

METHODOLOGY FOR SCHEME PRIORITISATION

Appendix 7

ROADS MAINTENANCE SERVICE

ROAD MAINTENANCE CAPITAL BUDGET 2016/ 2017

FACTOR SHEET CLASS A & MAJOR B CLASS ROADS

<u>Road Condition Survey</u>		<u>Traffic Volume</u>		<u>Skid Resistance (S.C.R.I.M)</u>		<u>Weighting (Tourism)</u>		<u>Residual Life (Deflectograph)</u>	
Colour	Factor	No of Vehicles per day	Factor	Colour	Factor	Factor		Colour	Factor
Red	less than or equal to 10	2k +	8	Red	2	High	1.1	Red	1.1
Amber	less than or equal to 5	1 - 2k	4	Amber	1.5	Medium	1.05	Amber	1.05
Green	less than or equal to 1	500 - 1k	2	Green	1	Low	1	Green	1
		< 500k	1						

Road Condition Survey undertaken during Summer 2015

How Value Priority Factor Is Achieved

Example:

An A class road with a red condition factor, with a traffic volume of over 2000 vehicles per day and a high tourist factor.

Therefore Value Priority Factor = $\text{Road Condition Survey} \times \text{Traffic Volume} \times \text{SCRIM} \times \text{Tourism} \times \text{Defectograph}$
 = $10 \times 8 \times 1 \times 1.1 \times 1 = 88$

Appendix 7

ROADS MAINTENANCE SERVICE

ROAD MAINTENANCE CAPITAL BUDGET 2016/ 2017

FACTOR SHEET B, C & UNCLASSIFIED ROADS

<u>Road Condition Survey</u>		<u>Traffic Volume</u>		<u>Skid Resistance (S.C.R.I.M)</u>		<u>Weighting (Tourism)</u>		<u>Residual Life (Deflectograph)</u>	
Colour	Factor	No of Vehicles per day	Factor	Colour	Factor	Factor		Colour	Factor
Red	less than or equal to 10	1k +	8	Red	2	High	1.1	Red	1.1
Amber	less than or equal to 5	500 - 1k	4	Amber	1.5	Medium	1.05	Amber	1.05
Green	less than or equal to 1	250 - 500	2	Green	1	Low	1	Green	1
		< 250k	1						

Road Condition Survey undertaken during Summer 2015

How Value Priority Factor Is Achieved

Example:

A 'C' class road with a red condition factor, with a traffic volume of between 500 and 1000 vehicles per day and a high tourist factor.

Therefore Value Priority Factor = $\text{Road Condition Survey} \times \text{Traffic Volume} \times \text{SCRIM} \times \text{Tourism} \times \text{Defectograph}$
 = $10 \times 4 \times 1 \times 1.1 \times 1 = 44$