

Highways Asset Management Plan (HAMP) 2007

Interim Update on life of surfacing materials used in highway construction.

The life expectancy for surfacing materials within Powys was previously identified in the 2007 and will be re-considered in the update of the HAMP currently being undertaken.

The movement of surface dressing from the revenue stream to capital funding requires the life expectancy to be sub-divided having regard to the class of road and type of treatment. In the interim, ahead of formal approval of the new HAMP, it is recommended that the life expectancies in Table 1 below are adopted in order to inform financing of the capital funding allocations.

In May 2011 the Association of Directors of Environment, Economy, Planning and Transport (ADEPT) together with the Road Surface Treatments Association (RSTA) published a joint report titled "Service Life of Surface Treatments" www.rsta-uk.org/downloads/RSTA-ADEPT-Service-Life-document.pdf which considered average life expectancy having regard to requirements for asset management best practice.

Using the ADEPT/RSTA document as a baseline and having regard to the nature of routes across Powys the following indicative life expectancies are considered appropriate for the region:

		Resurfacing	Structural Maintenance	Proprietary Surfacing *	Surface Dressing
Road Class	Urban/Rural	Interval (years)	Interval (years)	Interval (years)	Interval (years)
Class 1	Urban	30	20	10	10
	Rural	30	20	10	10
Class 2	Urban	40	30	12	12
	Rural	60	50	15	15
Class 3	Urban	40	30	15	20
	Rural	60	50	25	20
Unclassified	Urban	40	30	15	25
	Rural	60	50	25	25

Table 1

* Proprietary Surfacing covers a number of different surface treatment methods, including Thin Surfacing and Micro Surfacing, and offers an alternative surface treatment to traditional resurfacing and surface dressing methods. The specific method adopted is determined on a site specific basis to ensure the best ratio of life expectancy to financial spend.