

Pavement-Work Type	Design Life, Years
PCCP	30
PCCP over Existing Pavement	25
HMA Pavement with SMA	25
HMA with SMA Surface Overlay on Rubblized PCC	25
HMA Pavement	20
HMA Overlay on CRCP	20
HMA Overlay on Rubblized PCC	20
HMA Overlay on Cracked and Seated PCC	15
HMA Overlay over Perpetual Asphalt ¹	
Structural	n/a
Functional	18
Preventative Maintenance	15
HMA Overlay over Built-Up Asphalt ¹	
Structural	18
Functional	15
Preventative Maintenance	9
HMA Overlay over PCCP ¹	
Structural	15
Functional	12
Preventative Maintenance ²	5
HMA Overlay over JRCP or JPCP ¹	
Structural	15
Functional	12
PCCP Joint Sealing	8
Ultrathin Bonded Wearing Course (UBWC)	8
Microsurface Overlay	8
Concrete Pavement Rehabilitation (CPR) Techniques	6
Chip Seal	4
Asphalt Crack Sealing, Rout and Seal	3
Asphalt Crack Sealing	1

¹ The performance period should be reduced from the value shown if the existing pavement is overly distressed.

² The performance period should be increased to 8 yr for existing composite HMA over PCCP.

PAVEMENT DESIGN LIFE

Figure 52-8A