



Best Practices: Rumble Strip Designs for Bicycle Safety

There are clear, nationally recognized rumble strip design standards for bicycle safety, including the FHWA and AASHTO guidelines. However, these guidances lack specific dimensions for many key design features. The following design standards are compiled from a variety of studies and guidances that consider bicyclist safety and comfort. Many of these recommendations are minimum standards, and for optimal bicyclist safety and comfort we advise exceeding minimum standards.

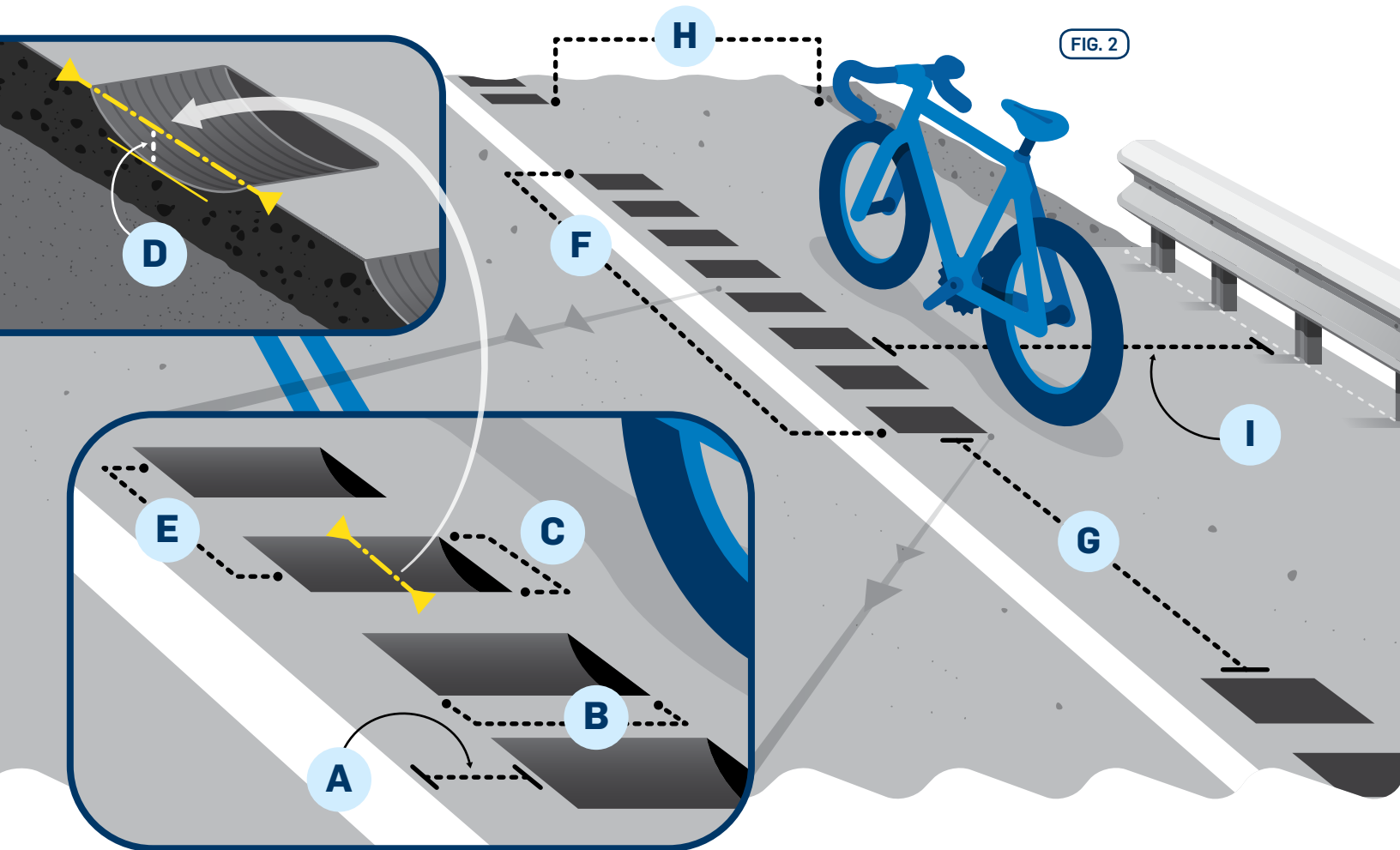


FIG. 2

A Offset: 0-6"

B Transverse Length: 6"

C Parallel Width: 5-7"

D Depth: 3/8"

E Center to Center Spacing: 10-12"

F Strip Length Before Gap: 40-60'

G Gap Length: 10-12'

H Minimum Shoulder Width: 4'

I Minimum Shoulder Width w/Guardrail: 5'