

IPENZ Transportation Group Conference 2017







ipenztgconference.co.nz

ABSTRACT SUBMISSION FORM

(Please complete a separate form for each submission)

Note: All abstracts must be submitted on an official abstract submission form (this document) All presenters are expected to register to attend the conference.

Key author for correspondence:			
First name	Nathan	Surname	Harper
Organisation	AECOM		
Postal address	PO Box 434 Waikato MC, Hamilton 3240		
E-mail address	Nathan.Harper@aecom.com		
Phone number	+64 7 834 8996	Mobile	+64 21 805 601
2nd co-author:			
First name	Robyn	Surname	Denton
Organisation	Hamilton City Council		
3rd co-author:			
First name	John	Surname	Kinghorn
Organisation	AECOM		
I acknowledge that I am required to cover my own travel, accommodation and registration fees to attend the conference. Registration details can be viewed on the conference website http://www.ipenztgconference.co.nz/registration/			
Proposed paper format: (Refer the 'Call for Abstracts' document for descriptions)			
Research paper Note: Peer review is compulsory for research papers		Practice paper Would you like your paper peer reviewed? Yes⊠ No □ Note: Only peer reviewed papers will qualify for paper awards	
Preferred presentation format:			
(The programme committee reserves the right to change your assigned format)			
Oral presentation Roundtable presentation Display poster Don't mind			
I qualify for the young author's award (solo author aged under 30 yr of age as at 1 March 2017)			
I qualify for the student's award (solo author and enrolled full time student as at 1 Jan 2017)			
Paper details:			
Presentation title:	Advanced Network Management in Hamilton and the Wider Transport Network		



IPENZ Transportation Group Conference 2017 29 - 31 March 2017





ipenztgconference.co.nz

Overview of presentation (300 word maximum)

Include details of topic scope, key findings, and any issues for discussion or further investigation

The OneNetwork partnership between Hamilton City Council, the NZ Transport Agency and Waikato Regional Council has embarked on a Detailed Business Case to identify how best to carry out Advanced Network Management (ANM) for the city and wider region.

Problems identified by the stakeholders include a lack of data on how Hamilton's network performs, and that outdated technology and systems restrict our ability to respond to our current and future transport needs. The benefits sought from solving these problems are improved network management and monitoring capability, greater optimisation across the transport network, and better informed customers.

This paper and presentation will discuss the journey taken by the multi-agency group in establishing the 'chicken and egg' need for investment, developing and assessing a range of options, and ultimately recommending staged investment in a co-located Traffic Operations Centre. This facility will be a step change in proactively managing the Hamilton and wider transport system, to make the best possible use of the existing investment in our network.

Email completed abstract form to <u>glenda@hardingconsultants.co.nz</u>

One abstract per email please