

Consistent Condition Data Collection – survey rules and scenarios

September 2025

SURVEY RULES: GUIDING PRINCIPLES

- Safety – For the public and the surveyors
- Effectively and efficiently – Good quality data for RCAs
- Consistency – Apply the same rules for all RCAs
- Data management – Road classification (One Network Framework) errors or inconsistencies
- Exceptional situations – Respond to the circumstances of the site

SCENARIOS

1) Unsealed road with short sealed section at intersections

Problem:

- Need to find safe turn around location
- Difficult getting up to survey speed over a short section
- Often gravel or dust has migrated onto the sealed section resulting in a false reading

Rule:

- Do not survey if seal length <150m



2) Sealed sections within unsealed roads

Problem:

- Often gravel has migrated onto the sealed section resulting in a false reading
- Damage to equipment
- Examples: approaches to bridges and bridge decks; dust seals



Rule:

- If <300m sealed: Do not survey
- If >300m sealed but <1000m: Do not survey if travel >1km on unsealed road
- If >1000m: Do not survey if travel >3km on unsealed road

3) Disjointed high class network

Problem:

- High class roads should ideally join up to form continuous lengths

Rule:

- Manually change hierarchy
- This will not impact the classification in RAMM.



4) Through lanes

Problem:

- Accelerating/braking to/from survey speed over short length
- Need to find safe turn around location to repeat runs through intersections
- Examples: turning lanes; passing lanes; downstream lanes from intersections; laybys



Rule:

- Survey highly trafficked through lane/s
- Do not survey short lanes <100m