Construction Traffic Management Plan

Land at Wrexham Road, Rhostyllen, Wrexham (Ref: P/2024/1386)
Condition 5 Discharge

Introduction

This Construction Traffic Management Plan (CTMP) has been prepared in support of Condition 5 attached to planning permission ref. P/2024/1386.

The purpose of this document is to demonstrate how construction related traffic associated with the development will be managed in a safe and controlled manner, ensuring minimal impact on the surrounding highway network and neighbouring residential areas.

The measures outlined within this plan will be implemented for the duration of the construction period.

Site Context and Access Strategy

The development site is located off Wrexham Road and benefits from three points of access, including an established access serving earlier phases of the development.

Once available, construction traffic will utilise two access points, allowing for the implementation of a managed one-way system where required. This approach will:

- Reduce vehicle conflict
- Improve traffic flow through the site
- Minimise disruption to existing residents

As the development progresses and residential occupation increases, the access strategy will be reviewed and adapted to ensure continued separation between construction and residential traffic.

Internal Road Network

The internal road network will be constructed at an early stage of the development.

This will:

- Provide a clean and durable surface for construction vehicles
- Reduce the risk of mud being tracked onto the public highway
- Allow clear routing of construction traffic away from sensitive areas

All construction traffic will be directed along defined internal routes, as illustrated on the approved construction management drawing.

Construction Traffic Routing and Management

Construction vehicles will:

- Enter and exit the site via designated access points only
- Follow clearly defined internal haul routes
- Be managed to avoid unnecessary interaction with residential areas

Where appropriate, a one-way routing system will be implemented to further improve safety and efficiency.

Vehicle movements will be managed to ensure:

- Safe entry and exit from the highway
- No obstruction to existing residential access

Workforce Parking and Vehicle Control

The site will accommodate a maximum of approximately 40 operatives, with vehicle numbers controlled through van sharing arrangements, resulting in an estimated maximum of 20 vehicles.

All contractor parking will be:

- Located within the site compound or designated construction zones
- Strictly controlled to prevent overspill onto surrounding roads

No contractor parking will be permitted within completed or occupied residential areas.

Site Compound and Logistics

A main site compound will be established within the site, as shown on the approved plan. This will include:

- Site offices
- Welfare facilities
- Toilets
- Contractor parking
- Material storage areas
- Mortar silos

As the development progresses, a secondary (future) compound area will be brought into use. This will allow construction activity to be relocated away from completed residential areas, maintaining safe separation between construction traffic and residents.

Pedestrian and Public Safety

Pedestrian safety is a key consideration throughout the construction process.

Measures will include:

- Full segregation of pedestrians and construction traffic at all times
- Use of Heras fencing and pedestrian barrier systems
- Clearly defined pedestrian routes through and around the site

The sales and marketing suite will be:

- Located separately from construction traffic routes
- Safely accessible to the public
- Managed to ensure no conflict with construction operations

Delivery Management

All deliveries will be:

- Directed to the site via approved access routes
- Managed to avoid peak traffic periods where practicable
- Coordinated to prevent congestion within or outside the site

Adequate space will be provided within the site to allow:

- Turning of vehicles
- Safe unloading
- No requirement for reversing onto the public highway

Highway Cleanliness and Maintenance

Measures will be implemented to ensure the public highway remains clean and safe, including:

- Regular use of a road sweeper on a weekly basis, or more frequently if required
- Monitoring of site access points for mud and debris
- Immediate action taken where any contamination of the highway occurs

The early construction of internal roads will further reduce the risk of debris being tracked onto the highway.

Monitoring and Compliance

The Site Manager will be responsible for the implementation and ongoing monitoring of this Construction Traffic Management Plan.

This will include:

- Ensuring all contractors adhere to site traffic rules
- Monitoring vehicle movements and site access arrangements
- Adjusting measures where necessary as the development progresses

All measures set out within this document will be maintained for the duration of the construction period.

Conclusion

This Construction Traffic Management Plan demonstrates that construction traffic associated with the development can be safely accommodated without adverse impact on the surrounding highway network or neighbouring residents.

The combination of:

- Dual access arrangements
- Controlled vehicle routing
- On-site parking provision

- Pedestrian segregation
- Ongoing monitoring

ensures that the development will be delivered in a safe, organised, and responsible manner.