

## Vehicle/ Traffic routes

Accidents involving site vehicles are commonplace. Vehicle/traffic routes must be clearly signed, indicating routes, hazards and warnings, speed limits, and including road markings where possible. They should also be of sufficient size/width to accommodate the largest required construction vehicle and peak construction vehicle traffic movements.

Routes must be:

- Planned and designed to ensure a one-way flow of traffic (if possible).
- Set out to reduce the need for reversing manoeuvres.
- Kept a sufficient distance away from any excavations.
- Set at a suitable gradient for the construction vehicles to operate safely especially on steeply sloping sites.
- Constructed with speed control measures such as speed ramps incorporated as necessary which are suitable for the construction vehicles in use.
- Suitably constructed to ensure the safe movement and operation of any construction vehicle likely to use the route.
- Maintained in good condition, of an even surface and free of hazards. Where hazards cannot be removed from the vehicle route, they should be signed, barriered and, if necessary, lighting provided.

Designers can consider the existing and permanent site road layouts with regards to the above. Temporary road finishes are better than temporary roads. Utilities in the site roads can lead to considerable disruption and safety hazards when access trenches required.

