



Tie-in with Proposed N16

Existing N16 (SR06)

Proposed tie-in to Existing N16

Chainage	Design Levels	Gradient	Ground Levels	Level Diff.	Horizontal	Vertical
0.000	97.276		92.698	4.579	L R=-90.000m L=40.663m	G=1.670 L=45.427m
20.000	97.610	1.670	98.199	-0.588		
40.000	97.944	1.670	98.227	-0.283	L R=-90.000m L=40.663m	G=2.788 L=78.125m
60.000	98.355	2.054	98.543	-0.189		
80.000	98.912	2.787	98.971	-0.058	L R=-90.000m L=40.663m	G=2.788 L=78.125m
100.000	99.496	2.919	99.538	-0.041		
120.000	100.312	4.078	100.264	0.047	L R=-90.000m L=40.663m	G=2.788 L=78.125m
129.461	100.710	4.209	100.210	0.047		

**Legend**

- Design Indicating Cut
- Design Indicating Fill
- Attenuation Pond
- Soil Repository/Borrow Pit
- Compound (within Temporary landtake)
- 28m ICD Roundabout
- Mainline Chainage (m)
- Side Road Chainage (m)
- Proposed side road design number
- Retaining Wall
- Lands within CPO not being made available to the contractor
- CPO Boundary (Permanent)
- CPO Boundary (Temporary)
- Townland Boundary
- Townland Names
- Existing N16
- Road Number
- Bridge Name
- Pavement
- Verge
- Cycleway
- Attenuation Pond
- Steepened Slope in Cut
- Maintenance Bench
- Cut Slope in Rock

**Geometrics Details:**

- Proposed Design Level
- Existing Ground Level
- Cut Section
- Fill Section

**Note:-**  
All proposed road levels indicated are based on a Design developed for Phase 3 and 4 of the TII Project Management Guidelines.  
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Date	By	Revision

**Project** N16 Lugatober (Drumkilsellagh to Lugnagall)

**Title** Design Overview: Geometrics Side Roads SR06

<b>Scales</b> 1:2,500 H ; 1:500 V @ A3	<b>Date</b> February 2019	<b>Job No.</b> SO/14/11549
<b>Design</b> FM	<b>Drawn</b> BR	<b>Checked</b> FM
		<b>Approved</b> EC

**Figure No.:** Fig. 4.3.4