

This is a Comment on the **Federal Highway Administration (FHWA) Proposed Rule: National Performance Management Measures: Assessing Pavement Condition for the National Highway Performance Program and Bridge Condition for the National Highway Performance Program**

For related information, [Open Docket Folder](#) 

[Comment Now!](#)

Due May 8 2015, at 11:59 PM ET

Comment

Comment 1: "The FHWA proposes in 490.311(b)(4) that for jointed concrete pavement, the Cracking_Percent metric would be computed as the percentage of slabs, to the nearest whole percent, within the section that exhibit cracking." This requirement does not define the type and extent of cracking and as such is inadequate to define the condition or performance of the concrete pavement. For example, undoweled concrete pavements typically have a controlled crack (i.e. joint) every 15 ft and typically exceed the design life of the pavement. The simple presence of a crack does not characterize a bad slab or pavement section. Since there is no definition as to what constitutes a crack, ASR cracking, plastic shrinkage cracks, cracks forming sliver spalls all could be considered cracking, but may have little to no detrimental effects on pavement performance. One six inch long crack could be assessed as constituting a bad slab by the present definition.

The metric also does not address whether a slab which contains a crack is still measured as a cracked slab after it has been sealed and/or repaired. If a crack is always counted as a crack even if it has been restored, then the requirements would promote a do nothing strategy.

Comment 2: The roughness criteria is based on IRI, which is the simulated response of a vehicle traveling at 50 mph over the roadway. However, the criteria is the same for all roadways (except urban and rural) independent of the posted speed limit. There should be different categories which are speed based, instead of just urban and rural distinctions.

ID: FHWA-2013-0053-0106
Tracking Number: 1jz-8ion-zpf8

Document Information

Date Posted:
May 7, 2015

RIN:
2125-AF53

[Show More Details](#) 

Submitter Information

Submitter Name:
Larry Scofield

Country:
United States