## **Appendix B: Highway Assessment Matrix – Residential Roads**

|   | <u> </u>            |                        |  |
|---|---------------------|------------------------|--|
| 1A Highway Condition (50%) - FRONT / MAIN LANES |                     |                        |  |
| Category / Score                                | Square Area / Score | <u>Total Score / %</u> |  |
| 4 (5)   | Plus 2000 (5)       | 10 (50%)               |  |
| 4 (5)   | 1000 - 2000 (4)     | 9 (45%)                |  |
| 4 (5)   | 1000 - 500 (3)      | 8 (40%)                |  |
| 4 (5)   | less than 500 (2)   | 7 (35%)                |  |
|   |                     |                        |  |
| 3 (4)   | Plus 2000 (5)       | 9 (45%)                |  |
| 3 (4)   | 1000 - 2000 (4)     | 8 (40%)                |  |
| 3 (4)   | 1000 - 500 (3)      | 7 (35%)                |  |
| 3 (4)   | less than 500 (2)   | 6 (30%)                |  |

| 1B Highway C | 1B Highway Condition (50%) - REAR LANES x 0.5 = (25%) |           |  |
|--------------|---|-----------|--|
| 4 (5)        | Plus 2000 (5)   | 10 (25%)  |  |
| 4 (5)        | 1000 - 2000 (4)                                       | 9 (22.5%) |  |
| 4 (5)        | 1000 - 500 (3)  | 8 (20%)   |  |
| 4 (5)        | less than 500 (2)                                     | 7 (17.5%) |  |
|              |   |           |  |
| 3 (4)        | Plus 2000 (5)   | 9 (22.5%) |  |
| 3 (4)        | 1000 - 2000 (4)                                       | 8 (20%)   |  |
| 3 (4)        | 1000 - 500 (3)  | 7 (17.5%) |  |
| 3 (4)        | less than 500 (2)                                     | 6 (15%)   |  |

| Example: Location A Street              |     |  |
|---|-----|--|
| 1A - very poor condition                | 45% |  |
| 2 - High Maintenance cost               | 24% |  |
| 3 - 3 insurance claims in last 10 years | 3%  |  |
| 4 - serves 50 - 99 properties           | 10% |  |
| ΤΟΤΔΙ                                   | 82% |  |

| 2 Maintenance Costs (30%) |           |  |
|---------------------------|-----------|--|
| Costs over 5 years        | Score / % |  |
|                           |           |  |
| Plus £10,000              | 10 (30%)  |  |
| £9,999 - £5,000           | 8 (24%)   |  |
| £4,999 - £3,000           | 5 (15%)   |  |
| £2,999 - £1,000           | 3 (9%)    |  |
| Less than £1,000          | 1 (3%)    |  |
| £0.00                     | 0 (0%)    |  |

| 3 <u>Insurance Claims (10%)</u> |           |  |
|---------------------------------|-----------|--|
| No. in last 10 years            | Score / % |  |
|                                 |           |  |
| plus 5                          | 10 (10%)  |  |
| 4                               | 8 (8%)    |  |
| 3                               | 5 (5%)    |  |
| 2                               | 3 (3%)    |  |
| 1                               | 1 (1%)    |  |
| 0                               | 0 (0%)    |  |

| 4 Property Location (10%) |           |  |
|---------------------------|-----------|--|
| No. of Houses             | Score / % |  |
|                           |           |  |
| *150 +                    | 10 (10%)  |  |
| * 100 - 150               | 8 (8%)    |  |
| 50 TO 99                  | 5 (5%)    |  |
| 20 TO 49                  | 3 (3%)    |  |
| 1 TO 19                   | 1 (1%)    |  |
| 0 / rear access           | 0 (0%)    |  |

<sup>\*</sup> Also linked with other highways and can be combined in to one scheme

## Appendix C: Highway Assessment Matrix – Residential Roads: Worked Example PRUDENTIAL BORROWING SCHEME (1A) HIGHWAY CONDITION (2) MAINTENANCE COSTS (30%) (3) No. INSURANCE CLAIMS (10%) (4) PROPERTY LOCATION (10%) (1B) HIGHWAY CONDITION FRONT LANE (50%) REAR LANE (25%) 5 7 1 0 3 0 SCORES 10 9 8 6 8 6 10 8 5 3 10 8 5 3 1 0 10 8 5 1 50% 45% 40% 35% 30% 5% 3% 1% 25% 24% 15% 9% 3% 10% 1% 8% PERCENTAGE % 23% 18% 15% 30% TOTAL F % STREET / ROUTE EXAMPLE **82**% 30 STREET