Major/Minor Junctions Design Checklist - Compliance with TD 42/95

Auditor:	Martin Crabtree
Date:	20/09/2013
Job No:	08-241
Drawing:	08/241/TR/003 Rev D
Design Check Drawing	08/241/PL/002 Rev B
Title:	Design Check of Right Turn Ghost Island

Design Feature	Design Requirements	Compliance	Comments
When to use a ghost island	Ghost islands shall be used on new single carriageway roads, or in the upgrading of existing junctions to provide right turning vehicles with a degree of shelter from the through flow.	Yes	
Corner Radii	Where no provision is made for large goods vehicles, it is recommended that the minimum circular corner radius at simple junctions should be 6m in urban areas and 10m in rural areas	10m	Proposal includes link road to dissuade HGV usage of minor arm and potentially weight restrictions on Dearne Hall Road to prevent HGV movements
Through Lanes	No greater than 3.65m wide but no less than 3m wide	3.0m	
Turning Length	10m	10.0m	
Direct taper Length	5m	5.0m	
Turning Lane Width	Min 3m Max 5m	3.0m	
Deceleration Length	25m	25.0m	
Visibility Splays	4.5m x 70m	4.5m x tangent	

Key:

Complies with Standard

Does Not Complying with Standard