

Quick Comparison Table of Shores Green Slip Roads against Cogges Link Road

Produced 13 December 2010

Feature	CLR	SGSR	Notes
Land			
Total land area required for delivery of scheme	255,900 m ² (25.59 ha)	81,984 m ² (8.2 ha)	Figure for CLR taken from planning application submitted by OCC. Figure for SGSR include 1.6ha of existing A40 bed and 1.6ha of 10m construction buffer
Total land area for which compulsory purchase may be required	196,285 m ²	7,300 m ²	
Area of existing special category land (Public Open Space) lost to scheme	32,447 m ²	0	(plots 5, 5A, 5B, 5C, 6, 6A, 6B, 6C and 10 as identified in CPO Order)
Area of land within existing flood plain required for scheme	99,109 m ²	0	(plots 1-3, 4, 4A, 4B, 5, 5A, 5B, 5C, 6, 6A, 6B, 6C, 7, 7A, 7B, 7C, 7D, 7F as identified in CPO Order)
Economic Considerations			
Total Cost of scheme	£18,880,000	£4,080,000	Taken from October 2010 OCC cabinet budget report.
Carriageway maintenance cost	£1,035,000	£282,000	Plus structural maintenance and culvert clearing/maintenance
Construction requirements			
Number of bridges	2	0	
Number of culverts	2	0	
Number of underbridges	1	0	
Length of new carriageway (m)	1,800	490	CLR figures taken from planning application and CLR EIA
Area of new surfacing (carriageway and footway)	33,080 m ²	10,750 m ²	
Traffic Impacts			
Pcu's movements across AQMA cordon 2026 with complimentary measures	9,000	8,750	From Traffic Model Forecasting Report Figure 3.9
SGSR as percentage of CLR flows	N/A	97%	
Pcu's movements across Conservation Area cordon (2026) with complimentary measures	13,000	9,250	From Traffic Model Forecasting Report Figure 3.10
SGSR as percentage of CLR flows	N/A	71%	
NOx emissions Kg/year	10,238	5,759	Figures from CLR EIA
NOx emissions as percentage of Do Minimum	166%	93%	
Annual green house gas emissions t/year	3,168	3,103	

Annual green house gas emissions t/year as percentage of Do Minimum	93%	91%	
Noise			
Number of additional properties affected by noise	510	20	CLR Figures taken from CLR EIA