

SHANNON AIRPORT ACCESS ROAD IMPROVEMENT SCHEME

PREFERRED OPTION

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NEED FOR THE SCHEME

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VULNERABLE ROAD USERS

The existing N19 does not have formal dedicated facilities for cyclists and facilities for pedestrians require significant improvement to meet current design standards. Gaps in street lighting are evident on approach to the Airport, presenting safety and security concerns for vulnerable road users.

EXISTING ROAD LAYOUT

There are a high number of direct accesses, particularly on the approach to the Knockbeagh Point Roundabout. Junction layouts, including pedestrian crossing facilities, are poor and the existing road does not comply with current design standards in terms of geometric parameters.

SAFETY

In the event of an airside incident, priority access by emergency vehicles to the airport is potentially a critical factor.

EXISTING ROAD CONDITION

Clear indications of surface failure/distress have been observed on several sections of the existing route due to the poor ground conditions and pavement subgrade layers. Signing & line marking, public lighting and drainage are also considered to be of poor quality.

JOURNEY TIME RELIABILITY

This section of the N19 serves two major trip destinations – Shannon Airport and the Shannon Free Zone (West) business park. Future traffic modelling indicates that there is a significant problem with forecast peak hour congestion at junctions, caused by "tidal" flow of commuter traffic to and from the Shannon Free Zone.















