

## Traffic Safety on Construction Sites

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If no proper traffic management plans is formulated on site, it may lead to traffic accidents resulting in serious injuries or even fatalities. Therefore, persons responsible for construction sites, drivers and pedestrians should adopt / pay attention to the following safety measures to prevent accidents from happening:

### Persons responsible for construction sites should:

- Develop a comprehensive construction site traffic management plan, including devising safe entrances and exits, traffic routing, etc to reduce associated risk.
- Set up gate or other facilities at the entrance of vehicles to reduce the speed of vehicles and to prevent the entry of unauthorized vehicles.
- Set up proper segregation between pedestrian and vehicular passages and material dumping zone.
- Plan the site layout at the site planning stage to reduce the needs of reversing vehicles and sharp turn.
- Install sufficient warning signs in conspicuous positions.
- Install pedestrian warning signal system, if necessary .
- Ensure sufficient and appropriate road crossing points and facilities for pedestrians.
- Maintain the pavement and road surface in good conditions.
- Control the speed of vehicles within construction sites.
- Set up speed reduction device, for example, road speed bumps on site.
- Install reflecting mirror at turn or blind spot locations.
- Provide adequate and suitable road lighting.
- Keep the pedestrian way free of obstructions.
- If necessary, employ traffic control personnel to assist in managing site traffic condition.



#### Disclaimer

Whilst reasonable efforts have been made to ensure the accuracy of the information contained in this publication, the CIC nevertheless would encourage readers to seek appropriate independent advice from their professional advisers where possible and readers should not treat or rely on this publication as a substitute for such professional advice for taking any relevant actions.

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### Drivers should:

- Drive in prescribed path and follow traffic signals.
- Strictly follow the site traffic safety instructions, including speed limits and safety operation.
- Allow pedestrian to use the pathway first. Do not park vehicles in unauthorized area.
- Check vehicles every day before work. Report all the malfunctions.
- Reduce vehicle speed and pay particular attention during turning.
- When reversing a vehicle, if the sight is blocked, arrange traffic control personnel to control the traffic condition to avoid crashing pedestrian, other vehicles or the objects.
- Do not drive if not feeling well, such as lack of vision and concentration.

### Pedestrian should:

- Co-operate with the persons responsible for construction sites. Use pedestrian passages and facilities. Pay attention to vehicles in construction sites. Avoid getting close to vehicles and entrance gate.
- Strictly follow site traffic safety instructions.



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