

INSTRUCTIONS FOR IMPORTING SCDOT BrR LOAD RATING TEMPLATES

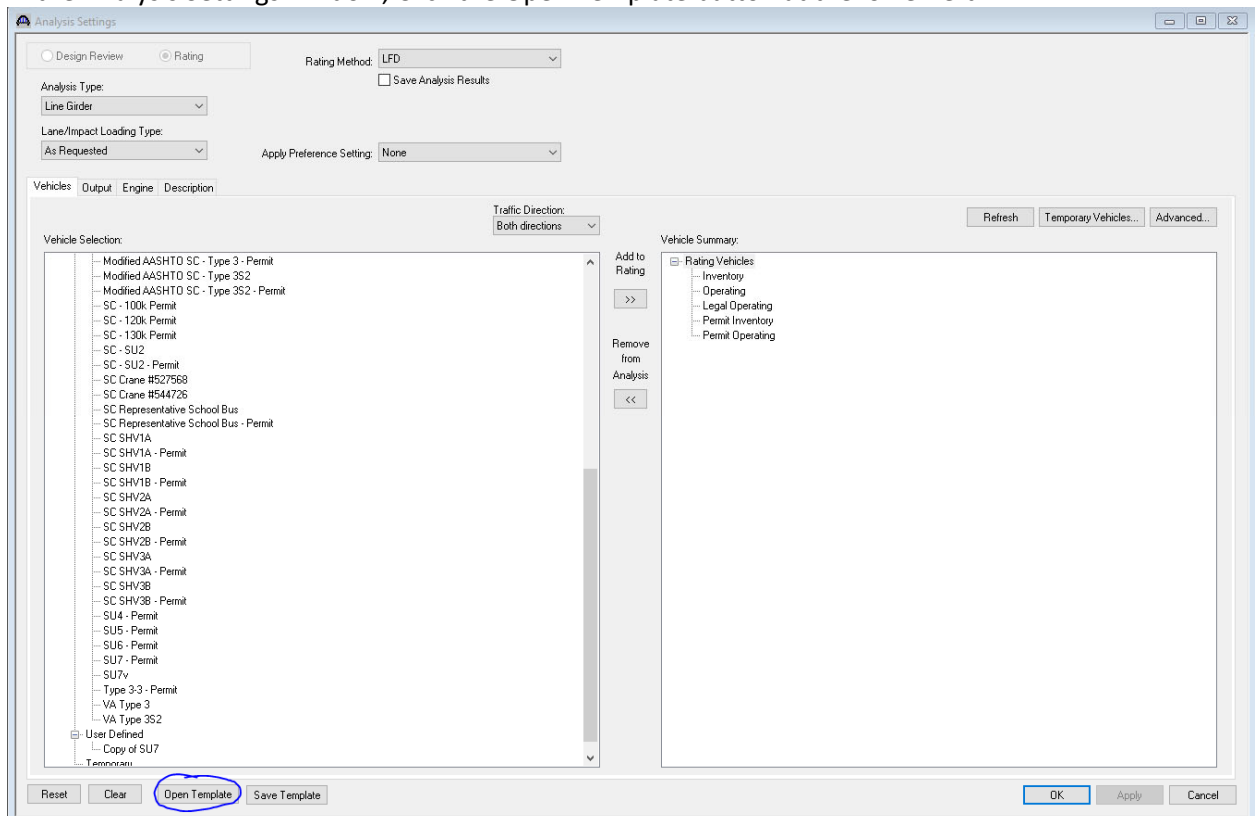
December 2019

This document explains the process for importing and using the SCDOT load rating templates and agency truck definitions into the BrR library. There is a total of 10 load rating templates, split into 2 analysis types: Line Girder and 3D FEM. Each analysis type contains 5 templates: 1 for performing LFR/ASR ratings and 4 for performing LRFR ratings (depending on the span configuration):

- SCDOT LFR Rating
- SCDOT LFR Rating FEM
- SCDOT LRFR Multi Span < 200 ft
- SCDOT LRFR Multi Span > 200 ft
- SCDOT LRFR Multi Span < 200 ft FEM
- SCDOT LRFR Multi Span > 200 ft FEM
- SCDOT LRFR Simple Span < 200 ft
- SCDOT LRFR Simple Span > 200 ft
- SCDOT LRFR Simple Span < 200 ft FEM
- SCDOT LRFR Simple Span > 200 ft FEM

If there are existing SCDOT analysis templates already in your BrR library, the only way to avoid duplication errors is to delete the existing SCDOT analysis templates prior to importing the new ones. To do this, perform the following:

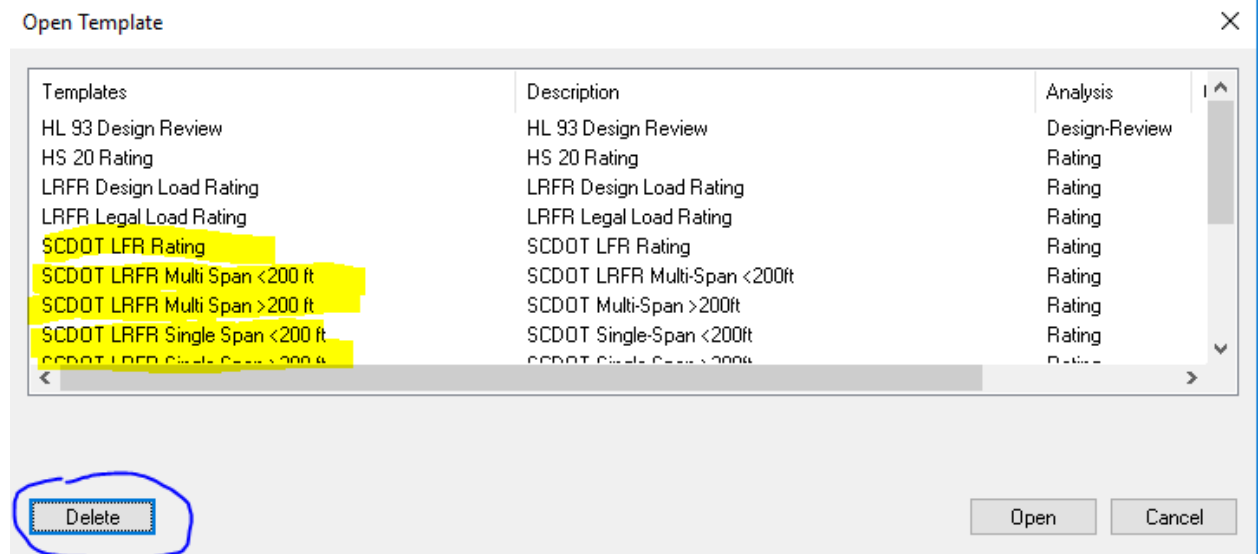
1. Open the BrR “Bridge Explorer” workspace and choose any Bridge ID and right click and select *Rate*
2. In the Analysis Settings window, Click the Open Template button at the lower left...



INSTRUCTIONS FOR IMPORTING SCDOT BrR LOAD RATING TEMPLATES

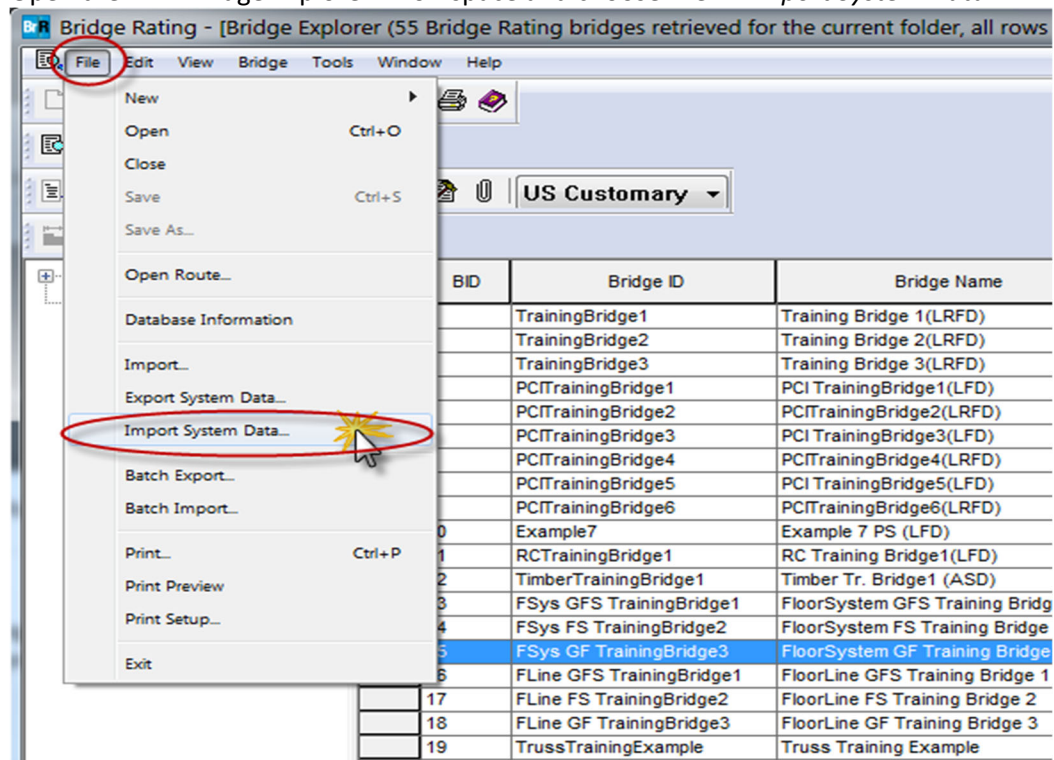
December 2019

3. Select each existing SCDOT template and click on Delete (you will need to do this for the 5 SCDOT templates currently on your BrR)



To import the rating templates and SCDOT truck definitions, perform the following:

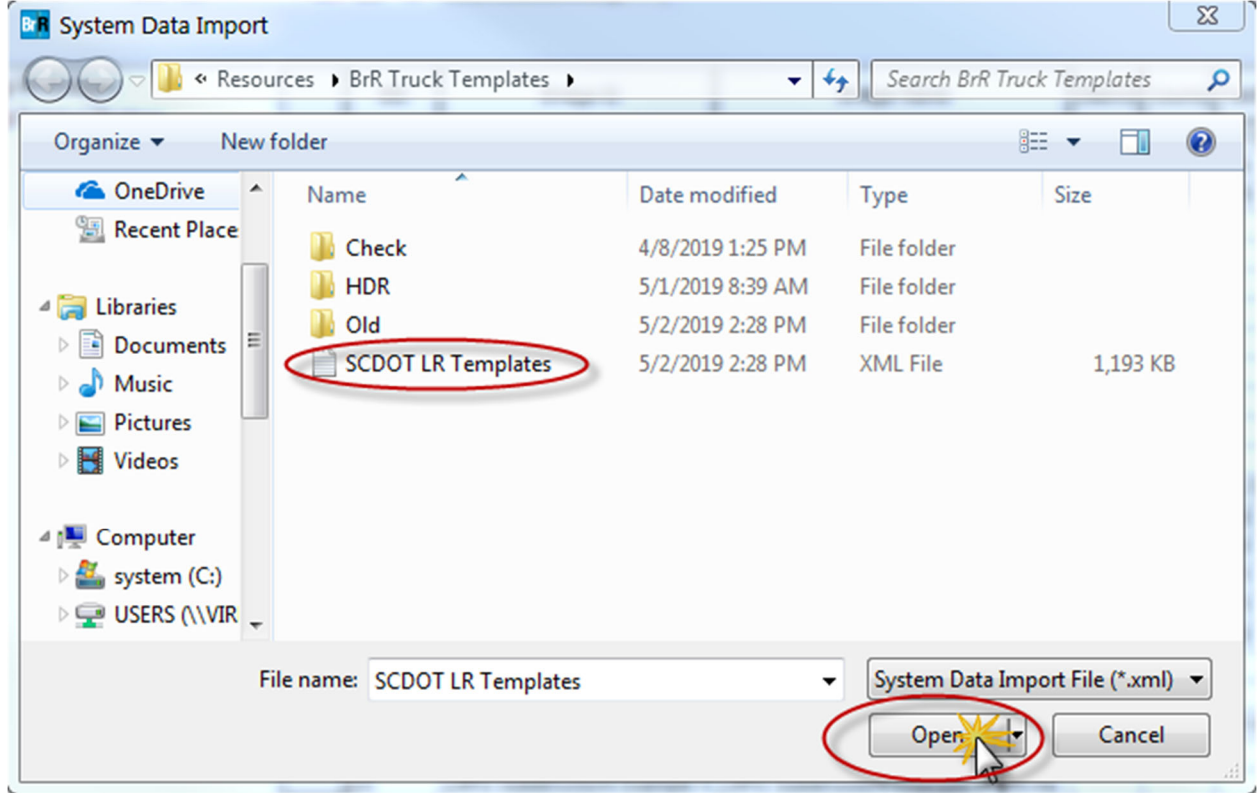
1. Open the BrR "Bridge Explorer" workspace and choose *File* → *Import System Data...*



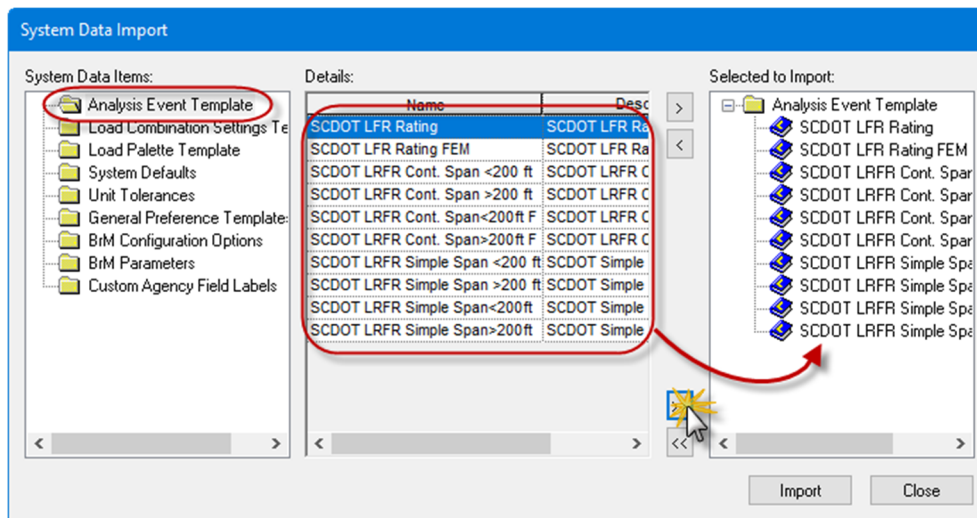
INSTRUCTIONS FOR IMPORTING SCDOT BrR LOAD RATING TEMPLATES

December 2019

2. Navigate to where a copy of the “*SCDOT LR Templates.xml*” file is saved. Select the file and click **Open**:



3. In the “System Data Import” window, choose *Analysis Event Template* and you will see all 10 rating templates displayed. Click the double-arrows to drag all 10 templates into the “Selected to Import” window:



4. Click the **Import** button. A message will be displayed showing the result of the import. Click **OK**.