

Patrick Brennan
Donegal County Council
County House
Lifford
Co. Donegal

11th September 2023

Our Ref: 22-010 Traffic Reports

Re: Fort Dunree Regeneration

Dear Patrick,

In order to establish the levels of traffic generated by the above development, we have carried out an exercise from first principles using projected numbers of visitors and their travel habits. During early Design Team meetings with the Client and the Local Authority, we had discussed daily visitor distributions for similar sites nearby and what mode of transport they typically used to visit these sites. These agreed parameters have been applied to the proposed development, which have formed the bases of our assessments.

The enclosed Traffic & Transport Report distributes projected visitors across each month in line with recognised Failte Ireland percentages and calculates that a typical weekend day in August 10 years after the facility opens will see 1112 visitors. Applying those assumptions referred to above, these visitor numbers will generate 8 coach trips, 18 mini-bus trips and 476 passenger vehicles and when dwell times are applied across recognised AM & PM visiting blocks, the report shows that there is a demand for 2 coach spaces, 5 minibus spaces and 107 passenger vehicle spaces. It was agreed during Design Team meetings that spatial constraints would limit the number of passenger vehicle spaces provided to 110, with a close monitoring of parking occupancy in the years after the development opened.

During discussions with Donegal County Council Roads Team, it was agreed that some localised upgrades to the access road would be required to improve forward sight visibility and avoid bottlenecks along this route. In line with suggestions by DCC representatives, we have provided localised road widening to 6m along with a low level landscaped verge to provide betterment in this regard.

The enclosed Donegal County Council TTS1 pro-forma assesses how the local road network is affected by traffic generated by the proposed development. We have undertaken traffic surveys to establish the base level of traffic along the L1621/L1631 during peak season – the weekly count took place during August 2022 and recorded a 7-day average daily traffic (ADT) of 425 vehicles – a relatively low base level of traffic. When the generated traffic extends to the nearby strategic road network R238, it's impact will fall well below the 10% threshold that require a more detailed assessment.



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We conclude that the proposed development will not adversely affect the capacity of the nearby roads network and that the proposals can accommodate generated traffic both on the site itself and during access/egress.

Yours sincerely

A handwritten signature in black ink that reads 'Kevin Harley'. The signature is written in a cursive style with a large 'K' and 'H'.

Kevin Harley CEng MIEI (042769)
Encl.