

Highways Data Readiness Checklist

Temporary traffic management schemes generate valuable data every day, but collecting the right information is essential to making informed decisions. From monitoring vehicle movements and protecting workers to tracking environmental conditions and responding to incidents, data gives councils greater visibility across their network and helps them manage projects more proactively.

Use this checklist to assess whether your current traffic management strategy is capturing the information needed to improve decision-making, demonstrate compliance, and keep road users and workers safe.



Traffic Visibility Data

Are you collecting?

- Traffic conditions
- Traffic flow
- Congestion hotspots
- Road user behaviour through works areas

Why it matters:

Improves traffic management, supports operational decisions and provides evidence when responding to public complaints or stakeholder enquiries.



Road Safety and Incident Data

Are you collecting?

- Near misses
- Vehicle incursions
- Work zone safety events
- Incident timestamps and footage

Why it matters:

Supports investigations, improves future planning and helps reduce risks to workers and road users.



Vehicle Movement and ANPR Data

Are you collecting?

- Vehicle movements
- Vehicle speeds
- Number plate information
- Unauthorised vehicle access

Why it matters:

Provides evidence for investigations, improves retrospective traffic flow analysis and strengthens work zone safety.



Weather and Environmental Data

Are you collecting?

- Rainfall and wind speed
- Temperature
- Visibility
- Flooding conditions

Why it matters:

Enables proactive planning, safer working conditions and faster responses to changing site conditions.



Air Quality and Noise Monitoring

Are you collecting?

- Dust levels
- Air quality
- Noise levels
- Environmental threshold breaches

Why it matters:

Supports environmental compliance, protects workers and nearby communities and provides evidence for regulatory reporting.



Workforce Safety and PPE Compliance

Are you collecting?

- PPE compliance
- Unsafe behaviours
- Restricted area access
- Worker safety incidents

Why it matters:

Improves workforce safety, strengthens compliance and reduces project risk.



Security and Asset Protection Data

Are you collecting?

- Unauthorised access
- Equipment theft and vandalism
- Fire and smoke events
- Out-of-hours activity

Why it matters:

Protects valuable traffic management assets, reduces project disruption and improves site security.



Centralised Reporting and Dashboards

Are you collecting?

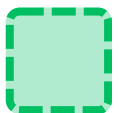
- Live camera feeds
- Incident reports
- Environmental data
- Security events
- Historical project data

Why it matters:

Enables proactive planning, safer working conditions and faster responses to changing site conditions.

Quick Assessment

How many boxes can you confidently tick?



7-8

Your projects are supported by a strong, data-driven monitoring strategy.



4-6

You're collecting valuable information, but there are areas to improve.



0-3

Limited data collection may be affecting your ability to manage projects.

