Refined Analysis Rating Form

## In Addition to this form, submit electronic analysis files (eg. .MDX, .bdb)

# Analysis File Summary (fill out for each analysis file submitted)

|  |  |
| --- | --- |
| Analysis Type: | Grid/Grillage  Plate & Ecc. Beam  3D FEM  Other *(describe below)* |
| Analysis Program: | MDX  AASHTOWare  CSI Bridge  LARSA  Other |
| **Program Version:** |  |
| **File Name:** |  |
| **File Description:** | Describe the purpose of the file. Example: This file is used for the Wis-SPV rating using single lane distribution. |
| **Analysis Assumptions:** | Highlight key assumptions in modeling. (This section may be omitted if submitting MDX or AASHTOWare analysis files. This section may also be omitted if submitting separate document containing analysis assumptions and results). Example of things to include: a description of the finite element model, simplifications made to model, exceptions to original design plans, loads applied, how loads are applied (e.g. equally distributed to all girders), support conditions, composite/non-composite sections. |
| **Summary of Results:** | Summarize results. (This section may be omitted if submitting MDX or AASHTOWare analysis files. This section may also be omitted if submitting separate document containing analysis assumptions and results). Provide table of results for service load reactions, moment, shear, and/or stress output for members at 10th points (minimum) for the appropriate load cases. Provide a table of capacities at each 10th point, such that load ratings can be directly computed with appropriate load and/or resistance and impact factors. Provide example or typical calculations. |