

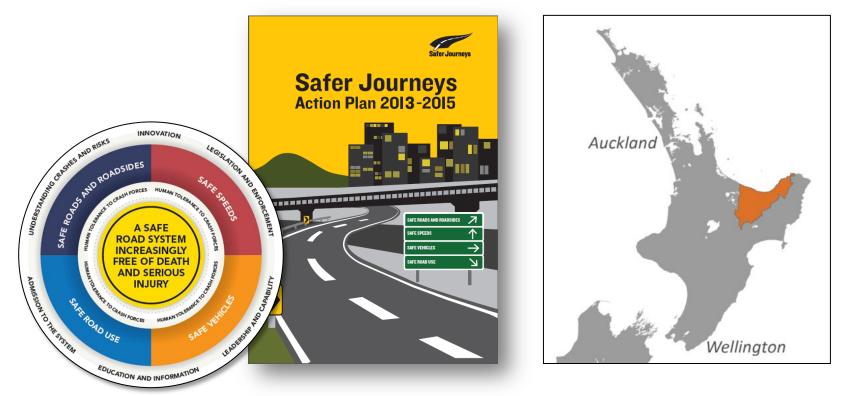
#### ConnectBetter

#### 3M Traffic Safety Innovation Award Eastern Bay of Plenty Signature Project SignatureNET and the Curve Risk Prediction Model

Paul Durdin Dale Harris

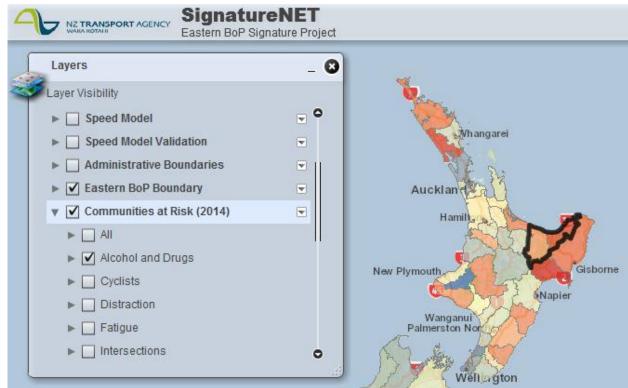
**IPENZ Transportation Group Conference 2015** 

# Safe System Signature Projects



Connect**Better** 

# Eastern Bay of Plenty Road Safety Issues



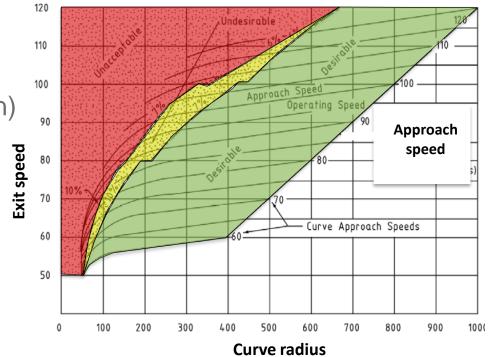
# **Austroads Curve Context Definitions**

#### Within context:

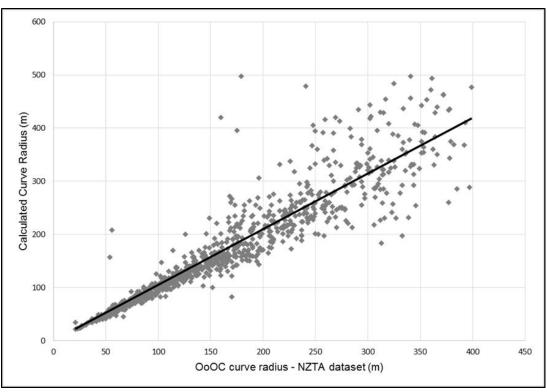
- No limit (no deceleration)
  - Desirable (some deceleration)

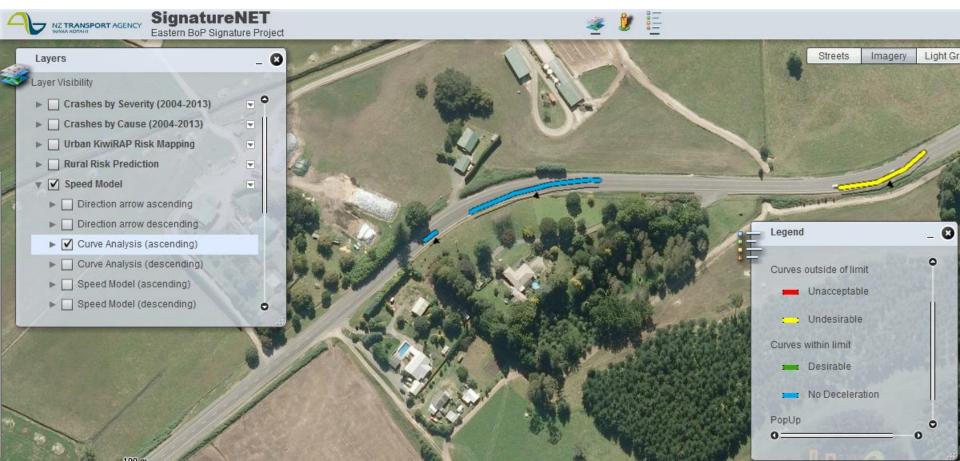
### Out-of-context:

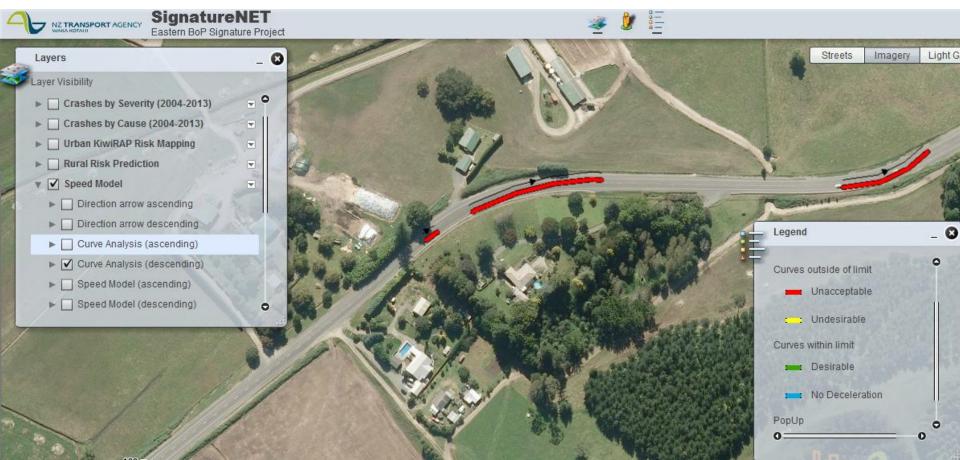
UndesirableUnacceptable

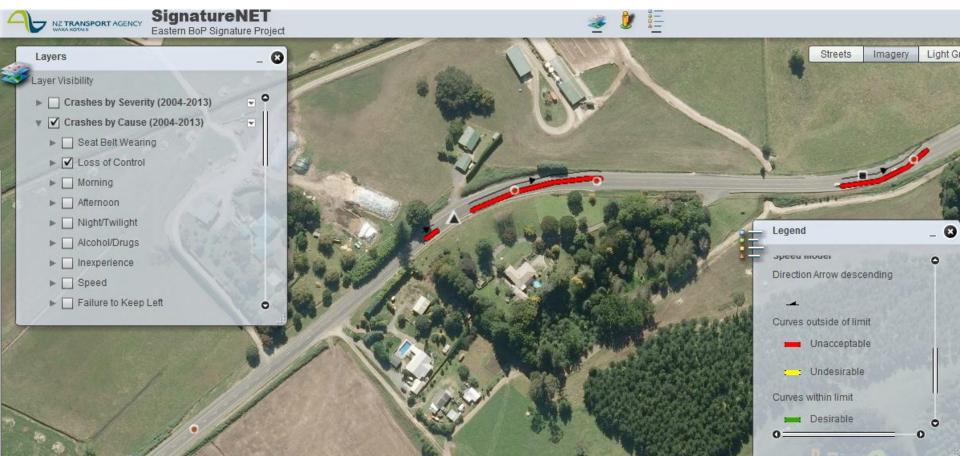


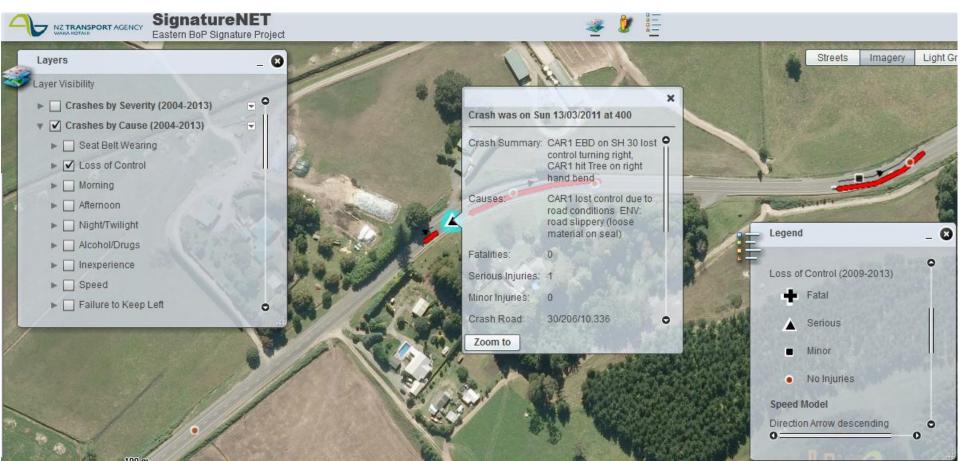
## **Calibration against State Highway Data**



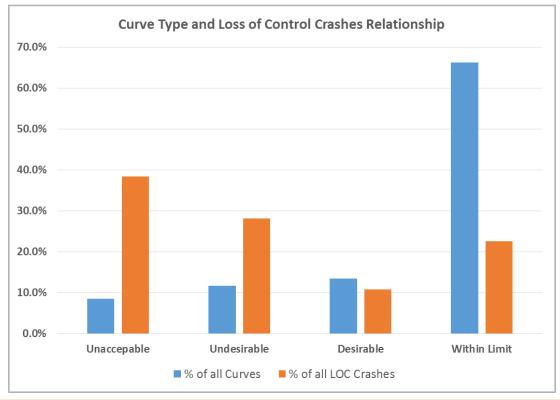








## Why Target High-Risk Curves?



# **Key Points**

- Network screening tool developed specifically for lowvolume rural networks.
- Identifies curves by targeting to risk = proactive
- Assists Road Controlling Authorities make informed decisions about road safety.



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