in *this spreadsheet* will **not** be included in the Engineer's Estimate. *The GENSUM_VBA_AASHTOWare.xls spreadsheet must be transmitted in the delivery of the Plan Package.* It is recommended that all multi-funded projects use this Excel spreadsheet as well.

During the transition to this requirement, any new General Summaries that are created must use the *GENSUM_VBA_AASHTOWare.xls* Excel spreadsheet. Any existing General Summaries can be completed in the method they were started with. The spreadsheet must then be placed into a CADD file. For more detailed information, see Section 502.1 of the ODOT CADD Engineering Standards manual.

- **Section 1307.2.3 Item Code, Unit of Measure, and Description**

Added verbiage as shown below:

When separate general summary sheets are used in the plans, all quantities must also be carried to the standard GENSUM_VBA_AASHTOWare.xls spreadsheet. This excel spreadsheet is used to transfer plan quantities directly into ODOT's Office of Estimating's AASHTOWare software. Therefore, all quantities must be carried to this spreadsheet (i.e., pavement, retaining walls, structures, etc.). Quantities which are not carried to the GENSUM_VBA_AASHTOWare spreadsheet will not be included in the Engineer's Estimate. For more information on the GENSUM_VBA_AASHTOWare.xls spreadsheet, see Section 502.1 of the ODOT CADD Engineering Standards manual.

Structures - Added the following verbiage:

- Providing a separate general summary for each bridge within the bridge sheets with a reference from the General Summary to the structure General Summary. *When separate general summary sheets are used in the plans, all quantities must also be carried to the standard GENSUM_VBA_AASHTOWare.xls spreadsheet. This excel spreadsheet is used to transfer plan quantities directly into ODOT's Office of Estimating's AASHTOWare software. Therefore, all quantities must be carried to this spreadsheet. Quantities which are not carried to the GENSUM_VBA_AASHTOWare spreadsheet will not be included in the Engineer's Estimate. For more information on the GENSUM_VBA_AASHTOWare.xls spreadsheet, see Section 502.1 of the ODOT CADD Engineering Standards manual.*

- Using a combined structure general summary that splits out quantities for each bridge; also with a reference from the General Summary. *All quantities must also be carried to the standard GENSUM_VBA_AASHTOWare.xls spreadsheet. See Section 1307.1 for more information.*
- Including structure quantities broken out by bridge number on the General Summary. *See Section 1307.1 for more information.*
- **Section 1307.4.3 Rounding of Quantities**
Per the Office of Roadway Engineering, revised verbiage from:
Type 1, Type 3, and TST Bridge Terminal Assemblies have a length of 18.75' which does not utilize W-beam guardrail panels. Since the length of W-beam guardrail used in conjunction with these Bridge Terminal Assemblies must be in multiples of 12.5', the total length of run (including the 18.75' length discussed above) should be an odd multiple of 6.25'.

To:
The old Type 5 guardrail Bridge Terminal Assemblies, Type 1, Type 3, and TST, have a length of 18.75' which does not utilize W-beam guardrail panels. Since the length of Type 5 W-beam guardrail used in conjunction with these Bridge Terminal Assemblies must be in multiples of 12.5', the total length-of-run (including the 18.75' length discussed above) should be an odd multiple of 6.25'. The Bridge Terminal Assembly lengths are NOT included in the quantities for the overall MGS.
- **Section 1309.3.3 Roadway Items**
Per the Office of Roadway Engineering, second bullet point was revised to include *concrete barrier* in addition to guardrails and fences.
- **Section 1309.4.2 Roadway Items**
Per the Office of Roadway Engineering, added the following verbiage in a new bullet point:
 - *Concrete barrier – Label terminal stations, end anchorages, transitions, and end treatments like impact attenuators.*