



Road Restraint Risk Assessment Process:

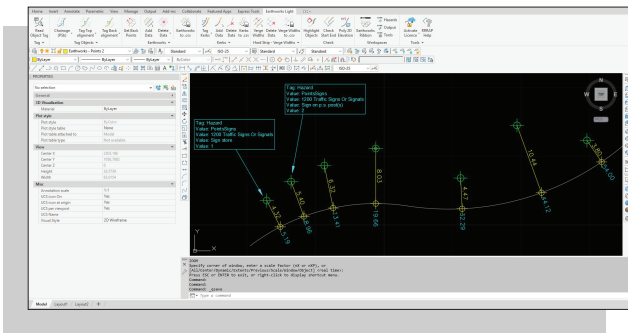
RRRAP Assist is an add-on for AutoCAD that automates the submission process to the RRRAP website. Upon generating the barrier output file RRRAP Assist can import the VRS Design into your model / drawing.



AutoCAD

RRRAP Assist is compatible with AutoCAD 2023 & and Civil 3D 2023

- Supports The Road Restraint Risk Assessment Process (**RRRAP**).
- Supports designers in assessing whether a Vehicle Restraint System (VRS) is required in accordance with **CD 377**.
- Output .csv files ready for upload to web-RRRAP.
- Import **web-RRRAP** output file to automatically **create VRS** design.
- Single-button press for Critical slope height location identification.

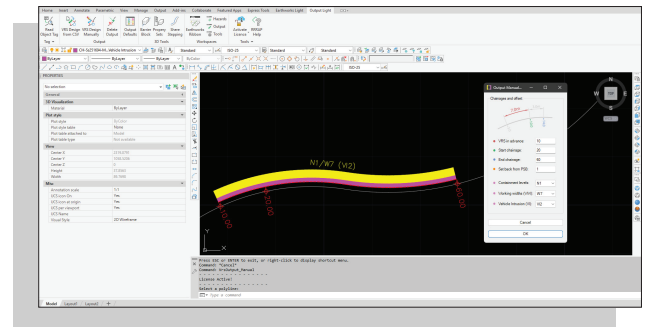


Tagging Hazards:

Hazard Categories can be defined and added to create a RRRAP Assist output, so the RRRAP can evaluate the risk. The software allows hazards to be tagged with 'Nature of Hazard' in accordance with Web-RRRAP which allows it to be taken off for upload to Web-RRRAP.

Manual output:

You can also create a single VRS design manually using a dialogue in RRRAP Assist. This allows you to enter the required parameters directly, including restraint system details, set-back/offset values, and any working-width or vehicle intrusion envelopes where needed, to generate a single output without using an imported file.



Property Sets:

RRRAP Assist adds property set data to 3D barriers in Autodesk Civil 3D, embedding key asset information such as type, specification, and status. This creates intelligent BIM objects that support consistent reporting and asset management.

