

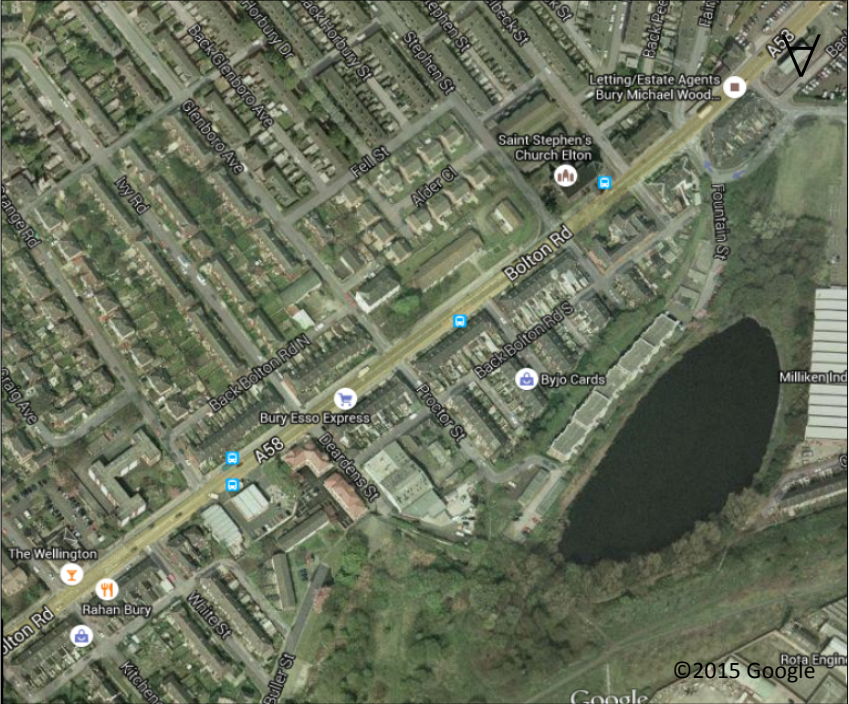
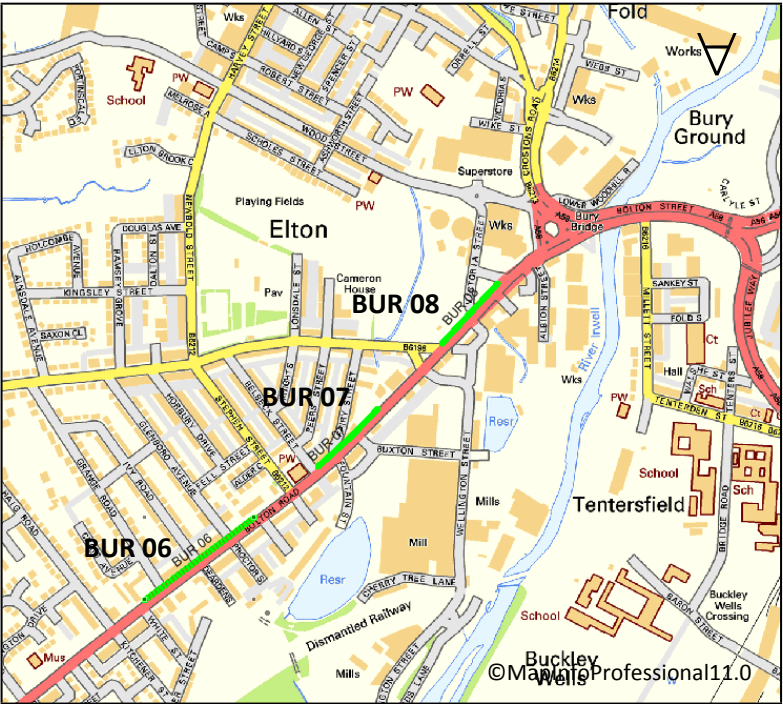
BURY
A58 BOLTON ROAD, ELTON
NORTHBOUND APPROACHING BURY BRIDGE JUNCTION

REVIEW DATE: 27 May 2015
REVIEW BY: Peter Bramwell,
Maria Simpson, David Nixon,
Ian Lord

DISTRICT:	Bury	MEASURE:	With-flow bus lane	EXISTING HIGHWAY CONTEXT / LAYOUT	BACKGROUND/HISTORY OF INSTALLATION
REFERENCE:	BUR 06, BUR 07, BUR 08	EXEMPTIONS:	Cycles & Taxis	<ul style="list-style-type: none">Major arterial route into Bury Town Centre from west and south westResidential / commercial areaDownstream junction (Bury Bridge) over capacityTraffic queues can extend back past start of bus lane. Did not occur when originally installed. No scope to extended further back to assist	<ul style="list-style-type: none">Former QBC route3 sections of bus lane introducedSections of bus lane did not result in the loss of traffic lanes due to carriageway widening along Bolton RoadNew signalised junction and pedestrian facilities included at j/w B6196 Ainsworth RoadCycle facilities improvedDerby Way opened: 21 February 2008The Rock shopping centre opened: 16 July 2010Croft Lane long term closure: 16 June 2014 – 20 February 2015
LOCATION:	A58 Bolton Road	DAYS/HOURS OF OPERATION:	Mon-Fri 7am-10am & 4pm-7pm		
AREA:	Elton	TRO STATUS:	TRO received from Bury Council		
START POINT:	BUR 06 - 30m west of the westerly kerbline of Grange Rd	TRO DATE:	07/09/06		
END POINT:	BUR 07 - from its junction with Belbeck Street	SPEED LIMIT:	30mph		
	BUR 08 - from its junction with Ainsworth Road				
	BUR 06 - for a distance 225 metres in a easterly direction				
DIRECTION:	BUR 07 - for a distance 135 metres in a easterly direction	KEY ROUTE NETWORK:	YES		
	BUR 08 - to its junction with Broom Street				
	Northbound				
LENGTH (MTRS):	BUR 06 - 225				
	BUR 07 - 135				
	BUR 08 - 130				

NB. All TRO information provided by Local Authority

BUS LANE LOCATION



OVERALL RATING



Attention required but not urgent
(Review after initial 6months of new development being implemented)

TRAFFIC MASTER DATA (2013-2014 DATA)							
	Route	Description	Sample Size T2	Total Journey Time Secs	Total Distance Miles	Minutes Per Mile	Speed MPH
AM PEAK	BUR 06	A58 Bolton Rd, Grange Road to Hulbert Street	20830	41.55313	0.188464	3.674711	16.32782
INTER PEAK	BUR 06	A58 Bolton Rd, Grange Road to Hulbert Street	33721	27.3461	0.188464	2.418325	24.81056
PM PEAK	BUR 06	A58 Bolton Rd, Grange Road to Hulbert Street	14032	29.63448	0.188464	2.620696	22.89468
AM PEAK	BUR 07	A58 Bolton Rd, Belbeck Street to Arthur Street	10879	56.97049	0.151845	6.253128	9.595198
INTER PEAK	BUR 07	A58 Bolton Rd, Belbeck Street to Arthur Street	17556	45.85668	0.151845	5.033268	11.92069
PM PEAK	BUR 07	A58 Bolton Rd, Belbeck Street to Arthur Street	7002	53.65931	0.151845	5.889691	10.18729
AM PEAK	BUR 08	A58 Bolton Rd, Ainsworth Road to Broom Street	32246	57.33183	0.166057	5.754242	10.42709
INTER PEAK	BUR 08	A58 Bolton Rd, Ainsworth Road to Broom Street	48449	44.58948	0.166057	4.475326	13.40685
PM PEAK	BUR 08	A58 Bolton Rd, Ainsworth Road to Broom Street	18040	59.03719	0.166057	5.925404	10.12589

TRAFFIC COUNT DATA – 01/07/2015	
BUR 06 - A58 BOLTON ROAD J/W STEPHEN STREET	
Time Period*	Total No. of Vehicles
0800-0900	1014
1630-1730	837

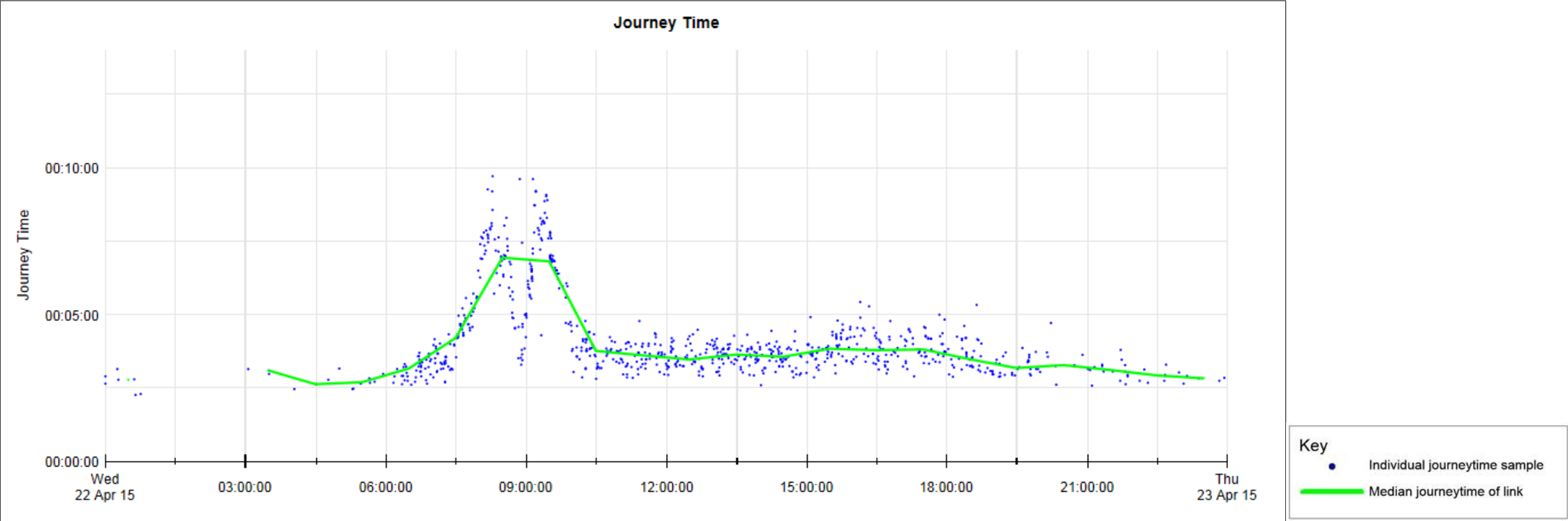
TRAFFIC COUNT DATA – 01/07/2015	
BUR 07 - A58 BOLTON ROAD J/W STEPHEN STREET	
Time Period*	Total No. of Vehicles
0800-0900	1048
1630-1730	808

TRAFFIC COUNT DATA – 01/07/2015	
BUR 08 - A58 BOLTON ROAD J/W AINSWORTH ROAD	
Time Period*	Total No. of Vehicles
0800-0900	1751
1630-1730	1165

**Time period is selected based on available data at review date*

BLUETOOTH DATA (22/04/15)

Journey times taken along the link from:
MAC4298BU A58 Bury and Bolton Road / Higher Ainsworth Rd, Ainsworth
MAC4137BU A58 Bolton Road / Ainsworth Rd, Bury



BUS SERVICE DETAILS & FREQUENCIES			BUR 06 & BUR 07 SERVICES																										Note: Based on 31 January 2015 timetable
Short Service ID	Full Op Name	Places Served	Start Stop Location	End Stop Location	00:00 - 00:59	01:00- 01:59	02:00- 02:59	03:00- 03:59	04:00- 04:59	05:00- 05:59	06:00- 06:59	07:00- 07:59	08:00- 08:59	09:00- 09:59	10:00- 10:59	11:00- 11:59	12:00- 12:59	13:00- 13:59	14:00- 14:59	15:00- 15:59	16:00- 16:59	17:00- 17:59	18:00- 18:59	19:00- 19:59	20:00- 20:59	21:00- 21:59	22:00- 22:59	23:00- 23:59	Total 24
Monday to Friday																													
471	First	Bolton - Brightmet - Bury - Sudden - Rochdale	Bolton Bus Station	Rochdale Interchange	0	0	0	0	0	2	7	9	6	7	6	6	6	6	6	6	6	6	5	2	2	2	2	2	94
486B	Rosso	Radcliffe - Ainsworth - Bury	Radcliffe Bus Station	Bury Interchange	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	8
				TOTAL	0	0	0	0	0	2	7	9	6	8	7	7	7	7	7	6	7	7	5	2	2	2	2	2	102
Saturday																													
471	First	Bolton - Brightmet - Bury - Sudden - Rochdale	Bolton Bus Station	Rochdale Interchange	0	0	0	0	0	1	3	3	6	9	6	6	6	6	6	6	6	6	5	2	2	2	2	2	85
486B	Rosso	Radcliffe - Ainsworth - Bury	Radcliffe Bus Station	Bury Interchange	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	9
				TOTAL	0	0	0	0	0	1	3	3	6	10	7	7	7	7	7	7	7	7	5	2	2	2	2	2	94
Sunday																													
471	First	Bolton - Brightmet - Bury - Sudden - Rochdale	Bolton Bus Station	Rochdale Interchange	0	0	0	0	0	0	0	0	3	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	32
				TOTAL	0	0	0	0	0	0	0	0	3	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	32
Bank Holiday																													
471	First	Bolton - Brightmet - Bury - Sudden - Rochdale	Bolton Bus Station	Rochdale Interchange	0	0	0	0	0	0	0	0	3	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	32
				TOTAL	0	0	0	0	0	0	0	0	3	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	32

Note: Based on 31 January 2015 timetable

BUS SERVICE DETAILS & FREQUENCIES			BUR 08 SERVICES																										Note: Based on 31 January 2015 timetable
Short Service ID	Full Op Name	Places Served	Start Stop Location	End Stop Location	00:00 - 00:59	01:00- 01:59	02:00- 02:59	03:00- 03:59	04:00- 04:59	05:00- 05:59	06:00- 06:59	07:00- 07:59	08:00- 08:59	09:00- 09:59	10:00- 10:59	11:00- 11:59	12:00- 12:59	13:00- 13:59	14:00- 14:59	15:00- 15:59	16:00- 16:59	17:00- 17:59	18:00- 18:59	19:00- 19:59	20:00- 20:59	21:00- 21:59	22:00- 22:59	23:00- 23:59	Total 24
Monday to Friday																													
98A	First	Manchester - Whitefield - Radcliffe - Bury	Shudehill Interchange	Bury Interchange	0	0	0	0	0	1	3	4	4	4	4	4	4	4	4	4	4	4	4	3	2	1	1	1	60
471	First	Bolton - Breightmet - Bury - Sudden - Rochdale	Bolton Bus Station	Rochdale Interchange	0	0	0	0	0	2	7	9	6	7	6	6	6	6	6	6	6	6	5	2	2	2	2	2	94
486B	Rosso	Radcliffe - Ainsworth - Bury	Radcliffe Bus Station	Bury Interchange	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	8
				TOTAL	0	0	0	0	0	3	10	13	10	12	11	11	11	11	11	10	11	11	9	5	4	3	3	3	162
Saturday																													
98A	First	Manchester - Whitefield - Radcliffe - Bury	Shudehill Interchange	Bury Interchange	0	0	0	0	0	0	1	2	2	4	4	4	4	4	4	4	4	4	4	3	2	1	1	1	53
471	First	Bolton - Breightmet - Bury - Sudden - Rochdale	Bolton Bus Station	Rochdale Interchange	0	0	0	0	0	1	3	3	6	9	6	6	6	6	6	6	6	6	5	2	2	2	2	2	85
486B	Rosso	Radcliffe - Ainsworth - Bury	Radcliffe Bus Station	Bury Interchange	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	9
				TOTAL	0	0	0	0	0	1	4	5	8	14	11	11	11	11	11	11	11	11	9	5	4	3	3	3	147
Sunday																													
98A	First	Manchester - Whitefield - Radcliffe - Bury	Shudehill Interchange	Bury Interchange	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	21
98A	Stagecoach Manchester	Manchester - Whitefield - Radcliffe - Bury	Shudehill Interchange	Bury Interchange	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1	1	6
471	First	Bolton - Breightmet - Bury - Sudden - Rochdale	Bolton Bus Station	Rochdale Interchange	0	0	0	0	0	0	0	0	3	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	32
				TOTAL	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	3	4	4	3	3	3	3	59
Bank Holiday																													

Note: All information sourced is correct at time of review and subject to change.

98A	First	Manchester - Whitefield - Radcliffe - Bury	Shudehill Interchange	Bury Interchange	0	0	0	0	0	0	0	0	0	1	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	21
98A	Stagecoach Manchester	Manchester - Whitefield - Radcliffe - Bury	Shudehill Interchange	Bury Interchange	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1	1	6	
471	First	Bolton - Brightmet - Bury - Sudden - Rochdale	Bolton Bus Station	Rochdale Interchange	0	0	0	0	0	0	0	0	3	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	32	
				TOTAL	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	4	3	4	4	3	3	3	3	59	

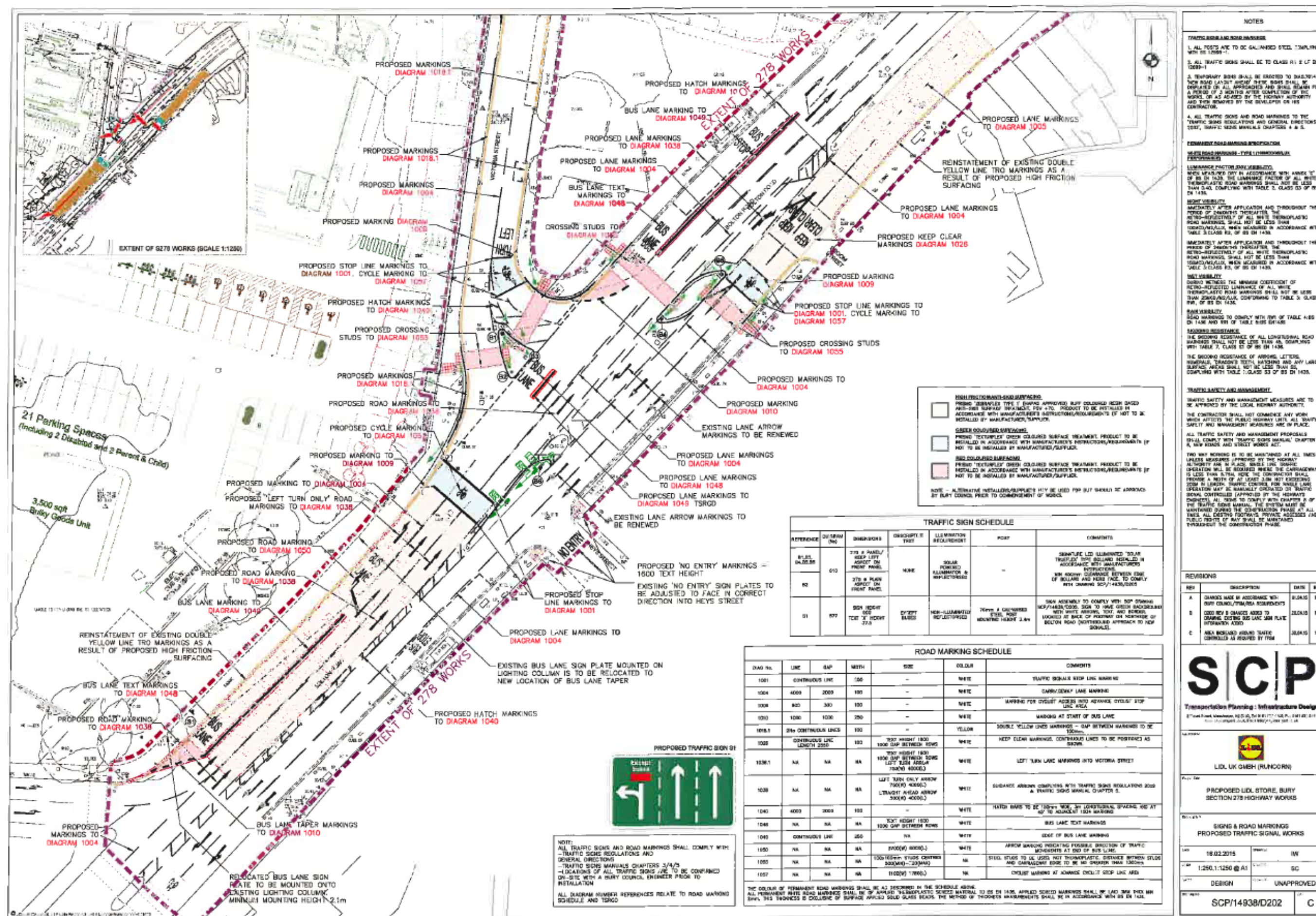
DESKTOP REVIEW COMMENTS (07/07/2015)					
<ul style="list-style-type: none">• Bluetooth data shows AM Peak has slowest journey times• Some poor bus punctuality and reliability recorded on affected bus services, though survey sample number small• Relatively low number of buses on sections BUR 06 and BUR 07• Victoria Street junction to be signalised as part of Lidl development, bus lane to be retained:<ul style="list-style-type: none">- New signals, inbound LT only except buses- New junction layout (attached)• Green Times:					
BUS LANE REF	TYPE	SITE NO.	ARM	AM GREEN TIME (s)	PM GREEN TIME (s)
BUR 07	UTC_FT	470	A58 Bolton Road, Northbound	43	30
BUR 08	UTC_FT	311	A58 Bolton Road, Northbound	43	32

OPERATOR COMMENTS (15/07/2015)
<ul style="list-style-type: none">• BUR 06 and BUR 07 no issues• BUR 08 regularly used by other vehicles.• Assists buses serving the bus stop.

ON SITE REVIEW COMMENTS (29/06/2015)
<ul style="list-style-type: none">• Setback distance from traffic signals:<ul style="list-style-type: none">- BUR 07 – 75 metres, bus stop at end of bus lane- BUR 08 – 54 metres, bus stop at end of bus lane• Downstream features:<ul style="list-style-type: none">- Signalised junction at Bury Bridge• Potential improvements to assist general traffic:<ul style="list-style-type: none">- Possibly remove BUR 08- BUR 06/07 possibly not required, especially if BUR 08 removed• Overall effectiveness / Options / Recommendations:<ol style="list-style-type: none">1. Leave as is at present2. Remove BUR 08 (most controversial)3. Make AM Peak only – when needed the most4. Detailed micro-simulation modelling, with new arrangement• District comments:<ul style="list-style-type: none">- Queuing can fluctuate day by day, sometimes queues past the start of the bus lane- Times of operation correct- Bus stop at start- No complaints on BUR 06 and BUR 07- Historically marginal widening to install first sections (BUR 06 and BUR 07), large scale widening to install BUR 08- Problems on BUR 08 mainly AM

RECOMMENDATIONS (16/07/2015)
<ul style="list-style-type: none">• Due to the proposed development it was agreed at the workshop discussion that it is advisable to monitor once the development and new highway layout has been implemented. Recommended to review following initial 6months.

PROPOSED SIGNALISED JUNCTION AS PART OF NEARBY LIDL DEVELOPMENT



Note: All information sourced is correct at time of review and subject to change.