Appendix B: Highway Assessment Matrix – Residential Roads

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1A Highway Condition (50%) - FRONT / MAIN LANES		
Category / Score	Square Area / Scor	<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 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%	
TOTAL	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	<u>Score / %</u>	
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	<u>Score / %</u>	
*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%)	

^{*} 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% 20% 18% 15% 30% TOTAL F % STREET / ROUTE EXAMPLE 82% STREET