

## 2.4 Prioritizing Maintenance Needs

Life cycle estimates for fixed assets can be helpful for anticipating maintenance requirements. Although variable exposure to the elements (intensity of sun exposure, pooling water, etc) and to traffic loads can greatly impact outcomes, the ranges shown below can give an idea of average life of asphalt pavement preservation treatments.

*Table 7. Estimated Extended Life (years) for Preservation Surface Treatments for Asphalt Pavements*

Treatment Type	Existing Pavement Condition		
	Good	Fair	Poor
Crack filling/ sealing	3-4	2-3	0-2
Chip and seal	6-8	4-6	3-4
Fog seal	4-5	1-4	Not recommended
Slurry Seal	6-7	3-6	2-4
Thin Overlay	6-17	5-10	2-4
Scrub Seal	4-6	4-6	1-4

*Source: [USDOT, FHWA](#)*