

## APPENDIX 1

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

| Reference | Road                  | Location                                   | Description   | Updated 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. Situation unchanged from previous report.                          |
| 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 underway into provision of outbound bus priority lane including examination of road safety, congestion and parking. Planned scheme delivery 2009-10. |
| 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. Situation unchanged from previous report to review in final two years of current LTP programme.   |
| A64       | York Road             | Harehills Lane                             | Outbound congestion also has affects on B6159.  | Bus priorities bypass the congestion at this location which is managed as part of the overall East Leeds QBC scheme. Situation unchanged from previous report to review in final two years of LTP programme.  |
| 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. Opening of East Leeds Link within the next month should have some  |

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|------|----------------------------|--|---|--|
|      |                            |  |   | beneficial impacts on traffic flows.   |
| 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. Start of scheme planned for mid 2009 with two year construction programme.  |
| A643 | Ingram Distributor Road    | Holbeck  | Congested link between Armley Gyratory and M621   | Junction with M621 has been partially signalised. Approaches to Armley Gyratory are constrained by railway arches. Situation unchanged from previous report.   |
| 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. Situation unchanged since previous report.  |
| 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. Outbound bus lane proposals approved for development with view to a scheme during 2009-10.   |
| 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 detailed design for delivery during 2009-10.   |
| 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 the airport. Review of traffic impacts of airport expected as part of any planning application. Submission for A65 to A657 link road submitted to Regional Transport Board for consideration as part of the current Regional Funding Allocation review, post 2013-14 programme. |
| 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 | Highway offers limited scope for further improvement or further optimisation of traffic signals. Phase 2 of Leeds New Generation Transport scheme. Interim package of bus  |

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|-------|-------------------------|--|---|--|
|       |                         |  | used by cyclists with some pinch points.  | priority enhancements in preparation for the corridor including examination of options for early introduction of park and ride 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. Situation unchanged since previous report.   |
| 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. | Package of schemes prepared and submitted to Regional Transport Board for consideration as part of the current Regional Funding Allocation review, post 2013-14 programme. Subject to outcome development of priority schemes for A61, A65 and A657 junctions will commence during 2009-10 year. |
| B6154 | Tong Road               | Wortley  | Localised congestion related to busy junctions and frontages.   | Inbound bus lane has been provided as part of the Route 4 service improvement package and is being monitored. Situation unchanged since previous report.   |
| B6157 | Leeds and Bradford Road | Kirkstall                                      | Localised congestion related to busy junctions.   | Physical limitations to scope for future improvements. Inbound bus lane proposals to be considered as part of final two years of LTP programme.  |
| 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. Development of AVL transport options is continuing as part of LDF Area Action Plan preparation.                             |

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