



METRO

Haul Route Crossings

A temporary traffic control system for safer haul route crossings.



 Temporary

 TRAFFIC
GROUP
SIGNALS

Metro

Haul Route Crossings

Haul Routes are temporary roads within a contractor's site area that allow for the movement of construction materials, plant and/or labour around the site.

Where contractors' vehicles, site equipment or materials need to be moved across (or on to) a public highway between or within a site a signalled haul route crossing is required.

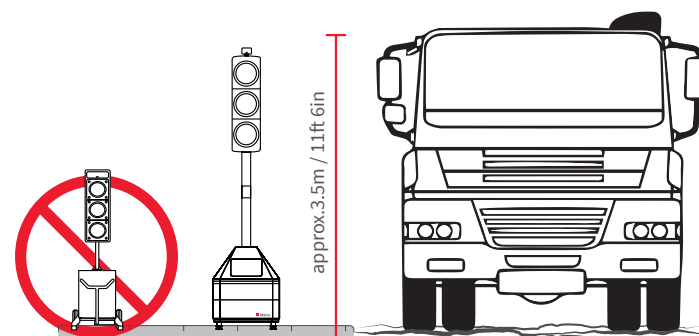
Traffic Group Signals present the Metro Haul Route system. The only wireless temporary traffic signal range that complies to haul route permit conditions*.

"Can I use Portable Signals?"

Portable signals (Diagram 3000.1)¹ not permitted under Type Approval regime due to the following safety issues:

- Conspicuity issues require Temporary signalling (Diagram 3000)¹ for Haul Routes.
- Safety issues on the public road approach also addressed by nearside and off-side signalling^{1,2}

These safety issues are fully addressed with the Metro Haul Route system.



*Where a specification is quoted.
1 DfT (2016) The Traffic Signs Regulations and General Directions, Pt. 2.1, P.392
2 DfT (2009) Traffic Signs Manual, Chapter 8, Ref. D3.23, P.45

The high visibility of Metro along with its numerous haul route functions make it the only choice for contractors looking to deliver safe and compliant construction sites.

KEY FEATURES

Dedicated Crossing Mode

Metro features a Crossing operating mode which supports the specific needs of standalone haul route crossings.

Arterial Reversion

Signals rest at green on the public highway in the absence of demand. This minimises impact on busy arterial routes.

Haul Route Hold-Off

The haul route can be configured with a simple hold-off period that limits how frequently the crossing will be serviced. This allows the needs of haul route traffic to be balanced against the needs of the public highway.

High Speed Capable

Roads with speed limits in excess of 30mph are considered 'high speed' and require special safety measures.

Metro uses **Time of Arrival (ToA)** technology within the **AGD306** radar to identify fast approaching vehicles which could be caused to brake excessively or pass through a transition to red signal. The system avoids such transitions, resulting in safer operation on high speed roads.

Active Channel Management

ACM continuously monitors all radio channels to ensure that the system is using the clearest available channel at all times to maintain strong communication between signal units.

The system seamlessly changes to a new channel if interference is detected or a clearer channel is identified.

Remote Management

The crossing is monitored at all times by TMdesk, with remote activation and part-time operation possible with TMdesk Pro. With TMdesk, Traffic Managers, Highways Authorities and Main Contractors can collaborate over a shared view of the site and the associated Audit Trail.

Plan your Crossing with Signal Studio

Signal Studio allows Haul Route Crossings to be designed and signals to be positioned onto a site map or TM plan. The Signal Studio Data Pack download contains layout details and kitting lists that simplify deployment and Highway Authority approvals.



Available to hire now

The Metro Haul Route Kit is available exclusively on a hire-only basis.

We partner with Traffic Management companies to help plan, configure and deploy the safest and most efficient signal controlled worksites.

Contact your Commercial Manager or the below to discuss your requirements.

For more information

Visit: [TrafficGroupSignals.com](https://www.trafficgroupsignals.com)

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