

WORKSHOP REMIT

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Presentation topic	Please check the box to identify your topic area:		
	1. Traffic management		<input type="checkbox"/>
	2. Road and roadside design for safety		<input checked="" type="checkbox"/>
	3. Meeting needs of principal road user groups		<input type="checkbox"/>
	4. Integrating transport infrastructure and land-use		<input type="checkbox"/>
	5. The transportation profession		<input type="checkbox"/>
Presentation title	Illuminated Lane Marking		
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KEYWORDS: Illuminated lane marking, Intelligent road studs			
ABSTRACT			
<p>Illuminated lane marking or intelligent road studs are a relatively recent innovation in the traffic engineers tool kit. They include solar powered and hard wired systems which can be either light sensitive i.e. the intelligent studs sense darkness so they automatically switch on, or they can be controlled by simple control gear.</p> <p>Picture the traditional 'cats eye' with an LED (light emitting diode) so you can see it from up to 900 metres away or a hard wired 14 LED road stud brightly flashing during the day and dimmed slightly during night time operation. That's what intelligent road studs are.</p> <p>So whether it is a problem bend which requires additional delineation, or a contra flow system which is turned on during peaks flow operation, or an off road bike path where the cost of traditional street lighting is prohibitive; the application of intelligent road studs does provide an alternative.</p>			