

BACK TO THE FUTURE

Transportation Conference 2006
IPENZ Transportation Group Workshop & Conference

WORKSHOP REMIT

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Presentation topic	Please check the box to identify your topic area:		
	1. Traffic management		<input checked="" type="checkbox"/>
	2. Road and roadside design for safety		<input 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	Paramics modelling of highly congested offset T intersection		
Presentation Remit			
<p>Riccarton Road in Christchurch is highly congested, with about 27,000 veh/day using this two-lane carriageway. One of the major capacity restraints is the offset T intersection formed by Clyde, Riccarton and Wharenui Roads.</p> <p>A proposal to slightly widen Riccarton Road through this intersection and providing exclusive left turning phases for Riccarton Road has been modelled in Paramics. Network travel times are predicted to decrease between 27% and 35% during peak periods.</p> <p>Paramics proved to be the ideal analysis tool, as the minimal offset between the T intersections required the two intersections to be modelled simultaneously.</p>			