

Lancaster and Morecambe
College

OBJECTION BY LANCASTER AND MORECAMBE COLLEGE

Heysham to M6 Link

Appendix 1 to Highways Proof of
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Document Reference – LMC/KWL/2

June 2007

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APPENDIX 1

SCALE HALL JUNCTION

Tables showing the results of the LINSIG analysis

Linsig Results for Scale Hall Junction - AM Peak

New Link

Arm	Degree of Saturation	Average Queue	Average Delay
Right Turn	80.8	10.9	38.8
Straight On	80.8	15.5	28.3
Left Turn	38.0	1.5	34.4

Morecambe Road (East)

Arm	Degree of Saturation	Average Queue	Average Delay
Right Turn	32.8	2.7	31.2
Straight On	62.0	8.3	29.7
Left Turn	17.5	1.1	24.9

A683 (South)

Arm	Degree of Saturation	Average Queue	Average Delay
Right Turn	5.0	0.6	25.2
Straight On	58.0	14.4	22.1
Left Turn			

A589

Arm	Degree of Saturation	Average Queue	Average Delay
Right Turn	81.7	12.2	36.8
Straight On	50.5	6.7	27.8
Left Turn	42.9	3.6	32.5

Linsig Results for Scale Hall Junction - PM Peak

New Link

Arm	Degree of Saturation	Average Queue	Average Delay
Right Turn	80.8	10.3	40.3
Straight On	85.2	17.4	29.8
Left Turn	78.1	4.9	51.6

Morecambe Road (East)

Arm	Degree of Saturation	Average Queue	Average Delay
Right Turn	30.3	2.8	29.1
Straight On	58.9	7.1	31.0
Left Turn	53.8	3.3	33.0

A683 (South)

Arm	Degree of Saturation	Average Queue	Average Delay
Right Turn	69.8	8.2	34.8
Straight On	62.5	15.7	22.1
Left Turn			

A589

Arm	Degree of Saturation	Average Queue	Average Delay
Right Turn	50.5	5.9	29.6
Straight On	80.8	10.9	38.8
Left Turn	24.2	2.4	28.4