

No:	1
Title:	Wheel Track Cracking and Carriageway Major Cracking in CVI Surveys
Issue No:	1
Date of Issue:	24 April, 2002
Issue:	The UKPMS Visual Survey Manual defines CVI Major Cracking as a "lane length" defect for which the no of lanes over a chainage length is recorded. Representations from a number of local authorities and survey companies and extensive consultations with the UKPMS Technical Steering Group, supported by a site trial resulted in a revision the way this defect is treated. The intention is that the revised approach will be easier to record on site and will result in a more accurate assessment of area cracking within the CVI survey.
Advice:	<p>Two changes are made to the CVI defects collected on bituminous surfaced carriageways:</p> <ol style="list-style-type: none"> 1. The defect "CVI Carriageway Major Cracking" becomes "CVI Wheel Track Cracking". This defect retains the same defect codes, BCKJ, OCKJ, MCKJ TCKJ, and will continue to be recorded as a "Lane Length" defect. <p>The new defect definition is:</p> <p>"Wide single cracking or multiple cracking / coarse crazing occurring within the wheel tracks"</p> 2. The defect "CVI Major Fretting" becomes "CVI Wearing Course Deterioration". This defect retains the same defect codes, BFEJ, OFEJ, MFEJ, TFEJ, and continues to be recorded as a "Lateral Extent" defect. <p>The new defect definition is:</p> <p>"Wide single cracking or multiple cracking/coarse crazing with visible crack width. Loss of material other than surface applied chippings from the wearing surface or pot-holing to the degree that the original wearing surface is no longer discernible."</p> <p>Suppliers of DCD software may well chose to provide facilities to facilitate collection of these defects by combining the recording of CVI Wheel Track Cracking and the cracking element of CVI Wearing Course Deterioration. The UKPMS DCD accreditation test will ensure that such facilities are exactly equivalent to the "standard" approach of collecting such defects separately.</p>



UKPMS Advice Note

Impact on Rules and Parameters:	Descriptions for the affected defects in the <i>Defect</i> table in Rules and Parameters Version RP3.0 should be updated in line with this note, until such time as a future version is released. All other tables are unaffected.
Impact on other Documents:	All references to the affected defects and their definitions in the UKPMS Visual Survey Manual should be updated.
Further Information Sources:	