Appendix A: Methodology and Data Sources

A METHODOLOGY AND DATA SOURCES

A.1 OVERVIEW

The project presented in this report has been evaluated against their objectives and the following criteria, where applicable, to support the evaluation:

- Environment:
- Safety;
- Economy;
- Integration;
- Accessibility & Social Inclusion;
- Costs to Government; and
- Value for Money.

As the evaluation focuses on impacts relating to the project's objectives, evaluations against all of the above criteria may not be undertaken for all projects. The evaluation is supported by the consideration of network traffic indicators, including traffic volumes, overtaking opportunities and travel times, as presented in the following section.

A.2 NETWORK TRAFFIC INDICATORS

Traffic Volumes

Comparison Between Pre and Post Opening Traffic Flows

A comparison of traffic flows pre and post opening has been undertaken to provide an indication of the impact that the project has had on traffic volumes. The amount of traffic data presented is dependent upon the complexity of the project. The comparison can also serve as a proxy for the effect that the project has had on noise and air quality.

Comparison Between Predicted and Actual Traffic Flows

A comparison of predicted and actual opening year traffic flows has been undertaken to confirm the accuracy of predictions during the project's preparation. The comparison can also serve as a proxy for whether the predicted benefits of the project are likely to be realised.

Depending on the nature of the traffic modelling undertaken to assess the project, the predicted traffic flow is either derived by:

- factoring the base year or the predicted opening year, design network flows to the actual opening year using National Road Traffic Forecast (NRTF) growth factors; or
- extrapolating from, or interpolating between, the modelled assessment year, design network flows.

The difference between the actual traffic flow and the predictions has been calculated and expressed as a percentage of the actual flow. A threshold of +/-20% is generally accepted by Transport Scotland as being a reasonable range for future year forecast traffic flow comparisons.

The amount of traffic data presented is dependent upon the complexity of the project. The comparison can also serve as a proxy for the likely impact of the project on noise and air quality.

Data Sources

| Predicted | Traffic | Obtained/derived | from the traf | fic/economic | modelling | | |
|----------------------|---------|---|---------------|--------------|-----------|--|--|
| Flows | | undertaken to | support the | pre-tender | economic | | |
| | | assessment. | | | | | |
| Actual Traffic Flows | | Obtained from automatic traffic counters in the vicinity of the project/study area. | | | | | |

Overtaking Opportunities

Post Opening Overtaking Opportunities

Commentary on overtaking opportunities is provided for projects that have specific objectives relating to the improvement of overtaking levels. In this instance, there are no scheme objectives related to overtaking and this has therefore not been assessed.

Travel Times

Change in Travel Times

Based on the evaluation of other projects with a comparable standard of carriageway for which pre and post opening journey time data is available, supported by anecdotal evidence where available.

Comparison Between Pre and Post Opening Travel Times

A comparison between pre and post opening travel times has been carried out for projects where the change in travel times cannot be judged based on other projects of a similar nature for which an evaluation has been undertaken.

Comparison Between Predicted and Actual Travel Times

A comparison between predicted and actual opening travel times has been carried out for projects where predicted and post opening travel time information is readily available.

Data Sources

| Pre-Opening Travel Times | Confirmed through pre-opening survey information collected to support the project's economic assessment. | | | | |
|--|--|--|--|--|--|
| Post Opening Confirmed through post opening survey information. Travel Times | | | | | |
| Predicted Travel Times | Obtained from the Stage 3 economic assessment undertaken during the project's preparation. | | | | |
| Stakeholder Feedback | Obtained from Road Haulage Association | | | | |

Vehicle Speeds

Change in Vehicle Speeds

Based on the evaluation of other projects with a comparable standard of carriageway for which pre and post opening vehicle speed data is available, supported by anecdotal evidence where available.

Comparison Between Pre and Post Opening Vehicle Speeds

A comparison between pre and post opening vehicle speeds has been carried out for projects where the change in vehicle speeds cannot be judged based on other projects of a similar nature for which an evaluation has been undertaken.

Comparison Between Predicted and Actual Vehicle Speeds

A comparison between predicted and actual opening vehicle speeds has been carried out for projects where predicted and post opening vehicle speed information is readily available.

| Pre-Opening Vehicle Speeds | | Obtained from automatic traffic counters in the vicinity of the project/study area. |
|-------------------------------|--|---|
| Post Vehicle Sp | | Obtained from automatic traffic counters in the vicinity of the project/study area. |

Vehicle Speeds project/study area.

Predicted Travel Obtained from the Stage 3 economic assessment Times undertaken during the project's preparation.

A.3 ENVIRONMENTAL

Data Sources

Mitigation Measures

A review of the environmental mitigation measures implemented during construction has been undertaken for all projects to establish whether or not the measures proposed during the project's preparation have been introduced and to provide comment on their success. The mitigation measures implemented were confirmed through site visits.

Data Sources

| Proposed Mitigation Measures | Presented in the Environmental Statement produced during the project's preparation. |
|---------------------------------------|---|
| Implemented Mitigation Measures | Confirmed through site visit. |

Noise and Air Quality

A comparison of the observed traffic flows after opening has been undertaken in the context of noise impacts. A review of air quality has not been undertaken for the project as no significant air quality impacts were expected.

A.4 SAFETY

Accidents

Comparison Between Pre and Post Opening Personal Injury Accident Numbers

A comparison of the personal injury accident numbers pre and post opening has been undertaken for all projects to provide an early indication of whether the project is operating safely.

The number of personal injury accidents for the 5 and 3 years within the vicinity of the project prior to opening has been compared with the observed number of personal injury accidents for the project in its first year of operation. The comparison shall be updated to include the observed number of accidents in the three year period after opening when the accident data is available.

It is important to realise that road infrastructure projects normally take a minimum of 5 to 7 years to plan prior to the commencement of construction. Many proposed road projects are derived from safety concerns such as fatal and serious accidents and often, these are treated in terms of Accident Investigation and Prevention work prior to planning the permanent solution. The comparison between 3 year pre and post opening accidents, therefore, only demonstrate the minimum road safety improvement derived from the project.

Where the influence of a trunk road improvement project has a significant impact on the local road network, it may be appropriate to extend the scope of the accident analysis.

Road Safety Audits

Road Safety Audit (RSA) reports have been reviewed for all projects, where available, to confirm whether there is any evidence that the project is not operating safely and where recommendations have been made for ameliorative measures, if appropriate.

Data Sources

| Personal Injury Accident Numbers | Obtained from the STATS19 data collection system. |
|-------------------------------------|---|
| Safety Issues | Detailed within RSA reports produced following audits carried out 1 year after project opening. |
| Stakeholder Feedback | Obtained from Police Scotland |

A.5 ECONOMY

Transport Economic Efficiency

A comparison between predicted and actual traffic flows and/or travel times has been undertaken for all projects as a proxy for whether the predicted benefits of the project are likely to be realised.

A comparison which suggests actual traffic flows are lower than predicted traffic flows, in an uncongested situation, indicates that the economic benefits of the project may have been over predicted as fewer vehicles will actually accrue journey time savings than predicted. Similarly, the economic benefits of a project may also be over predicted where actual travel times are greater (i.e. speeds lower) than predicted.

Conversely, where the comparison suggests actual traffic flows are greater than predicted traffic flows or actual travel times are less (i.e. speeds higher) than predicted, the economic benefits of the project may have been under predicted.

Commentary on the impact of the project on local economic development has been provided where anecdotal feedback is available.

| Data Sources | | | | | | |
|--------------|-----------|---------|----------|---------|----------|----------|
| Stakeholder | Obtained | from | North | Lanar | kshire | Council, |
| Feedback | Dunbarton | shire C | council. | Falkirk | Council. | Glasgov |

Dunbartonshire Council, Falkirk Council, Glasgow City Council and local businesses.

East

A.6 INTEGRATION

Commentary on Transport Integration and Policy Integration has been provided for projects that have specific objectives relating to the Integration criterion. In addition, anecdotal evidence from stakeholders has also been gathered, where available.

| Data Sources | |
|------------------------|---|
| Government Policies | Outlined within the Scottish Executive's integrated transport policy applicable at the time of the scheme's assessment. |

A.7 ACCESSIBILITY & SOCIAL INCLUSION

Commentary on Community Accessibility has been provided for projects that have specific objectives relating to the Accessibility & Social Inclusion criterion, supported by anecdotal evidence where available.

Data Sources

| Public Transport Network | Desktop Review and GIS Analysis of Network pre and post scheme | | | | | |
|-----------------------------|---|--|--|--|--|--|
| Stakeholder Feedback | Public Transport Operators, Strathclyde Partnership for Transport (SPT) and North Lanarkshire Council | | | | | |

A.8 COSTS TO GOVERNMENT

Investment Costs

Comparison Between Predicted and Out-turn Costs

The M80(T) Stepps to Haggs project was taken forward as a Public-Private Partnership (PPP) project. A full financial evaluation was undertaken prior to the award of this PPP contract.

A.9 VALUE FOR MONEY

Initial Indications

Based on the evaluation of economic benefits and project costs outlined in sections 3.5 and 3.8 respectively, a judgement in terms of the potential impact on the projects' value for money has been made.

The value for money of a project is considered to be greater than predicted where the economic benefits have been under predicted and the project costs over predicted. Conversely, the value for money of a project is considered to be lower than predicted where the economic benefits have been over predicted and the project costs under predicted.

Where both the economic benefits and project cost have been under predicted or over predicted, a judgement has been made with regards to the likely overall impact on value for money.

Data Sources

Predicted NPV and Obtained from the pre-tender economic assessment BCR undertaken during the project's preparation.

A.10 ACHIEVEMENT OF OBJECTIVES

Initial Indications

The evaluation includes an indication of how the M80(T) Stepps to Haggs scheme is progressing towards achieving its objectives. Where specific indicators to measure the project's performance against its objectives have not been developed, an indication of how the project is progressing towards achieving its objectives is based on the pre-opening data available, supplemented by post opening data collected as part of the evaluation.

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|------------------|-----|--------|-----|-----|----|
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| \boldsymbol{L} | ala | - | Ju | пС | ᆫᇰ |

| Objectives | Confirmed from reported Environmental States | ments o | or |
|------------|--|---------|----|
| | Route Action Plan, where applicable. | | |

Appendix B: Evaluation Data

B EVALUATION DATA

B.1 COMPARISON BETWEEN PRE AND POST OPENING TRAFFIC FLOWS

Table B.1a: ATC Data (Strategic Network - Mainline)

| | AADT by Year | | | | | | | | |
|---------------------------------------|--------------|--------------|--------|---------|--------------------|----------------------|--|--|--|
| ATC Reference | 2007 | 2008 | 2009 | 2010 | 2011 | July 12 - June 13 | | | |
| M8 J15 (Cathedra | al) - M8 J14 | (Fruitmarket | t) | | | | | | |
| Westbound | | | | | | | | | |
| NTC00059 - M8 Lanes | 61,506 | 66,673 | n/a | 65,831 | Year of Opening | 61,185 | | | |
| NTC00060 - M80 Lanes | 13,436 | 13,209 | 13,016 | 12,696 | Year of Opening | 10,159 | | | |
| Combined | 74,942 | 79,882 | n/a | 78,527 | Year of Opening | 71,344 | | | |
| M8 J14 (Fruitman | ket) - M8 J1 | 3 (Provan) | | | | | | | |
| Eastbound | | | | | | | | | |
| NTC00054 - M8 Lanes | 54,561 | 51,531 | 54,685 | 54,364 | Year of Opening | 42,839 | | | |
| NTC00055- M80 Lanes | 25,479 | 27,154 | 23,298 | 22,021 | Year of Opening | 24,645 | | | |
| Combined | 80,040 | 78,685 | 77,983 | 76,385 | Year of Opening | 67,484 | | | |
| Westbound | | | | | | | | | |
| NTC00052 - M8 Lanes | 45,898 | n/a | n/a | 55,493 | Year of Opening | 52,410 | | | |
| NTC00053 - M80 Lanes | 16,602 | n/a | 15,891 | 15,283 | Year of Opening | 12,639 | | | |
| Combined | 62,500 | n/a | n/a | 70,776 | Year of Opening | 65,049 | | | |
| 2-Way | | | | | | | | | |
| | 142,540 | n/a | n/a | 147,161 | Year of Opening | 132,533 | | | |
| M8 J13 (Provan) | - East of M8 | 0 Slips | | | | | | | |
| Eastbound | | | | | | | | | |
| NTC00049 | n/a | 53,154 | 53,709 | 53,390 | Year of Opening | 41,907 | | | |
| Westbound | | | | | | | | | |
| NTCPC012 | n/a | 48,406 | n/a | 48,981 | Year of Opening | 39,831 | | | |
| 2-Way | | | | | | | | | |
| NTC00049 & NTCPC012 | n/a | 101,560 | n/a | 102,371 | Year of Opening | 81,738 | | | |
| M80 J1 (Provan) - M80 J2 (Robroyston) | | | | | | | | | |

| | AADT by Year | | | | | | |
|------------------------|----------------|---------------|-------------|-------------|--------------------|----------------------|--|
| ATC Reference | 2007 | 2008 | 2009 | 2010 | 2011 | July 12 - June 13 | |
| Northbound | | | | | | | |
| NTC00407 | 27,516 | 26,932 | 24,879 | 23,221 | Year of Opening | 30,816 | |
| Southbound | | | | | | | |
| NTC00408 | 29,774 | 28,878 | 28,421 | 26,815 | Year of Opening | 30,935 | |
| 2-Way | | | | | | | |
| NTC00407 & NTC00408 | 57,290 | 55,810 | 53,300 | 50,036 | Year of Opening | 61,751 | |
| M80 J2 (Robroys | ton) - M80 J | l3 (Hornshill |) | | | | |
| Northbound | | | | | | | |
| NTC00419 | 28,325 | 27,769 | 26,947 | 25,135 | Year of Opening | 28,845 | |
| Southbound | | | | | | | |
| NTC00420 | 26,677 | 26,613 | 26,365 | 23,810 | Year of Opening | 28,904 | |
| 2-Way | | | | | | | |
| NTC00419 & NTC00420 | 55,002 | 54,382 | 53,312 | 48,945 | Year of Opening | 57,749 | |
| A80 Cumbernaul | d Road at M | loodiesburn | - Bypassed | Section of | A80 | | |
| Northbound | | | | | | | |
| JTC00150 | 27,199 | 26,564 | 25,780 | 23,876 | Year of Opening | 5,164 | |
| JTC00149 | 25,107 | 24,302 | 24,014 | n/a | Year of Opening | 3,645 | |
| Southbound | | | | | | | |
| JTC00150 | 26,614 | 26,350 | 25,492 | 23,598 | Year of Opening | 5,426 | |
| JTC00149 | 25,307 | 24,381 | 23,735 | n/a | Year of Opening | 3,173 | |
| 2-Way | | | | | | | |
| JTC00150 | 53,813 | 52,914 | 51,272 | 47,474 | Year of Opening | 10,590 | |
| JTC00149 | 50,413 | 48,683 | 47,749 | n/a | Year of Opening | 6,818 | |
| M80 J3 (Hornshil | II) - M80 J4 (| Mollinsburn |) - Moodies | burn Bypass | s Section | | |
| Northbound | | | | | | | |
| JTC00626 | - | - | - | - | Year of Opening | 21,957 | |
| Southbound | | | | | | | |
| JTC00627 | - | - | - | - | Year of Opening | 22,239 | |
| 2-Way | | | | | | | |
| JTC00626 & JTC00626 | - | - | - | - | Year of Opening | 44,196 | |

| | | AADT by Year | | | | | | | | | |
|---------------------|--------------|--------------|--------|------|--------------------|----------------------|--|--|--|--|--|
| ATC Reference | 2007 | 2008 | 2009 | 2010 | 2011 | July 12 - June 13 | | | | | |
| M80 J4 (Mollinsb | urn) - M73 I | Merge | | | | | | | | | |
| Northbound | | | | | | | | | | | |
| NTC00440 | - | - | - | - | Year of Opening | 19,327 | | | | | |
| Southbound | | | | | | | | | | | |
| NTC00442 | - | - | - | - | Year of Opening | 19,333 | | | | | |
| 2-Way | | | | | | | | | | | |
| NTC00440 & NTC00442 | - | - | - | - | Year of Opening | 38,660 | | | | | |
| M73 Merge - M80 | J4a (Low V | Vood) | | | | | | | | | |
| Northbound | | | | | | | | | | | |
| JTC00624 | - | - | - | - | Year of Opening | 38,522 | | | | | |
| JTC00266 | 39,137 | 38,373 | 36,041 | n/a | Year of Opening | n/a | | | | | |
| Southbound | | | | | | | | | | | |
| NTC00449 | - | - | - | - | Year of Opening | 37,937 | | | | | |
| JTC00266 | 37,050 | 36,537 | 35,129 | n/a | Year of Opening | n/a | | | | | |
| 2-Way | | | | | | | | | | | |
| JTC00624 & NTC00449 | - | - | - | - | Year of Opening | 76,459 | | | | | |
| JTC00266 | 76,187 | 74,911 | 72,910 | n/a | Year of Opening | n/a | | | | | |
| M80 J4a (Low Wo | ood) - M80 J | l5 (Auchenk | ilns) | | | | | | | | |
| Northbound | | | | | | | | | | | |
| NTC00452 | - | - | - | - | Year of Opening | 28,571 | | | | | |
| Southbound | | | | | | | | | | | |
| NTC00453 | - | - | - | - | Year of Opening | 31,698 | | | | | |
| 2-Way | | | | | | | | | | | |
| NTC00452 & NTC00453 | - | - | - | - | Year of Opening | 60,269 | | | | | |
| M80 J5 (Auchen | kilns) - M80 | J6 (Old Inns | :) | | | | | | | | |
| Northbound | | | | | | | | | | | |
| JTC00622 | - | - | - | - | Year of Opening | 32,511 | | | | | |
| JTC00265 | 32,734 | n/a | n/a | n/a | Year of Opening | n/a | | | | | |
| Southbound | | | | | | | | | | | |
| NTC00464 | - | - | - | - | Year of Opening | 32,111 | | | | | |

| | | | AADT | by Year | | |
|------------------------|--------------|--------------|------|---------|--------------------|----------------------|
| ATC Reference | 2007 | 2008 | 2009 | 2010 | 2011 | July 12 - June 13 |
| JTC00265 | 32,162 | n/a | n/a | n/a | Year of Opening | n/a |
| 2-Way | | | | | | |
| JTC00622 & NTC00464 | - | - | - | - | Year of Opening | 64,622 |
| JTC00265 | 64,896 | n/a | n/a | n/a | Year of Opening | n/a |
| M80 J6 (Old Inns |) - M80 J6a | (Castlecary) | | | | |
| Northbound | | | | | | |
| JTC00620 | - | - | - | - | Year of Opening | 34,007 |
| JTC00264 | 32,391 | 32,421 | n/a | n/a | Year of Opening | n/a |
| Southbound | | | | | | |
| NTC00475 | - | - | - | - | Year of Opening | 33,237 |
| JTC00264 | 33,018 | 32,460 | n/a | n/a | Year of Opening | n/a |
| 2-Way | | | | | | |
| JTC00620 & NTC00475 | - | - | - | - | Year of Opening | 67,244 |
| JTC00264 | 65,409 | 64,881 | n/a | n/a | Year of Opening | n/a |
| M80 J6a (Castled | ary) - M80 J | I7 (Haggs) | | | | |
| Northbound | | | | | | |
| JTC00618 | - | - | - | - | Year of Opening | 34,747 |
| JTC00263 | 35,895 | 34,641 | n/a | n/a | Year of Opening | n/a |
| Southbound | | | | | | |
| JTC00619 | - | - | - | - | Year of Opening | 35,079 |
| JTC00263 | 35,292 | 34,145 | n/a | n/a | Year of Opening | n/a |
| 2-Way | | | | | | |
| JTC00618 & JTC00619 | - | - | - | - | Year of Opening | 69,826 |
| JTC00263 | 71,187 | 69,703 | n/a | n/a | Year of Opening | n/a |
| M80 J7 Haggs - I | M80 / M876 、 | Junction | | | | |
| Northbound | | | | | | |
| JTC00616 | - | - | - | - | Year of Opening | 34,339 |
| Southbound | | | | | | |
| JTC00617 | - | - | - | - | Year of Opening | 35,863 |

| ATC Reference | 2007 | 2008 | 2009 | 2010 | 2011 | July 12 - June 13 |
|------------------------------|---------------------|-------------|-------------|--------|--------------------|----------------------|
| 2-Way | | | | | | |
| JTC00616 & JTC00617 | - | - | - | - | Year of Opening | 70,202 |
| M80 North of M80 |) / M876 Jur | nction | | | | |
| Northbound | | | | | | |
| 118850 | n/a | n/a | 17,001 | 15,158 | Year of Opening | n/a |
| JTC08331 | n/a | n/a | n/a | n/a | Year of Opening | 16,578 |
| Southbound | | | | | | |
| 118850 | n/a | n/a | 17,103 | 15,606 | Year of Opening | n/a |
| JTC08331 | n/a | n/a | n/a | n/a | Year of Opening | 16,836 |
| 2-Way | | | | | | |
| 118850 | n/a | n/a | 34,104 | 30,764 | Year of Opening | n/a |
| JTC08331 | n/a | n/a | n/a | n/a | Year of Opening | 33,414 |
| M876 East of M80 |) / M876 Jur | nction | | | | |
| Eastbound | | | | | | |
| JTC08236 | 17,188 | 16,881 | 16,461 | n/a | Year of Opening | 17,633 |
| Westbound | | | | | | |
| JTC08236 | 16,767 | 16,444 | 15,830 | n/a | Year of Opening | 17,474 |
| 2-Way | | | | | | |
| JTC08236 | 33,955 | 33,324 | 32,292 | n/a | Year of Opening | 35,107 |
| M73 J1 (Daldowie | e) - M73 J2 (| Baillieston | Interchange |) | | |
| Northbound | | | | | | |
| NTC00513 - from M74 North | 14,838 | n/a | 14,383 | 13,817 | Year of Opening | 17,026 |
| NTC00514 - from M74 South | 27,835 | n/a | 27,079 | 26,263 | Year of Opening | 21,174 |
| Combined | 42,673 | n/a | 41,462 | 40,080 | Year of Opening | 38,200 |
| Southbound | | | | | - | |
| NTCPC092 - to M74 North | n/a | 13,656 | 13,961 | 13,475 | Year of Opening | 17,633 |
| NTCPC093 - to M74 South | 29,714 | 28,021 | 28,469 | 27,352 | Year of Opening | 21,453 |
| Combined | n/a | 41,677 | 42,430 | 40,827 | Year of Opening | 39,086 |

| | | | AADT | by Year | | |
|------------------------|----------------|--------------|-------------|---------|--------------------|----------------------|
| ATC Reference | 2007 | 2008 | 2009 | 2010 | 2011 | July 12 - June 13 |
| 2-Way | | | | | | |
| | n/a | n/a | 83,892 | 80,907 | Year of Opening | 77,286 |
| M73 J2 (Bailliest | on Interchai | nge) - M73 J | 2a (Gartcos | h) | | |
| Northbound | | | | | | |
| NTC00504 | n/a | n/a | n/a | n/a | Year of Opening | n/a |
| Southbound | | | | | | |
| NTC00503 | 21,417 | 20,584 | 20,467 | 18,974 | Year of Opening | 22,097 |
| 2-Way | | | | | | |
| NTC00504 & NTC00503 | n/a | n/a | n/a | n/a | Year of Opening | n/a |
| DfT 20704 | 46,566 | 45,084 | 44,472 | 43,899 | Year of Opening | 44,730 |
| M73 J2a (Gartco | sh) - M73 J3 | (Mollinsbu | rn) | | | |
| Northbound | | | | | | |
| NTC00496 | - | - | - | - | Year of Opening | 17,473 |
| Southbound | | | | | | |
| NTC00497 | - | - | - | - | Year of Opening | 21,505 |
| 2-Way | | | | | | |
| NTC00496 & NTC00497 | - | - | - | - | Year of Opening | 38,978 |
| DfT 74424 | 39,305 | 43,050 | 42,458 | 41,860 | Year of Opening | 42,634 |
| M8 / A8 East of E | Baillieston Ir | nterchange | | | | |
| Eastbound | | | | | | |
| NTC00966 | 37,830 | 37,806 | 37,563 | 37,198 | Year of Opening | 36,326 |
| Westbound | | | | | | |
| NTC00967 | 36,271 | 35,356 | 35,824 | 35,809 | Year of Opening | 35,275 |
| 2-Way | | | | | | |
| NTC00966 & NTC00967 | 74,101 | 73,162 | 73,387 | 73,007 | Year of Opening | 71,601 |

Table B.2a: Detailed ATC Summary (Strategic Network – Mainline)

| | AADT by Ye | ear | | | | | | |
|--------------------------------|------------------|-----------|--------------|--------------|----------------------------|----------|--------------|--------------|
| | Pre-Openin | g (2010) | | | Post Opening (2012 / 2013) | | | |
| ATC Reference | AADT | % HGV | AM Period | PM Period | AADT | % HGV | AM Period | PM Period |
| M8 J15 (Cathedral) | – M8 J14 (Frui | tmarket) | | | | | | |
| Westbound | | | | | | | | |
| NTC00059 – M8 Lanes | 65,831 | 4% | 12,049 | 10,633 | 61,185 | 3% | 12,350 | 11,246 |
| NTC00060 – M80 Lanes | 12,696 | 5% | 3,251 | 2,794 | 10,159 | 5% | 2,718 | 1,773 |
| Combined | 78,527 | 4% | 15,300 | 13,427 | 71,344 | 4% | 15,068 | 13,019 |
| M8 J14 (Fruitmarke | et) – M8 J13 (Pi | ovan) | | | | | | |
| Eastbound | | | | | | | | |
| NTC00054 – M8 Lanes | 54,364 | 4% | 8,391 | 11,986 | 42,839 | 4% | 6,436 | 9,783 |
| NTC00055 - M80 Lanes | 22,021 | 3% | 3,060 | 5,478 | 24,645 | 3% | 3,518 | 6,266 |
| Combined | 76,385 | 4% | 11,451 | 17,464 | 67,484 | 3% | 9,954 | 16,049 |
| Westbound | | | | | | | | |
| NTC00052 – M8 Lanes | 55,493 | 4% | 8,970 | 9,334 | 52,410 | 3% | 9,940 | 9,810 |
| NTC00053 – M80 Lanes | 15,283 | 5% | 4,703 | 3,010 | 12,639 | 6% | 3,964 | 2,149 |
| Combined | 70,776 | 4% | 13,673 | 12,344 | 65,049 | 4% | 13,904 | 11,959 |
| 2-Way | | | | | | | | |
| | 147,161 | 4% | 25,124 | 29,808 | 132,533 | 4% | 23,858 | 28,008 |
| M8 J13 (Provan) – I | East of M80 Sli | ps | | | | | | |
| Eastbound | | | | | | | | |
| NTC00049 | 53,390 | 3% | 8,212 | 11,822 | 41,907 | 3% | 6,268 | 9,569 |
| Westbound | 40.004 | 40/ | 0.547 | 0.504 | 00.004 | 40/ | 7,000 | 7.004 |
| NTCPC012 2-Way | 48,981 | 4% | 8,547 | 8,591 | 39,831 | 4% | 7,960 | 7,261 |
| NTC00049 & NTCPC012 | 102,371 | 4% | 16,759 | 20,413 | 81,738 | 3% | 14,228 | 16,830 |
| M80 J1 (Provan) – I | M80 J2 (Robro | yston) | | | | | | |
| Northbound | | | | | | | | |
| NTC00407 | 23,221 | 5% | 3,566 | 5,633 | 30,816 | 3% | 4,406 | 8,097 |
| Southbound | | | | | | | | |
| NTC00408 | 26,815 | 4% | 6,200 | 4,772 | 30,935 | 4% | 7,103 | 5,858 |
| 2-Way | | | | | | | | |
| NTC00407 & NTC00408 | 50,036 | 5% | 9,766 | 10,405 | 61,751 | 3% | 11,509 | 13,955 |
| M80 J2 (Robroysto | n) – M80 J3 (H | ornshill) | | | | | | |
| Northbound | | | | | | | | |
| NTC00419 | 25,135 | 4% | 3,605 | 6,304 | 28,845 | 3% | 4,228 | 7,358 |
| Southbound | | | | | | | | |
| NTC00420 | 23,810 | 4% | 5,414 | 4,339 | 28,904 | 3% | 6,595 | 5,581 |

| | AADT by Ye | ear | | | | | | |
|------------------------|---------------|----------|--------------|--------------|------------|------------|--------------|--------------|
| | Pre-Openin | g (2010) | | | Post Openi | ng (2012 / | 2013) | |
| ATC Reference | AADT | % HGV | AM Period | PM Period | AADT | % HGV | AM Period | PM Period |
| 2-Way | | | | | | | | |
| NTC00419 & NTC00420 | 48,945 | 4% | 9,019 | 10,643 | 57,749 | 3% | 10,823 | 12,939 |
| A80 Cumbernauld R | oad at Moodi | esburn – | Bypassed | Section of | A80 | | | |
| Northbound | | | | | | | | |
| JTC00150 | 23,876 | n/a | 3,576 | 5,924 | 5,164 | n/a | 1,120 | 995 |
| JTC00149 *1 | 24,014 | n/a | 3,824 | 5,689 | 3,645 | n/a | 481 | 910 |
| Southbound | | | | | | | | |
| JTC00150 | 23,598 | n/a | 5,170 | 4,502 | 5,426 | n/a | 658 | 1,457 |
| JTC00149 *1 | 23,735 | n/a | 5,058 | 4,640 | 3,173 | n/a | 664 | 670 |
| 2-Way | | | | | | | | |
| JTC00150 | 47,474 | n/a | 8,746 | 10,426 | 10,590 | n/a | 1,778 | 2,452 |
| JTC00149 *1 | 47,749 | n/a | 8,882 | 10,329 | 6,818 | n/a | 1,145 | 1,580 |
| M80 J3 (Hornshill) - | M80 J4 (Molli | insburn) | - Moodiesl | ourn Bypas | s Section | | | |
| Northbound | | | | | | | | |
| JTC00626 | - | - | - | - | 21,957 | 6% | 3,573 | 5,278 |
| Southbound | | | | | | | | |
| JTC00627 | - | - | - | - | 22,239 | 7% | 4,739 | 4,593 |
| 2-Way | | | | | | | | |
| JTC00626 & JTC00626 | - | - | - | - | 44,196 | 7% | 8,312 | 9,871 |
| M80 J4 (Mollinsburn |) – M73 Merge | Э | | | | | | |
| Northbound | | | | | | | | |
| NTC00440 | - | - | - | - | 19,327 | 5% | 3,254 | 4,669 |
| Southbound | | | | | | | | |
| NTC00442 | - | - | - | - | 19,333 | 5% | 4,119 | 4,100 |
| 2-Way | | | | | | | | |
| NTC00440 & NTC00442 | - | - | - | - | 38,660 | 5% | 7,373 | 8,769 |
| M73 Merge – M80 J4 | a (Low Wood |) | | | | | | |
| Northbound | | | | | | | | |
| JTC00624 | - | - | - | - | 38,522 | 6% | 6,791 | 8,640 |
| JTC00266 *1 | 36,041 | 6% | 6,535 | 8,202 | n/a | n/a | n/a | n/a |
| Southbound | | | | | | | | |
| NTC00449 | - | - | - | - | 37,937 | 7% | 7,707 | 8,688 |
| JTC00266 *1 | 35,129 | 6% | 6,492 | 7,750 | n/a | n/a | n/a | n/a |
| 2-Way | | | | | | | | |
| JTC00624 & NTC00449 | - | - | - | - | 76,459 | 7% | 14,498 | 17,328 |
| JTC00266 *1 | 72,910 | 6% | 13,028 | 15,952 | n/a | n/a | n/a | n/a |
| M80 J4a (Low Wood |) – M80 J5 (A | uchenkil | ns) | | | | | |
| Northbound | | | | | | | | |
| NTC00452 | - | - | - | - | 28,571 | 9% | 5,501 | 6,363 |

| | AADT by Y | ear | | | | | | |
|------------------------|----------------|-----------|--------------|--------------|-------------|------------|--------------|--------------|
| | Pre-Openin | ıg (2010) | | | Post Openii | ng (2012 / | 2013) | |
| ATC Reference | AADT | % HGV | AM Period | PM Period | AADT | % HGV | AM Period | PM Period |
| Southbound | | | | | | | | |
| NTC00453 | - | - | - | - | 31,698 | 8% | 6,467 | 7,376 |
| 2-Way | | | | | | | | |
| NTC00452 & NTC00453 | - | - | - | - | 60,269 | 8% | 11,968 | 13,739 |
| M80 J5 (Auchenkilns | s) – M80 J6 (0 | Old Inns) | | | | | | |
| Northbound | | | | | | | | |
| JTC00622 | - | - | - | - | 32,511 | 7% | 6,332 | 7,219 |
| JTC00265 *2 | 32,734 | 7% | 6,452 | 6,915 | n/a | n/a | n/a | n/a |
| Southbound | | | | | | | | |
| NTC00464 | - | - | - | - | 32,111 | 8% | 6,187 | 7,856 |
| JTC00265 *2 | 32,162 | 6% | 5,797 | 7,396 | n/a | n/a | n/a | n/a |
| 2-Way | | | | | | | | |
| JTC00622 & NTC00464 | - | - | - | - | 64,622 | 8% | 12,519 | 15,075 |
| JTC00265 *2 | 64,896 | 6% | 12,248 | 14,311 | n/a | n/a | n/a | n/a |
| M80 J6 (Old Inns) - I | M80 J6a (Cas | tlecary) | | | | | | |
| Northbound | | | | | | | | |
| JTC00620 | - | - | - | - | 34,007 | 7% | 6,793 | 7,085 |
| JTC00264 *3 | 32,421 | 6% | 6,777 | 6,810 | n/a | n/a | n/a | n/a |
| Southbound | | | | | | | | |
| NTC00475 | - | - | - | - | 33,237 | 8% | 6,302 | 8,477 |
| JTC00264 *3 | 32,460 | 5% | 5,889 | 7,701 | n/a | n/a | n/a | n/a |
| 2-Way | | | | | | | | |
| JTC00620 & NTC00475 | - | - | - | - | 67,244 | 8% | 13,095 | 15,562 |
| JTC00264 *3 | 64,881 | 5% | 12,666 | 14,510 | n/a | n/a | n/a | n/a |
| M80 J6a (Castlecary |) – M80 J7 (H | aggs) | | | | | | |
| Northbound | | | | | | | | |
| JTC00618 | - | - | - | - | 34,747 | 7% | 7,237 | 7,388 |
| JTC00263 *3 | 34,641 | 6% | 7,368 | 7,304 | n/a | n/a | n/a | n/a |
| Southbound | | | | | | | | |
| JTC00619 | - | - | - | - | 35,079 | 6% | 6,407 | 8,685 |
| JTC00263 *3 | 34,145 | 6% | 6,175 | 8,157 | n/a | n/a | n/a | n/a |
| 2-Way | | | | | | | | |
| JTC00618 & JTC00619 | - | - | - | - | 69,826 | 7% | 13,644 | 16,073 |
| JTC00263 *3 | 69,703 | 6% | 13,543 | 15,462 | n/a | n/a | n/a | n/a |
| M80 J7 Haggs – M80 |) / M876 Junc | tion | | | | | | |
| Northbound | | | | | | | | |
| JTC00616 | - | - | - | - | 34,339 | 7% | 5,888 | 8,922 |
| Southbound | | | | | | | | |
| JTC00617 | - | - | - | - | 35,863 | 7% | 7,888 | 6,988 |

| | AADT by Ye | ear | | | | | | |
|------------------------------|---------------|------------|--------------|--------------|------------|------------|--------------|--------------|
| | Pre-Openin | g (2010) | | | Post Openi | ng (2012 / | 2013) | |
| ATC Reference | AADT | % HGV | AM Period | PM Period | AADT | % HGV | AM Period | PM Period |
| 2-Way | | | | | | | | |
| JTC00616 & JTC00617 | - | - | - | - | 70,202 | 7% | 13,776 | 15,910 |
| M80 North of M80 / M | M876 Junction | 1 | | | | | | |
| Northbound | | | | | | | | |
| 118850*1 | 17,001 | - | 2,600 | 4,145 | - | - | - | - |
| JTC08331 | - | - | - | - | 16,578 | 5% | 2,470 | 4,350 |
| Southbound | | | | | | | | |
| 118850*1 | 17,103 | - | 3,647 | 3,353 | - | - | - | - |
| JTC08331 | - | - | - | - | 16,836 | 4% | 3,682 | 3,285 |
| 2-Way | | | | | | | | |
| 118850*1 | 34,104 | - | 6,247 | 7,497 | - | - | - | - |
| JTC08331 | - | - | - | - | 33,414 | 4% | 6,152 | 7,635 |
| M876 East of M80 / M | M876 Junction | 1 | | | | | | |
| Eastbound | | | | | | | | |
| JTC08236 *1 | 16,461 | 7% | 4,001 | 3,513 | 17,633 | 7% | 4,261 | 3,873 |
| Westbound | | | | | | | | |
| JTC08236 *1 | 15,830 | 7% | 3,098 | 3,849 | 17,474 | 7% | 3,507 | 4,588 |
| 2-Way | | | | | | | | |
| JTC08236 *1 | 32,292 | 7% | 7,099 | 7,362 | 35,107 | 7% | 7,767 | 8,461 |
| M73 J1 (Daldowie) – | M73 J2 (Baill | lieston In | iterchange) | | | | | |
| Northbound | | | | | | | | |
| NTC00513 – from M74 North | 13,817 | 4% | 2,929 | 3,161 | 17,026 | 4% | 3,834 | 4,382 |
| NTC00514 – from M74 South | 26,263 | 8% | 5,053 | 4,937 | 21,174 | 8% | 4,368 | 4,168 |
| Combined | 40,080 | 7% | 7,982 | 8,098 | 38,200 | 6% | 8,202 | 8,550 |
| Southbound | | | | | | | | |
| NTCPC092 – to M74 North | 13,475 | 4% | 2,725 | 3,422 | 17,633 | 5% | 3,955 | 4,948 |
| NTCPC093 – to M74 South | 27,352 | 7% | 4,656 | 6,273 | 21,453 | 7% | 3,655 | 5,098 |
| Combined | 40,827 | 6% | 7,381 | 9,695 | 39,086 | 6% | 7,610 | 10,046 |
| 2-Way | | | | | | | | |
| | 80,907 | 6% | 15,363 | 17,793 | 77,286 | 6% | 15,812 | 18,596 |
| M73 J2 (Baillieston I | nterchange) - | – M73 J2 | a (Gartcosh | 1) | | | | |
| Northbound | | | | | | | | |
| NTC00504 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Southbound | | | | | | | | |
| NTC00503 | 18,974 | 9% | 4,069 | 4,300 | 22,097 | 9% | 5,011 | 5,349 |
| 2-Way | | | | | | | | |
| NTC00504 & NTC00503 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |

Scottish Trunk Road Infrastructure Project Evaluation - Appendix B Evaluation Data

| | AADT by Ye | AADT by Year | | | | | | | | |
|------------------------|----------------|--------------|--------------|--------------|-------------|------------|--------------|--------------|--|--|
| | Pre-Openin | g (2010) | | | Post Openii | ng (2012 / | 2013) | | | |
| ATC Reference | AADT | % HGV | AM Period | PM Period | AADT | % HGV | AM Period | PM Period | | |
| DfT 20704 | - | - | - | - | - | - | - | - | | |
| M73 J2a (Gartcosh) | – M73 J3 (Mol | llinsburn |) | | | | | | | |
| Northbound | | | | | | | | | | |
| NTC00496 | - | - | - | - | 17,473 | 10% | 3,652 | 4,105 | | |
| Southbound | | | | | | | | | | |
| NTC00497 | - | - | - | - | 21,505 | 10% | 4,719 | 5,284 | | |
| 2-Way | | | | | | | | | | |
| NTC00496 & NTC00497 | - | - | - | - | 38,978 | 10% | 8,371 | 9,389 | | |
| DfT 74424 | - | - | - | - | - | - | - | - | | |
| M8 / A8 East of Baill | ieston Interch | ange | | | | | | | | |
| Eastbound | | | | | | | | | | |
| NTC00966 | 37,198 | 5% | 6,513 | 8,296 | 36,326 | 5% | 6,483 | 8,219 | | |
| Westbound | | | | | | | | | | |
| NTC00967 | 35,809 | 6% | 6,773 | 7,551 | 35,275 | 6% | 6,952 | 7,726 | | |
| 2-Way | | | | | | | | | | |
| NTC00966 & NTC00967 | 73,007 | 5% | 13,286 | 15,847 | 71,601 | 6% | 13,435 | 15,945 | | |

Notes: 1 – 2009 Data

2 – 2007 Data

3 – 2008 Data

Table B.2b: Detailed ATC Summary (Strategic Network - Junctions)

| | AADT by Ye | ear | | | k - dulictio | | | |
|-------------------------|-------------------|----------|--------------|--------------|--------------|------------|--------------|--------------|
| | Pre-Openin | g (2010) | | | Post Openi | ng (2012 / | 2013) | |
| ATC Reference | AADT | % HGV | AM Period | PM Period | AADT | % HGV | AM Period | PM Period |
| M8 J13 (Provan) - M | M8 to M80 Slips | 5 | | • | | | | |
| Eastbound | | | | | | | | |
| NTCPC013 - M8 to M80 | 23,696 | 5% | 3,300 | 5,907 | 26,660 | 4% | 3,791 | 6,812 |
| Westbound | | | | | | | | |
| NTCPC114 - M80 to M8 | 22,583 | 5% | 5,226 | 3,929 | 25,637 | 4% | 5,932 | 4,781 |
| M80 J4 (Mollinsbur | n) on / off-slips | S | | | | | | |
| Northbound | | | | | | | | |
| NTC00441 (on-slip) | - | - | - | - | 3,055 | 4% | 505 | 819 |
| Southbound | | | | | | | | |
| NTC00443 (off-slip) | - | - | - | - | 3,081 | 3% | 795 | 582 |
| M80 J4a (Low Woo | d) on / off-slips | 3 | | | | | | |
| Northbound | | | | | | | | |
| NTC00451 (off-slip) | - | - | - | - | 10,415 | 10% | 1,885 | 2,759 |
| Southbound | | | | | | | | |
| NTC00454 (on-slip) | - | - | - | - | 7,011 | 4% | 1,522 | 1,430 |
| M80 J5 (Auchenkili | ns) on / off-slip | s | | | | | | |
| Northbound | | | | | | | | |
| (off-slip) | - | - | - | - | n/a | n/a | n/a | n/a |
| NTC00459 (on-slip) | - | - | - | - | 3,345 | n/a | 802 | 616 |
| Southbound | | | | | | | | |
| NTC00460 (off-slip) | - | - | - | - | 3,903 | n/a | 690 | 1,074 |
| NTC00456 (on-slip) | - | - | - | - | 3,505 | 3% | 938 | 631 |
| M80 J6 (Old Inns) o | on / off-slips | | | | | | | |
| Northbound | | | | | | | | |
| NTC00470 (off-slip) | - | - | - | - | 3,935 | 5% | 627 | 927 |
| NTC00471 (on-slip) | - | - | - | - | 5,785 | 6% | 1,329 | 1,217 |
| Southbound | | | | | | | | |
| NTC00473 (off-slip) | - | - | - | - | 5,461 | 5% | 941 | 1,461 |
| NTC00468 (on-slip) | - | - | - | - | 3,858 | 5% | 866 | 841 |
| M80 J6a (Castlecar | y) on / off-slips | 3 | | | | | | |
| Northbound | | | | | | | | |

| | AADT by Y | 'ear | | | | | | | |
|------------------------|-----------------|-----------|--------------|--------------|------------|----------------------------|--------------|--------------|--|
| | Pre-Openii | ng (2010) | | | Post Openi | Post Opening (2012 / 2013) | | | |
| ATC Reference | AADT | % HGV | AM Period | PM Period | AADT | % HGV | AM Period | PM Period | |
| NTC00478 (on-slip) | - | - | - | - | 888 | 3% | 238 | 202 | |
| Southbound | | | | | | | | | |
| NTC00480 (off-slip) | - | - | - | - | 886 | 4% | 187 | 220 | |
| M80 J7 (Haggs) on / | off-slips | | | | | | | | |
| Northbound | | | | | | | | | |
| NTC00484 (off-slip) | - | - | - | - | 3,400 | 7% | 353 | 1,035 | |
| NTC00483 (on-slip) | - | - | - | - | 2,911 | 4% | 884 | 497 | |
| Southbound | | | | | | | | | |
| NTC00486 (off-slip) | - | - | - | - | 2,942 | 4% | 413 | 918 | |
| NTC00481 (on-slip) | - | - | - | - | 3,590 | 3% | 895 | 668 | |
| M73 J3 (Mollinsburn |) on / off-slip | os | | | | | | | |
| Northbound | | | | | | | | | |
| NTC00495 (off-slip) | - | - | - | - | 3,796 | 5% | 847 | 1,000 | |
| NTC00493 (on-slip) | - | - | - | - | n/a | n/a | n/a | n/a | |
| Southbound | | | | | | | | | |
| NTC00488 (off-slip) | - | - | - | - | 2,363 | n/a | 517 | 547 | |
| NTC00489 (on-slip) | - | - | - | - | 1,942 | 3% | 346 | 476 | |

Notes: 1 – 2009 Data

2 – 2007 Data

3 – 2008 Data

Table B.3: ATC Data (Local Road Network)

| able B.3: ATC D | AADT by Yea | | K) | | | | | | | | | |
|-------------------------|----------------|----------------|--------|--------|--------------------|----------------------|--|--|--|--|--|--|
| ATC Reference | 2007 | 2008 | 2009 | 2010 | 2011 | July 12 - June 13 | | | | | | |
| A8011 Glasgow Road, | Cumbernauld | | | | | | | | | | | |
| ATC08234 | 21,674 | 20,032 | 20,584 | 21,008 | Year of Opening | n/a | | | | | | |
| A73(T) North of Airdrie | - South of Aud | henkilns Inter | change | | | | | | | | | |
| 136700 | 16,069 | 15,667 | 15,243 | 14,462 | Year of Opening | 14,526 | | | | | | |
| Westfield Road, Balloch | | | | | | | | | | | | |
| ATCNT003 | 5,131 | 4,970 | 4,822 | 5,666 | Year of Opening | n/a | | | | | | |
| Eastfield Road, Balloc | h | | | | | | | | | | | |
| ATCNT002 | 11,580 | n/a | n/a | n/a | Year of Opening | 9,790 | | | | | | |
| B816 Castlecary | | | | | | | | | | | | |
| ATCNT001 | n/a | 7,461 | 6,520 | 7,096 | Year of Opening | n/a | | | | | | |
| A803 (West of Kirkintil | loch) | | | | | | | | | | | |
| ATC08217 | 18,205 | 17,976 | 18,030 | 18,568 | Year of Opening | 16,807 | | | | | | |
| A803 (Springburn) | | | | | | | | | | | | |
| JTC10013 | 23,291 | 22,228 | 23,049 | 20,683 | Year of Opening | n/a | | | | | | |
| B757 (South of Kirkint | illoch) | | | | | | | | | | | |
| ATC08230 | 5,416 | 5,326 | 6,450 | 5,459 | Year of Opening | n/a | | | | | | |
| Lenzie Road (South of | Kirkintilloch) | | | | | | | | | | | |
| ATC08264 | 9,405 | 8,885 | 8,273 | n/a | Year of Opening | n/a | | | | | | |
| B802 Croy | | | | | - | | | | | | | |
| ATC08233 | 9,400 | 9,224 | 9,507 | 9,306 | Year of Opening | 9,767 | | | | | | |
| B8048 (East of Kirkinti | lloch) | | I | | | | | | | | | |
| ATC08219 | 11,322 | 10,876 | 10,790 | 10,847 | Year of Opening | n/a | | | | | | |
| JTC10075 | 10,238 | 9,767 | 9,337 | 8,855 | Year of Opening | n/a | | | | | | |
| B812 (West of Kirkintil | loch) | | | | | | | | | | | |
| ATC08223 | 6,920 | n/a | 6,424 | 6,213 | Year of Opening | 5,616 | | | | | | |
| ATC08229 | 6,578 | 6,429 | 6,459 | 6,906 | Year of Opening | n/a | | | | | | |
| A806 (North of M80 J3 | Hornshil) | | | | | | | | | | | |
| DfT 80507 | 8,904 | 8,762 | 8,698 | 8,580 | Year of Opening | 8,720 | | | | | | |

Table B.4a: North Lanarkshire Council Traffic Data

| | | AADT by Yea | ır | | | | |
|--|--------------|-----------------|-----------|--------|--------------------|----------------------|--|
| ATC Reference | 2007 | 2008 | 2009 | 2010 | 2011 | July 12 - June 13 | |
| Site NL1 (Counter 3060) - B802 Condorrat Rd, Cumbernauld | | | | | | | |
| Northbound | 563 | 623 | n/a | 638 | Year of Opening | 647 | |
| Southbound | 762 | 800 | n/a | 812 | Year of Opening | 804 | |
| 2-Way Flow | 1,325 | 1,423 | n/a | 1,450 | Year of Opening | 1,451 | |
| Site NL2 (Counter 1220) | - B8048 Drum | ngrew Bridge, I | Blackwood | | | | |
| Eastbound | 5,518 | 5,133 | n/a | 5,284 | Year of Opening | 4,655 | |
| Westbound | 6,047 | 5,691 | n/a | 5,682 | Year of Opening | 5,137 | |
| 2-Way Flow | 11,565 | 10,824 | n/a | 10,966 | Year of Opening | 9,792 | |

Table B.4b: Falkirk Council Traffic Data

| | AADT by Yea | ar | | | | | | |
|---|------------------|----------------|--------------|--------|--------------------|----------------------|--|--|
| ATC Reference | 2007 | 2008 | 2009 | 2010 | 2011 | July 12 - June 13 | | |
| Site FC1 (ATC 26) - Banknock (Falkirk Council Boundary) | | | | | | | | |
| 2-Way Flow | n/a | n/a | 7,633 | 7,019 | Year of Opening | 6,508 | | |
| Site FC2 (ATC 43) - Stir | ling Rd (Park) | | | | | | | |
| 2-Way Flow | n/a | n/a | 11,837 | 8,121 | Year of Opening | 11,331 | | |
| Site FC3 (ATC 47) - A80 | 3 Glasgow Rd | (Dennyloanhe | ead) | | | | | |
| 2-Way Flow | n/a | n/a | 11,585 | 9,444 | Year of Opening | 8,894 | | |
| Site FC4 (ATC 49) - A87 | 2 at Stirling Co | ouncil Bounda | ry | | | | | |
| 2-Way Flow | n/a | n/a | 7,593 | 6,913 | Year of Opening | 6,504 | | |
| Site FC5 (ATC 50) - A88 | 33 Denny Cem | etery | | | | | | |
| 2-Way Flow | n/a | n/a | 9,796 | 9,341 | Year of Opening | 9,296 | | |
| Site FC6 (ATC 51) - A9 a | at Torwood | | | | | | | |
| 2-Way Flow | n/a | n/a | 9,178 | 7,581 | Year of Opening | 9,219 | | |
| Site FC7 (ATC 52) - A9 5 | Stirling Rd, La | rbert South of | North Brooma | ge | | | | |
| 2-Way Flow | n/a | n/a | 9,297 | 9,412 | Year of Opening | 11,366 | | |
| Site FC8 (ATC 74) - Two | Bridges (Can | nelon) | | | | | | |
| 2-Way Flow | n/a | n/a | 16,493 | 16,759 | Year of Opening | 17,589 | | |
| Site FC9 (ATC 76) - Bog | ton Farm | | | | | | | |
| 2-Way Flow | n/a | n/a | 11,163 | 10,403 | Year of Opening | 11,307 | | |

Table B.4c: East Dunbartonshire Council Traffic Data

| | | | | AADT by Yea | ar | |
|--------------------------|----------------|------------------|-----------------|---------------|--------------------|----------------------|
| ATC Reference | 2007 | 2008 | 2009 | 2010 | 2011 | July 12 - June 13 |
| Site ED1 - Colston Rd, I | Bishopbriggs (| (between Sprin | gburn Rd and | Ashgill Rd) | | |
| Eastbound | 5,984 | 6,065 | n/a | 5,494 | Year of Opening | 5,405 |
| Westbound | 6,624 | 6,703 | n/a | 4,784 | Year of Opening | 4,120 |
| 2-Way Flow | 12,609 | 12,767 | n/a | 10,278 | Year of Opening | 9,525 |
| Site ED2 - Balgrayhill R | d, Glasgow (b | etween Auchin | airn Rd and St | tobhill Rd) | | |
| Northbound | 6,342 | 6,399 | n/a | 10,451 | Year of Opening | 5,090 |
| Southbound | 6,340 | 6,432 | n/a | 5,597 | Year of Opening | 5,995 |
| 2-Way Flow | 12,682 | 12,831 | n/a | 16,048 | Year of Opening | 11,085 |
| Site ED3 - Northgate Ro | I, Glasgow (So | outh of Auchina | airn Rd) | | | |
| Northbound | 2,280 | 2,329 | n/a | 1,774 | Year of Opening | 2,021 |
| Southbound | 2,867 | 2,931 | n/a | 2,409 | Year of Opening | 2,117 |
| 2-Way Flow | 5,147 | 5,260 | n/a | 4,183 | Year of Opening | 4,138 |
| Site ED4 - B765 Hillhead | d Rd, Bishopb | riggs (between | Supermarket | and Standbur | • | |
| Northbound | 6,153 | 6,268 | n/a | 5,048 | Year of Opening | 5,299 |
| Southbound | 6,081 | 6,190 | n/a | 5,329 | Year of Opening | 5,397 |
| 2-Way Flow | 12,235 | 12,458 | n/a | 10,377 | Year of Opening | 10,696 |
| Site ED5 - B757 Auchin | loch Rd, Lenzi | e (between Ho | spital entrance | e and Gadloch | • | |
| Northbound | n/a | 6,717 | n/a | 5,591 | Year of Opening | 3,378 |
| Southbound | n/a | 6,583 | n/a | 4,264 | Year of Opening | 3,379 |
| 2-Way Flow | n/a | 13,300 | n/a | 9,855 | Year of Opening | 6,757 |
| Site ED6 - B819 Lindsay | beg Rd, Lenz | ie (East of Blad | cklands Place) | | | |
| Eastbound | 2,661 | 2,700 | n/a | 2,559 | Year of Opening | 2,420 |
| Westbound | 2,581 | 2,638 | n/a | 2,668 | Year of Opening | 2,320 |
| 2-Way Flow | 5,242 | 5,338 | n/a | 5,227 | Year of Opening | 4,740 |
| Site ED7 - B8048 Kirkin | tilloch Rd (We | st of Drumgrev | v Bridge) | | | |
| Eastbound | 5,661 | n/a | n/a | 4,891 | Year of Opening | 3,898 |
| Westbound | 5,797 | n/a | n/a | 5,229 | Year of Opening | 3,947 |
| 2-Way Flow | 11,458 | n/a | n/a | 10,121 | Year of Opening | 7,845 |
| Site ED8 - A803 Kilsyth | Rd (between I | Broomhill Depo | ot and the B80 | 23) | | |
| Eastbound | 4,661 | 4,883 | n/a | 4,501 | Year of Opening | 3,335 |
| Westbound | 4,819 | 4,665 | n/a | 4,529 | Year of Opening | 3,393 |
| 2-Way Flow | 9,479 | 9,547 | n/a | 9,030 | Year of Opening | 6,729 |
| Site ED9 - Standburn Re | d Bishopbrigg | s (between Au | chinairn Rd an | d Wallacewell | Rd) | |

Scottish Trunk Road Infrastructure Project Evaluation - Appendix B Evaluation Data

| | | | | AADT by Yea | ar | |
|-------------------------|-----------------|--------------|---------------|---------------|--------------------|----------------------|
| ATC Reference | 2007 | 2008 | 2009 | 2010 | 2011 | July 12 - June 13 |
| Northbound | 1,553 | 1,565 | n/a | n/a | Year of Opening | 1,365 |
| Southbound | 1,201 | 1,214 | n/a | n/a | Year of Opening | 907 |
| 2-Way Flow | 2,753 | 2,779 | n/a | n/a | Year of Opening | 2,272 |
| Site ED10 - Bishopbrigg | gs Relief Rd (b | etween Green | acres R/b and | Wallacewell R | /b) | |
| Northbound | 2,992 | 2,970 | n/a | 4,241 | Year of Opening | 4,019 |
| Southbound | 3,048 | 3,115 | n/a | 5,715 | Year of Opening | 4,131 |
| 2-Way Flow | 6,040 | 6,085 | n/a | 9,955 | Year of Opening | 8,150 |

Table B.4d: Glasgow City Council Traffic Data

| able 6.40: Glasg | | ADT by Year | | | | | | | |
|---------------------------|----------------|-----------------|------------|--------|--------------------|----------------------|--|--|--|
| ATC Reference | 2007 | 2008 | 2009 | 2010 | 2011 | July 12 - June 13 | | | |
| Site GC1 (CB6) - A803 | Springburn Ro | I / Colston Rd | | | | | | | |
| Southbound | n/a | 8,991 | 9,235 | 8,230 | Year of Opening | 8,313 | | | |
| Northbound | n/a | 7,857 | 8,902 | n/a | Year of Opening | 8,139 | | | |
| 2-Way Flow | n/a | 16,848 | 18,138 | n/a | Year of Opening | 16,452 | | | |
| Site GC2 (CB7) - Robi | oyston Rd, Sou | ıth-West of Sau | ughs R/b | | | | | | |
| Eastbound | n/a | 4,935 | 4,680 | 4,650 | Year of Opening | 4,744 | | | |
| Westbound | n/a | 4,744 | 4,359 | 4,264 | Year of Opening | 4,555 | | | |
| 2-Way Flow | n/a | 9,679 | 9,038 | 8,914 | Year of Opening | 9,299 | | | |
| Site GC3 (CB9) - A80 | Cumbernauld R | d, West of Ave | nue End Rd | | | | | | |
| Eastbound | n/a | 5,597 | 6,019 | 5,846 | Year of Opening | 5,972 | | | |
| Westbound | n/a | 6,827 | 6,739 | 6,461 | Year of Opening | 5,050 | | | |
| 2-Way Flow | n/a | 11,704 | 12,038 | 11,691 | Year of Opening | 11,022 | | | |
| Site GC4 (MC8) - A803 | Springburn Ro | d / Fountainwel | I Rd | | | | | | |
| Northbound | n/a | n/a | n/a | 19,048 | Year of Opening | 18,970 | | | |
| Southbound | n/a | n/a | n/a | 18,679 | Year of Opening | 18,934 | | | |
| 2-Way Flow | n/a | n/a | n/a | 37,726 | Year of Opening | 37,903 | | | |
| Site GC5 (MC11) - A80 | Cumbernauld | Rd / A8 Edinbu | ırgh Rd | | | | | | |
| Northbound / Eastbound | n/a | n/a | 9,902 | 8,950 | Year of Opening | 8,715 | | | |
| Southbound / Westbound | n/a | n/a | 9,841 | 8,118 | Year of Opening | 8,468 | | | |
| 2-Way Flow | n/a | n/a | 19,742 | 17,068 | Year of Opening | 17,184 | | | |
| Site GC6 (MC9) - Roys | ston Rd | | | | | | | | |
| Southbound | n/a | n/a | 6,658 | 5,555 | Year of Opening | 5,195 | | | |
| Northbound | n/a | n/a | 7,437 | 5,351 | Year of Opening | 5,830 | | | |
| 2-Way Flow | n/a | n/a | 14,096 | 10,906 | Year of Opening | 11,025 | | | |

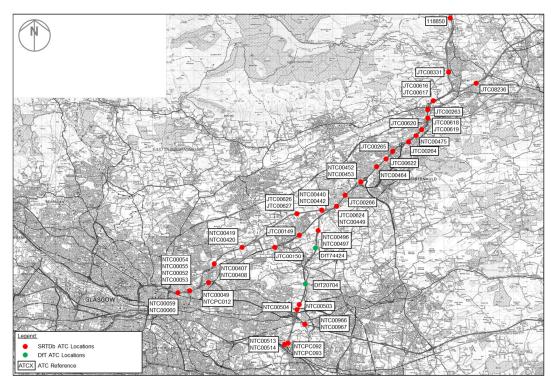
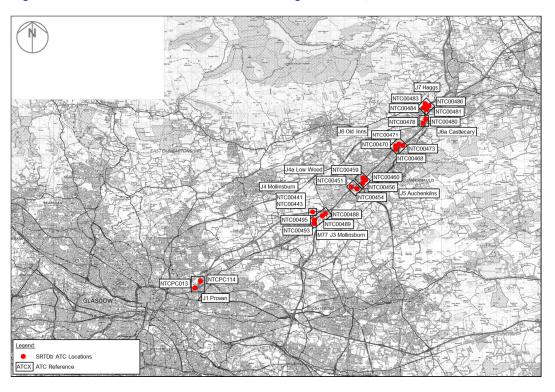


Figure B.1a: SRTDb ATC Location Plan – Strategic Network, Mainline





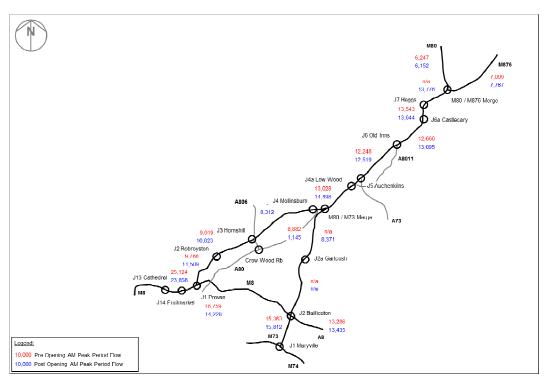
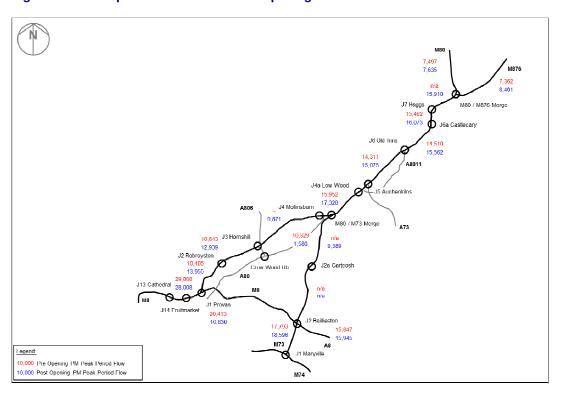


Figure B.2a: Comparison of Pre and Post Opening AM Peak Period Traffic Flows





B.2 COMPARISON BETWEEN PRE AND POST OPENING JOURNEY TIMES

Table B.5a: Travel Time Data - Route 1 - A80 / M80

| | Average Jo | urney Time | | | |
|------------|--|---------------------------------|-------------------------------|----------|--|
| Direction | Observed Pre Opening (2005 – 2007) | Observed Post Opening (2013) | Time Savings (mins / secs) | % Saving | |
| AM Peak | | | | | |
| Northbound | 15 mins 35 secs | 14 mins 06 secs | 1 mins 29 secs | 10% | |
| Southbound | 18 mins 41 secs | 13 mins 39 secs | 5 mins 02 secs | 27% | |
| Inter Peak | | | | | |
| Northbound | 14 mins 59 secs | 11 mins 39 secs | 3 mins 20 secs | 22% | |
| Southbound | 15 mins 38 secs | 11 mins 28 secs | 4 mins 10 secs | 27% | |
| PM Peak | | | | | |
| Northbound | 16 mins 05 secs | 12 mins 44 secs | 3 mins 21 secs | 21% | |
| Southbound | 16 mins 05 secs | 13 mins 05 secs | 3 mins | 19% | |

Table B.5b: Travel Time Data - Route 2 – Westfield Rd / Eastfield Rd

| | Average Jo | urney Time | | | |
|------------|---|-----------------|-------------------------------|----------|--|
| Direction | Observed Pre- Opening (2005 - 2007) Observed Post Opening (2013) | | Time Savings (mins / secs) | % Saving | |
| AM Peak | | | | | |
| Northbound | 16 mins 59 secs | 17 mins 42 secs | +43 secs | -4% | |
| Southbound | 19 mins 0 secs | 18 mins 31 secs | 29 secs | 3% | |
| Inter Peak | | | | | |
| Northbound | N/A | 16 mins 53 secs | - | - | |
| Southbound | N/A | 16 mins 59 secs | - | - | |
| PM Peak | | | | | |
| Northbound | 17 mins 48 secs | 19 mins 00 secs | +1 min 12 secs | -7% | |
| Southbound | 18 mins 51 secs | 18 mins 13 secs | 38 secs | 3% | |

Table B.5c: Travel Time Data - Route 3 - A8011 Cumbernauld / Mollinsburn

| | Average Jo | urney Time | | | |
|------------|---|---------------------------------|-------------------------------|----------|--|
| Direction | Observed Pre- Opening (2005 - 2007) | Observed Post Opening (2013) | Time Savings (mins / secs) | % Saving | |
| AM Peak | | | | | |
| Northbound | 12 mins 20 secs | 13 mins 04 secs | +44 secs | -6% | |
| Southbound | 12 mins 10 secs | 12 mins 33 secs | +23 secs | -3% | |
| Inter Peak | | | | | |
| Northbound | N/A | 12 mins 36 secs | - | - | |
| Southbound | N/A | 12 mins 08 secs | - | - | |
| PM Peak | | | | | |
| Northbound | 12 mins 24 secs | 13 mins 03 secs | +39 secs | -5% | |
| Southbound | 11 mins 0 secs | 12 mins 09 secs | +1 min 9 secs | -10% | |

Table B.6a: Detailed Travel Time Data (AM Peak Period) - Route 1 - A80 / M80

| Route Section | Ope | Observed Pre- Opening (2005 - 2007) | | Observed Post Opening (2013) | | Time Savings (mins / secs) | |
|--|-------------------|---|-------------------|---------------------------------|------------------|-------------------------------|--|
| | Nb | Sb | Nb | Sb | Nb | Sb | |
| M80(T) J2 to M73(T) Merge | 5 mins 43 secs | 8 mins 50 secs | 5 mins 20 secs | 6 mins 48 secs | 23 secs | 2 mins 2 secs | |
| M73(T) Merge to M80(T) J4a Low Wood | 3 mins 20 secs | 3 mins 36 secs | 1 min 35 secs | 1 min 10 secs | 1 min 45 secs | 2 mins 26 secs | |
| M80(T) J4a Low Wood to M80(T) J5 Auchenkilns | 37 secs | 35 secs | 42 secs | 31 secs | -5 secs | 4 secs | |
| M80(T) J5 Auchenkilns to M80(T) J6 Old Inns | 2 mins 40 secs | 2 mins 50 secs | 3 mins 27 secs | 2 mins 22 secs | -47 secs | 28 secs | |
| M80(T) J6 Old Inns to M80(T) J6a Castlecary | 2 mins 19 secs | 2 mins 9 secs | 2 mins 17 secs | 2 mins | 2 secs | 9 secs | |
| M80(T) J6a Castlecary to M80(T) J7 Haggs | 56 secs | 41 secs | 46 secs | 46 secs | 10 secs | -5 secs | |

Table B.6b: Detailed Travel Time Data (IP Period) - Route 1 - A80 / M80

| Route Section | Ope | ed Pre- ning - 2007) | Observed Post Opening (2013) | | Time Savings (mins / secs) | |
|--|-------------------|----------------------------|---------------------------------|-------------------|-------------------------------|-------------------|
| | Nb | Sb | Nb | Sb | Nb | Sb |
| M80(T) J2 to M73(T) Merge | 6 mins 10 secs | 7 mins 41 secs | 5 mins 10 secs | 5 mins 19 secs | 1 min | 2 mins 22 secs |
| M73(T) Merge to M80(T) J4a Low Wood | 3 mins 16 secs | 2 mins 20 secs | 1 min 14 secs | 1 min 4 secs | 2 mins 2 secs | 1 min 16 secs |
| M80(T) J4a Low Wood to M80(T) J5 Auchenkilns | 35 secs | 20 secs | 30 secs | 29 secs | 5 secs | -9 secs |
| M80(T) J5 Auchenkilns to M80(T) J6 Old Inns | 2 mins 30 secs | 2 mins 27 secs | 2 mins 22 secs | 2 mins 7 secs | 8 secs | 20 secs |
| M80(T) J6 Old Inns to M80(T) J6a Castlecary | 1 min 45 secs | 2 mins 13 secs | 1 min 41 secs | 1 min 46 secs | 4 secs | 27 secs |
| M80(T) J6a Castlecary to M80(T) J7 Haggs | 43 secs | 38 secs | 42 secs | 42 secs | 1 sec | -4 secs |

Table B.6c: Detailed Travel Time Data (PM Peak Period) - Route 1 - A80 / M80

| Route Section | Ope | Observed Pre- Opening (2005 - 2007) | | ed Post g (2013) | Time Savings (mins / secs) | |
|--|-------------------|---|-------------------|---------------------|-------------------------------|------------------|
| | Nb | Sb | Nb | Sb | Nb | Sb |
| M80(T) J2 to M73(T) Merge | 6 mins 50 secs | 7 mins 23 secs | 5 mins 30 secs | 5 mins 34 secs | 1 min 20 secs | 1 min 49 secs |
| M73(T) Merge to M80(T) J4a Low Wood | 3 mins 32 secs | 2 mins 27 secs | 1 min 19 secs | 1 min 9 secs | 2 mins 13 secs | 1 min 18 secs |
| M80(T) J4a Low Wood to M80(T) J5 Auchenkilns | 37 secs | 20 secs | 33 secs | 34 secs | 4 secs | -14 secs |
| M80(T) J5 Auchenkilns to M80(T) J6 Old Inns | 2 mins 30 secs | 2 mins 33 secs | 2 mins 35 secs | 2 mins 32 secs | -5 secs | 1 sec |
| M80(T) J6 Old Inns to M80(T) J6a Castlecary | 1 min 50 secs | 2 mins 36 secs | 2 mins | 2 mins 18 secs | -10 secs | 18 secs |
| M80(T) J6a Castlecary to M80(T) J7 Haggs | 47 secs | 46 secs | 47 secs | 1 min | 0 secs | -14 secs |

Table B.7: Travel Time Reliability

| | | | • | | | | | | |
|------------|------------|---|------------|--------|------------|---|--------|--------|--|
| Direction | | Observed Pre-Opening Journey Times (2005 – 2007) | | | | Observed Post Opening Journey Times (2013) | | | |
| | Min | Max | Range | SD | Min | Max | Range | SD | |
| AM Peak | | | | | | | | | |
| Northbound | 13m 14s | 25m 12s | 11m 58s | 3m 7s | 10m 47s | 19m 51s | 9m 4s | 3m 1s | |
| Southbound | 13m 51s | 37m 16s | 23m 25s | 4m 38s | 10m 35s | 19m 25s | 8m 50s | 2m 32s | |
| Inter Peak | | | | | | | | | |
| Northbound | 14m 4s | 15m 35s | 1m 31s | 26s | 10m 22s | 12m 30s | 2m 8s | 33s | |
| Southbound | 15m 4s | 16m 29s | 1m 25s | 28s | 10m 32s | 12m 4s | 1m 32s | 25s | |
| PM Peak | | | | | | | | | |
| Northbound | 14m 9s | 22m 23s | 8m 14s | 1m 25s | 11m 20s | 15m 29s | 4m 9s | 54s | |
| Southbound | 14m 31s | 23m 19s | 8m 48s | 1m 21s | 11m 52s | 14m 23s | 2m 31s | 38s | |

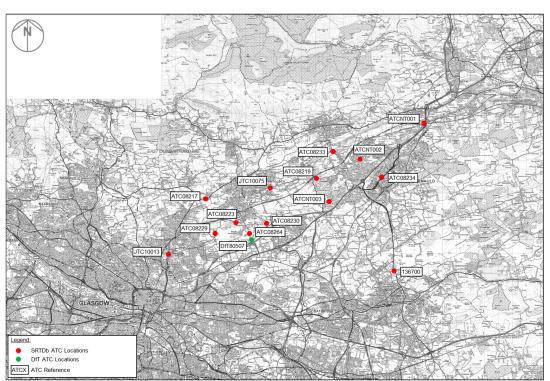
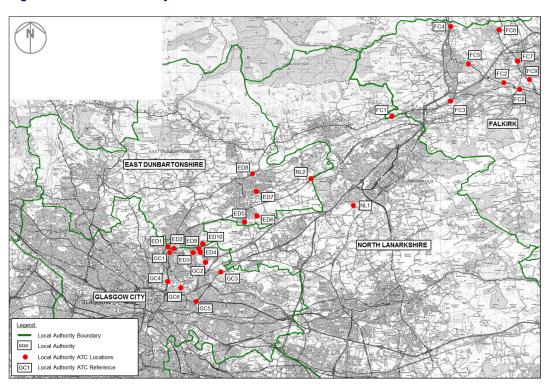


Figure B.3: SRTDb ATC Location Plan – Local Road Network





B.3 COMPARISON BETWEEN PRE AND POST OPENING VEHICLE SPEEDS

Table B.8a: Assessment of Mean Vehicle Speeds (mph) – May 2008 / 2013

| | N/B | 0/0 | IP Period (12:00 – 14:00) | | (10.00 - | PM Period (16:00 – 18:00) | |
|------------------------|-------------|----------------|------------------------------|--------------|----------|------------------------------|--|
| | | S/B | N/B | S/B | N/B | S/B | |
| M80 J1 (Provan) - M8 | 80 J2 (Rob | royston) | | | | | |
| Pre-Opening | 60 | 58 | 59 | 59 | 57 | 57 | |
| Post Opening | 56 | 42 | 55 | 49 | 54 | 50 | |
| M80 J2 (Robroyston) | - M80 J3 (| (Hornshill) | | | | | |
| Pre-Opening | 50 | 59 | 48 | 60 | 46 | 61 | |
| Post Opening | 62 | 56 | 60 | 59 | 59 | 60 | |
| M80 J3 (Hornshill) - M | M80 J4 (Mo | ollinsburn) - | Moodiesbu | ırn Bypass S | Section | | |
| Pre-Opening | N/A | N/A | N/A | N/A | N/A | N/A | |
| Post Opening | 65 | 66 | 65 | 66 | 64 | 67 | |
| M73 Merge - M80 J4a | (Low Wo | od) | | | | | |
| Pre-Opening | 60 | 58 | 59 | 59 | 57 | 57 | |
| Post Opening | 61 | 65 | 63 | 64 | 60 | 64 | |
| M80 J5 (Auchenkilns |) - M80 J6 | (Old Inns) | | | | | |
| Pre-Opening | 58 | 64 | 58 | 62 | 59 | 60 | |
| Post Opening | 57 | 61 | 61 | 61 | 58 | 57 | |
| M80 J6 (Old Inns) - M | 180 J6a (Ca | astlecary) | | | | | |
| Pre-Opening | 60 | 60 | 61 | 57 | 61 | 52 | |
| Post Opening | 59 | 62 | 63 | 61 | 61 | 57 | |
| M80 J6a (Castlecary) | - M80 J7 | (Haggs) | | | | | |
| Pre-Opening | 59 | 64 | 60 | 64 | 60 | 59 | |
| Post Opening | 63 | 60 | 62 | 62 | 56 | 60 | |
| M73 J2a (Gartcosh) - | M73 J3 (N | Mollinsburn) | | | | | |
| Pre-Opening | 66 | 66 | 67 | 65 | 66 | 66 | |
| Post Opening | 62 | 62 | 63 | 62 | 63 | 61 | |
| M73 J1 (Daldowie) - I | M73 J2 (Ba | aillieston Int | erchange) | | | | |
| Pre-Opening | 62 | 66 | 62 | 66 | 63 | 65 | |
| Post Opening | 62 | 56 | 63 | 62 | 61 | 52 | |
| A80 Cumbernauld Ro | oad at Mod | odiesburn | | | | | |
| Pre-Opening | 36 | 37 | 34 | 39 | 27 | 39 | |
| Post Opening | 41 | 41 | 40 | 41 | 40 | 41 | |

Table B.8b: Assessment of Mean Vehicle Speeds (mph) – October 2008 / 2012

| able B.ob. Asses | AM Period (08:00 – 10:00) | | IP Period (12:00 – 14:00) | | PM Period (16:00 – 18:00) | |
|---------------------|------------------------------|---------------|------------------------------|--------------|------------------------------|-----|
| | N/B | S/B | N/B | S/B | N/B | S/B |
| M80 J1 (Provan) - I | VI80 J2 (Rob | royston) | | | | |
| Pre-Opening | 54 | 51 | 57 | 57 | 50 | 53 |
| Post Opening | 56 | 42 | 55 | 49 | 54 | 50 |
| M80 J2 (Robroysto | n) - M80 J3 | (Hornshill) | | | | |
| Pre-Opening | 49 | 56 | 48 | 58 | 44 | 58 |
| Post Opening | 62 | 54 | 61 | 59 | 58 | 60 |
| M80 J3 (Hornshill) | - M80 J4 (M | ollinsburn) - | - Moodiesbu | ırn Bypass S | Section | |
| Pre-Opening | N/A | N/A | N/A | N/A | N/A | N/A |
| Post Opening | 64 | 66 | 65 | 66 | 63 | 66 |
| M73 Merge - M80 J | 4a (Low Wo | od) | | | | |
| Pre-Opening | 54 | 51 | 57 | 57 | 50 | 53 |
| Post Opening | 56 | 64 | 63 | 64 | 61 | 64 |
| M80 J5 (Auchenkil | ns) - M80 J6 | (Old Inns) | | | | |
| Pre-Opening | 49 | 62 | 60 | 64 | 57 | 55 |
| Post Opening | 54 | 62 | 63 | 63 | 61 | 58 |
| M80 J6 (Old Inns) - | M80 J6a (C | astlecary) | | | | |
| Pre-Opening | 53 | 56 | 61 | 55 | 59 | 44 |
| Post Opening | 58 | 60 | 63 | 61 | 61 | 58 |
| M80 J6a (Castleca | ry) - M80 J7 | (Haggs) | | | | |
| Pre-Opening | 54 | 63 | 60 | 63 | 57 | 63 |
| Post Opening | 61 | 57 | 61 | 62 | 57 | 61 |
| M73 J2a (Gartcosh |) - M73 J3 (I | Mollinsburn) |) | | | |
| Pre-Opening | N/A | N/A | N/A | N/A | N/A | N/A |
| Post Opening | 60 | 61 | 63 | 61 | 63 | 62 |
| M73 J1 (Daldowie) | - M73 J2 (B | aillieston In | terchange) | | | |
| Pre-Opening | 62 | 64 | 62 | 64 | 62 | 64 |
| Post Opening | 59 | 57 | 61 | 61 | 59 | 53 |
| A80 Cumbernauld | Road at Mo | odiesburn | | | | |
| Pre-Opening | 36 | 36 | 34 | 39 | 27 | 39 |
| Post Opening | 41 | 41 | 41 | 41 | 40 | 41 |

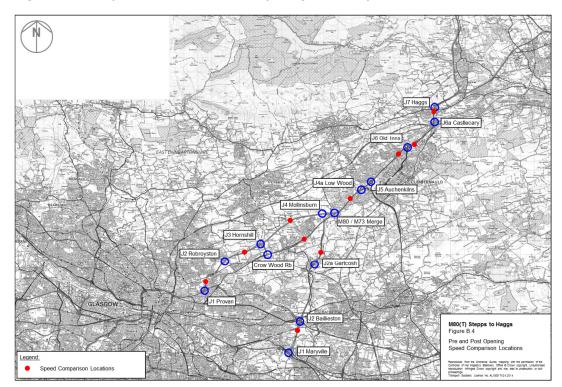


Figure B.5: Comparison of Pre and Post Opening Vehicle Speed Locations

B.4 COMPARISON BETWEEN PRE AND POST OPENING ACCIDENT DATA

Table B.9a: 5 Year Pre-Opening Accident Data Summary

| Period | Fatal | Serious | Slight | Total |
|---|-------|---------|--------|-------|
| 5 Years Before (August 2003 – August 200 | 08) | | | |
| Trunk Routes (including A80) | | | | |
| A80(T) Blackhill to Stepps | 2 | 2 | 42 | 46 |
| A80(T) Stepps to Mollinsburn | 1 | 9 | 61 | 71 |
| A80(T) Mollinsburn to Old Inns | 2 | 7 | 68 | 77 |
| A80(T) Old Inns to Haggs | 1 | 6 | 22 | 29 |
| M80(T) Haggs to Dennyloanhead | 2 | 1 | 11 | 14 |
| M80(T) Dennyloanhead to Stirling Services | 1 | 4 | 7 | 12 |
| M876(T) Haggs to Larbert | 0 | 0 | 8 | 8 |
| M8(T) Royston to M80 Junction | 0 | 2 | 34 | 36 |
| M73(T) Mollinsburn to Marnoch | 0 | 0 | 15 | 15 |
| Total – Trunk Routes | 9 | 31 | 268 | 308 |
| Other Local Routes | | | | |
| B802 A80 to Kilsyth | 0 | 5 | 36 | 41 |
| Westfield/Eastfield Rd Link | 0 | 11 | 51 | 62 |
| A8011 through Cumbernauld | 3 | 8 | 31 | 42 |
| A73 Rigghead to A80 | 0 | 2 | 13 | 15 |
| A806 Stepps to Kirkintilloch | 0 | 4 | 12 | 16 |
| A80 Riddrie to Stepps | 0 | 3 | 45 | 48 |
| A803 Bishopbriggs to Haggs | 3 | 21 | 112 | 136 |
| A803 Haggs to Falkirk | 0 | 6 | 26 | 32 |
| A883 Denny to Carmuirs | 0 | 8 | 28 | 36 |
| A872 Dennyloanhead to Stirling Services | 0 | 3 | 19 | 22 |
| Total – Local Routes | 6 | 71 | 373 | 450 |
| Total - Wider Study Area* | 30 | 277 | 1549 | 1856 |

^{*&#}x27;Total study area' includes all defined zones plus all routes within wider zone i.e. B/C and unclassified routes

Table B.9b: 3 Year Pre Opening Accident Data Summary

| Period | Fatal | Serious | Slight | Total |
|---|-------|---------|--------|-------|
| 3 Years Before (August 2005 – August 200 | 08) | | | |
| Trunk Routes (including A80) | | | | |
| A80(T) Blackhill to Stepps | 1 | 1 | 30 | 32 |
| A80(T) Stepps to Mollinsburn | 1 | 6 | 33 | 40 |
| A80(T) Mollinsburn to Old Inns | 2 | 5 | 36 | 43 |
| A80(T) Old Inns to Haggs | 1 | 4 | 12 | 17 |
| M80(T) Haggs to Dennyloanhead | 2 | 0 | 7 | 9 |
| M80(T) Dennyloanhead to Stirling Services | 0 | 2 | 4 | 6 |
| M876(T) Haggs to Larbert | 0 | 0 | 6 | 6 |
| M8(T) Royston to M80 Junction | 0 | 1 | 21 | 22 |
| M73(T) Mollinsburn to Marnoch | 0 | 0 | 5 | 5 |
| Total – Trunk Routes | 7 | 19 | 154 | 180 |
| Other Local Routes | | | | |
| B802 A80 to Kilsyth | 0 | 3 | 22 | 25 |
| Westfield/Eastfield Rd Link | 0 | 7 | 22 | 29 |
| A8011 through Cumbernauld | 2 | 8 | 20 | 30 |
| A73 Rigghead to A80 | 0 | 1 | 3 | 4 |
| A806 Stepps to Kirkintilloch | 0 | 2 | 5 | 7 |
| A80 Riddrie to Stepps | 0 | 1 | 26 | 27 |
| A803 Bishopbriggs to Haggs | 3 | 14 | 65 | 82 |
| A803 Haggs to Falkirk | 0 | 2 | 15 | 17 |
| A883 Denny to Carmuirs | 0 | 2 | 17 | 19 |
| A872 Dennyloanhead to Stirling Services | 0 | 1 | 11 | 12 |
| Total – Local Routes | 5 | 41 | 206 | 252 |
| Total - Wider Study Area* | 18 | 163 | 867 | 1048 |

^{*&#}x27;Total study area' includes all defined zones plus all routes within wider zone i.e. B/C and unclassified routes

Table B.9c: 1 Year Post Opening Accident Data Summary

| able B.5c. I Teal T 05t Opening Acciden | t Data Guilli | | | |
|--|---------------|---------|--------|-------|
| Period | Fatal | Serious | Slight | Total |
| 1 Year After (July 2012 – June 2013) | | | | |
| Trunk Routes (including upgraded M80) | | | | |
| M80(T) Blackhill to Stepps | 0 | 1 | 6 | 7 |
| Bypassed A80 Stepps to Mollinsburn | 0 | 0 | 0 | 0 |
| M80(T) Hornshill to Mollinsburn (Mollinsburn Bypass Section) | 0 | 0 | 0 | 0 |
| M80(T) Mollinsburn to Old Inns | 0 | 1 | 13 | 14 |
| M80(T) Old Inns to Haggs | 0 | 0 | 3 | 3 |
| M80(T) Haggs to Dennyloanhead | 0 | 0 | 9 | 9 |
| M80(T) Dennyloanhead to Stirling Services | 0 | 1 | 4 | 5 |
| M876(T) Haggs to Larbert | 0 | 0 | 1 | 1 |
| M8(T) Royston to M80 Junction | 0 | 0 | 2 | 2 |
| M73(T) Mollinsburn to Marnoch | 0 | 1 | 2 | 3 |
| Total – Trunk Routes | 0 | 4 | 40 | 44 |
| Other Local Routes | | | | |
| B802 A80 to Kilsyth | 0 | 1 | 2 | 3 |
| Westfield/Eastfield Rd Link | 0 | 0 | 4 | 4 |
| A8011 through Cumbernauld | 1 | 1 | 1 | 3 |
| A73 Rigghead to A80 | 0 | 1 | 3 | 4 |
| A806 Stepps to Kirkintilloch | 0 | 2 | 4 | 6 |
| A80 Riddrie to Stepps | 0 | 0 | 4 | 4 |
| A803 Bishopbriggs to Haggs | 2 | 2 | 16 | 20 |
| A803 Haggs to Falkirk | 0 | 5 | 8 | 13 |
| A883 Denny to Carmuirs | 0 | 3 | 9 | 12 |
| A872 Dennyloanhead to Stirling Services | 0 | 1 | 14 | 15 |
| Total – Local Routes | 3 | 16 | 65 | 84 |
| Total - Wider Study Area* | 4 | 42 | 223 | 269 |
| | | | | |

^{*&#}x27;Total study area' includes all defined zones plus all routes within wider zone i.e. B/C and unclassified routes