

Curvature Master Data Information

The curvature master dataset contains the Interstate network's curvature data which is a combination of TrackData and curve sheet data and supersedes both sources.

A validation of the data was also undertaken, comparing the data to AK Car curvature and super elevation traces. A result of this validation is an added field called 'Rating' indicating:

- A: Design which matches observed track placement
- D: Design has minor differences to observed track placement, not affecting design cant and radius
- E: Design has significant locational or design difference to observed track placement
- G: No validation available due to data issues (very few, and will be removed shortly)

It is intended that these ratings serve as a flag for users that the data may not be reliable, and to identify opportunities for future improvements through re-design or tracking down as-built data.

This csv file is to be the one source of truth for curvature data for tamping, maintenance and project work. This is an interim solution and will be replaced in the future by a permanent solution implemented incorporating the GIS.

A process for generating F-sheets directly from this data has been created, and F-sheets are available on request, and will be shortly uploaded beside the dataset on the extranet.