

Treatment	AADT <sup>1</sup>	Pavement Distresses	Rutting, mm	IRI	Friction Treatment?	Surface Aging
Crack Seal	Any	Low to Moderately Severe Surface Cracks	n/a	n/a	No	n/a
Fog Seal	< 5,000 <sup>2</sup>	Low-Severity Environmental Surface Cracks	n/a	n/a	No <sup>3</sup>	Reduces aging and oxidation; arrests minor raveling
Seal Coat	< 5,000 <sup>2</sup>	Low-Severity Environmental Surface Cracks	< 6 <sup>4</sup>	n/a <sup>4</sup>	Yes	Arrests aging, oxidation, and minor raveling
Microsurface	Any	Low-Severity Surface Cracks	Any	< 2050	Yes	Arrests aging, oxidation, and minor raveling
UBWC	Any	Low to Moderately Severe Surface Cracks	< 6	< 2210	Yes	Arrests aging, oxidation, and moderate raveling
HMA Inlay	Any	Low to Moderately Severe Surface Cracks	Any	< 2370	Yes	Replaces aged, oxidized, or raveled surface
HMA Overlay	Any	Low to Moderately Severe Surface Cracks	Any	< 2370	Yes	Arrests aging, oxidation, and moderate raveling

Notes:

1. For mainline pavement.
2. Unless traffic can be adequately controlled.
3. Treatment may reduce skid numbers.
4. Treatment does not address this.

### HMA PM TREATMENTS

**Figure 52-11A**