

MAJOR INVESTMENT IN HIGHWAY INFRASTRUCTURE ASSETS

Appendix A -The results of the 'steady state' model

Introduction

Using the HMEP carriageway Lifecycle Planning Toolkit and Herefordshire specific asset data we have developed the detail within our model to project future condition based on a 'steady state' at current funding levels at approximately £7 Million per annum for capital highway maintenance works.

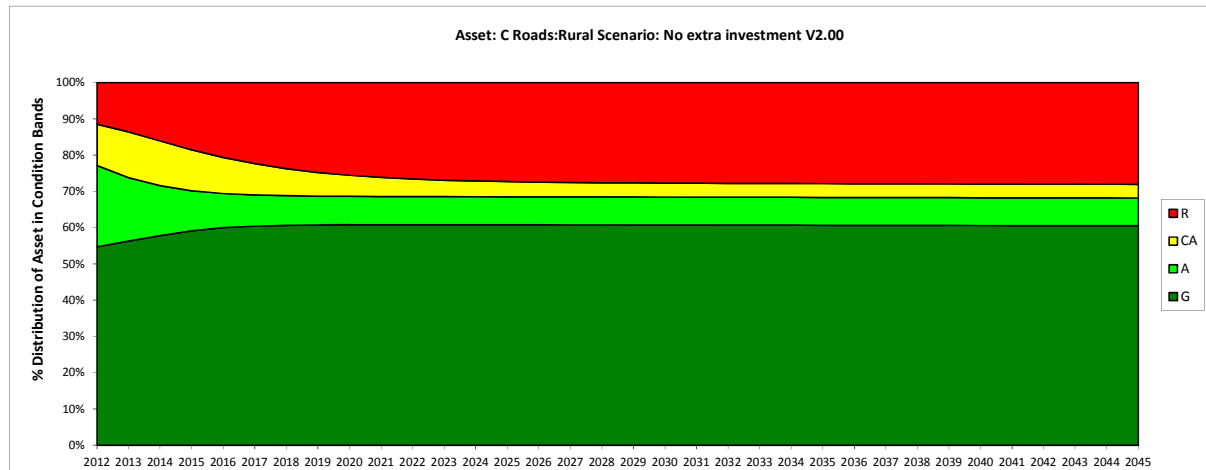
Results

The following table identifies the projected road condition for each homogeneous component of the carriageway asset as a consequence of the above investment scenario.

Homogeneous Component of the Asset	Base Condition (2012 proportion of the asset identified as in need of maintenance)	Projected Condition at 2016	Projected condition at the end of the 10 year contract term (2023 survey results)
A Roads (Urban)	6.4%	4.62%	5.97%
A Roads (Rural)	7.5%	18.18%	16.96%
B Roads (Urban)	6%	8.80%	10.32%
B Roads (Rural)	6%	9.86%	15.82%
C Roads (Urban)	6.2%	7.46%	9.97%
C Roads (Rural)	10.3%	20.62%	26.88%
U Roads (Urban)	17%	12.43%	10.79%
U Roads (Rural)	31%	32.2%	30.39%

The following is a graphical illustration of the protected road condition for a component the carriageway asset as a consequence of the above investment scenario.

Rural C Roads



Key

Condition bands

R – 'Red' in need of maintenance

CA – 'Critical Amber'

A – 'Amber'

G – 'Green' in good condition