

APPENDIX 1

CONGESTION LOCATIONS ON THE MAJOR ROAD NETWORK (BASED ON MORNING AND EVENING PEAK DATA)

Reference	Road	Location	Description	Status
A58M	Leeds Inner Ring Road	Western end in vicinity of Armley Gyratory	Heavily congested route at peak times, particularly in the westbound direction. Some delays to bus services accessing West Leeds routes.	Limited scope for improvements to Armley Gyratory. Bus lane provided on the Wellington Road approach and consideration as to further optimisation of signal timings at the junction. Long standing requirement to improve situation of cyclists at this pinch point.
A58	Roundhay Road at	Harehills Corner	Congestion in the vicinity of Harehills Road and Easterly Road junctions affecting also B6159. Local demand for parking in the area of district centre.	Major improvement to the easterly Rod junction was made in 1995. Frontage use issues along Roundhay Road remain. HOV lane in preparation for inbound Roundhay Road approach. Study due to be commissioned looking at road safety, congestion and parking.
A58	Whitehall Road	Wortley	Inbound congestion at roundabout junction with A62 also affects a limited number of bus services.	In medium term there is potential for a bus lane which is restricted by available carriageway widths.
A64	York Road	Harehills Lane	Outbound congestion also affects on B6159.	Bus priorities bypass the congestion at this location which is managed as part of the overall East Leeds QBC scheme.
A63	Selby Road	Halton	Congestion on length through Halton area also having adverse impact on bus services	Limited scope for improvements as urban road serving local community with many junctions and frontage activity. History of local improvement works in Halton centre have helped pedestrians.
A65	Kirkstall Road	City centre to Kirkstall	Congested length of route with significant delays to bus services	Major quality bus corridor scheme in preparation utilising queue management to maintain traffic flows whilst offering bus

				services priority.
A643	Ingram Distributor Road	Holbeck	Congested link between Armley Gyratory and M621	Junction with M621 has been partially signalised relatively recently. Approaches to Armley Gyratory are constrained by railway arches.
A643	Bruntcliffe Lane	Morley	Localised congestion related to busy junctions and frontages	Limited scope for improvements as urban road serving local community with many junctions. History of local improvement and junction works.
A647	Armley Road	Armley (Branch Road) and Galloway Lane, Pudsey	Relates primarily to two busy junctions. Major junction with A6120 at Dawson's Corner signalised. Existing HOV lane inbound to Armley.	Consideration is being given to schemes which will improve the situation for buses to provide an enhanced quality bus corridor.
A653	Dewsbury Road	Ring Road, Beeston	Localised congestion through Beeston centre and at "Tommy Wass junction"	Proposals for providing bus lane on the congested Ring Road leg of the Tommy Wass junction in progress. Further examination of public transport delays planned.
A658	Harrogate Road	Yeadon	Localised congestion related to busy junctions and frontages	Incremental minor improvements have been made and will continue primarily in relation to growth or the airport.
A660	Headingley Lane/Otley Road	Hyde Park to Weetwood	Congested length of route relating to busy junctions at Hyde Park and Headingley and numerous intermediate junctions. Has very significant impact on bus services. Well used by cyclists with some pinch points.	Highway offers limited scope for further improvement or further optimisation of traffic signals. Former Supertram route expected to be in second phase of Leeds NGT scheme. Limited scope for interim enhancements to bus priority facilities.
A6110	Ring Road	Wortley and Beeston	Localised congestion related to busy junctions including at A62 Gelderd Road. Impacts upon bus services including those accessing White Rose Centre.	Previous improvements have related to nearby retail centre and future changes may also arise through development proposals elsewhere.

A6120	Ring Road,	Junctions with the A58, A61, A63, A65 and A657	Localised congestion relating to individual junctions. All junctions pose an issue for public transport reliability. Limited inbound bus lane provided at A63. A660 junction is the least congested and has seen provision of a pedestrian crossing on the south leg.	Approval due to be requested to design schemes for A65 and A657 junctions. Examinations of other sites ongoing including A61 junction where there is an identified need for improved pedestrian facilities.
B6154	Tong Road	Wortley	Localised congestion related to busy junctions and frontages.	Inbound bus lane has been provided.
B6157	Leeds and Bradford Road	Kirkstall	Localised congestion related to busy junctions.	Physical limitations to scope for future improvements.
B6481	Pontefract Road	Stourton	Localised congestion related to busy junctions and industrial frontages. Proximity to M1 and M621 a key factor.	Limited improvements to M1 junction 44. Further enhancements likely to follow as part of the Aire Valley Leeds investment programme and as a result of developments.