

Design Advisory

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This advisory is superseded by any subsequent revisions to the references listed in this index.

Questions regarding this Design Advisory should be directed to:

For further information regarding updating or recreating project quantities from the exported XML, please contact:
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or

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AASHTOWare Project Preconstruction v3.01 and Breakdown ID Replacement

AASHTOWare Preconstruction (Trns-port) will be updated in August 2017. As part of this update, Preconstruction will no longer have breakdown ID functionality in the software. All reports historically generated with breakdown IDs will not be available, including the following:

- Cost Query Scoping Itemized Estimate
- Scoping Project Concept Estimate
- Breakdown Items List
- List of Project and Breakdown Items
- Breakdown Summary
- Quantity Summary Sheet

New Project Deliverable

In response to the change in the software (anticipated late August), the Michigan Department of Transportation is requiring that final submittals after August 1, 2017 submit project quantities to the Supporting Documents (in ProjectWise) in an XML format using one of the following methods:

1. [MDOT Project Quantity Spreadsheet \(PQS\) Guidance Document](#)
2. [AASHTO Stand-Alone PES Worksheet \(SAPW\) Guidance Documents](#)

This new deliverable is required to replace the Quantity Summary Sheet that is currently located in the Proposal and generated from Preconstruction by Specs & Estimates. The project quantity XML that is submitted by the design team will be utilized to generate this deliverable and will be placed in the Project Reference Information Documents (RID) by Specs & Estimates.

Project quantity changes that occur after the project has been submitted to Specs & Estimates for final review will require an updated XML submittal.

Project Quantities (Replacing Breakdown IDs)

At this time, project quantities are required for all trunkline projects as follows:

- Bridge – Each bridge will have at least one unique category in Preconstruction. The bridge NBI (National Bridge Inventory) identification number will be added in the description of each category. If a bridge has more than one funding package (e.g. combination of funding sources), it will have a separate category for each funding package. Preconstruction will allow users to filter by the NBI number in the category description in order to report the aggregate cost for each bridge.
- Non-Bridge – Project quantities will still reference the plan sheet number that the quantity falls on similar to Breakdown IDs.

Projects Currently in Preconstruction

Once the Preconstruction software is upgraded, all existing Breakdown ID information for projects in development will be lost. For these projects, it is required that prior to August 1st, Project Managers export all Breakdown IDs to XML for preservation by using the following method published in the Plan Development website [Exporting an XML File](#). For further information regarding updating or recreating project quantities from the exported XML, please contact Preconstruction-Admin@michigan.gov.

****REQUIRED ACTION** ALL PROJECTS IN THE DESIGN PHASE THAT HAVE BREAKDOWN ID DATA CURRENTLY IN PRECONSTRUCTION MUST BE EXPORTED TO AN XML FILE PRIOR TO AUGUST 1, 2017.**