

CASE STUDY

PROJECT:

Site demarcation and vehicle management in a live traffic environment.

SITE DETAILS:

Kilternan Village
Enniskerry Road
Kilternan
Dublin 18

PRODUCTS:

Fortis Steel Barrier System

PARTNERED BY:



Enhancing Traffic Management at Kilternan Village

Overview

In the delivery of Kilternan Village Phase 1, a major residential project by Durkan New Homes, managing site access and ensuring public and worker safety during construction was critical.

Road Control was selected as the primary provider of Temporary Traffic Management (TTM) services. As part of their comprehensive approach, they specified and collaborated with **Oaklands Plastics** to deploy the Fortis barrier system; an integral component in ensuring site safety and visual continuity.

Challenges

The Kilternan Village development presented several logistical and safety challenges:

- ✓ High traffic interface: The site bordered active roadways requiring secure separation between the public and the construction zone.
- ✓ Safety assurance: With both vehicular and pedestrian access points, robust and visible safety barriers were necessary.
- ✓ Site adaptability: The traffic management system needed to evolve with the phases of construction without compromising safety.

Solutions Implemented

Road Control executed a full-service TTM package and brought in strategic partners to enhance the solution:

Custom Traffic Management Design: A site-specific plan was developed, integrating road closures, diversions, and access points.

Specialised TTM Crews: Road Control deployed expert crews to install, monitor, and maintain traffic setups.

Partnership with Oaklands Plastics: To meet site safety and visual impact standards, **Road Control** specified and sourced the Fortis barrier system from **Oaklands Plastics**. These interlocking, high-visibility barriers provided superior site protection and delineation throughout the project's early phases.

Equipment Supply & Maintenance: Regular inspections and updates ensured that all barriers and signage met the latest safety standards.

Outcomes

The collaboration yielded several key benefits:

Enhanced Site Safety: The use of Fortis barriers provided effective separation and impact resistance, reducing risk to workers and road users alike.

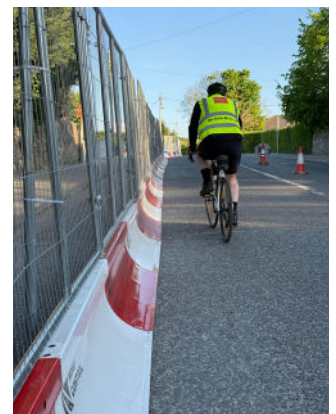
Seamless Integration: Fortis barriers were quickly deployed and adapted as site needs evolved.

Efficient Traffic Flow: Minimal disruption was reported, with clear, professional TTM installations guiding public traffic safely.

Strong Project Synergy: The partnership between **Road Control** and **Oaklands Plastics** ensured materials matched performance expectations without delay.

Conclusion

Kiltiernan Village Phase 1 demonstrates how strategic partnerships and intelligent planning can optimise traffic management on large scale residential projects. By specifying and working closely with **Oaklands Plastics**, **Road Control** delivered not only safety but also adaptability and visual uniformity using the Fortis barrier system - helping to safeguard the public and workforce while maintaining project momentum



Case Studies – Disclaimer: The safe deployment of Oaklands products will depend on site-specific factors and relevant regulations. It is important to follow the guidance in the Technical Specification Data Sheets.