

Appendix 9.4: Road Traffic Noise Assessment

Table 9.4.1: Operational Traffic Assessment – 2016 Flows

| Port of Ardersier | | Assessment of LA10 18-hour Basic Noise Levels at 10m from Road | | | | | | | | | |
|-------------------|--|--|-----------|-------|--------------------|-----------|-------|---------------|-----------|-------------------------|--------|
| Road | | Assessment Year 2016 | | | 2016 + Development | | | % Flow Change | Base Year | Base Year + Development | Change |
| | | % HGV | Speed kph | Flow | % HGV | Speed kph | Flow | | | | |
| 1 | A96 (between Leopald Street and St Ninian Road) | 5 | 48 | 18334 | 5 | 48 | 21479 | 17.2 | 69.5 | 70.1 | 0.7 |
| 2 | A96 (between B9092 and Leopold Street) | 6 | 48 | 14670 | 6 | 48 | 17662 | 20.4 | 68.7 | 69.5 | 0.8 |
| 3 | A96 (between Site Access road and B9092) | 6 | 48 | 14613 | 6 | 48 | 15361 | 5.1 | 68.8 | 69.0 | 0.2 |
| 4 | A96 (between B9006 and Site Access) | 6 | 48 | 14696 | 6 | 48 | 19445 | 32.3 | 68.7 | 69.9 | 1.2 |
| 5 | A96 (between Inverness Airport roundabout and B9006) | 6 | 48 | 15638 | 6 | 48 | 20387 | 30.4 | 69.0 | 70.2 | 1.2 |
| 6 | A96 (between Eastfield Way and Barn Church Road) | 4 | 48 | 34107 | 4 | 48 | 37878 | 11.1 | 71.8 | 72.3 | 0.5 |
| 7 | A96 (between A9 and Eastfield Way) | 4 | 48 | 37809 | 4 | 48 | 41580 | 10.0 | 72.2 | 72.6 | 0.4 |
| 8 | B865 Milburn Road (between Old Perth Road and A9) | 2 | 48 | 23004 | 2 | 48 | 26039 | 13.2 | 69.5 | 70.0 | 0.5 |