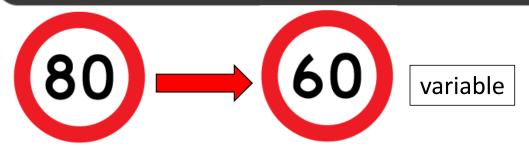
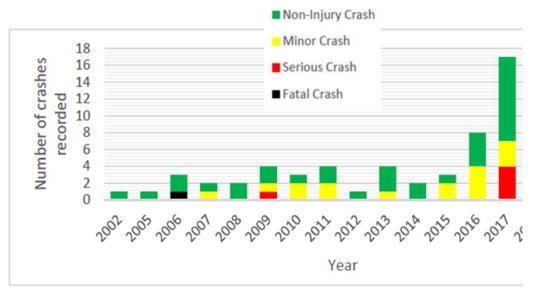


## **Need for Innovation**

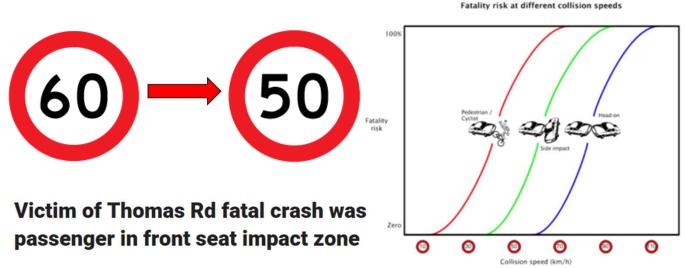




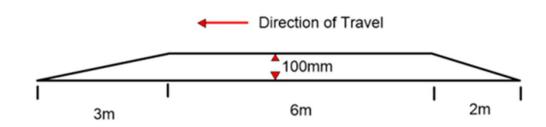




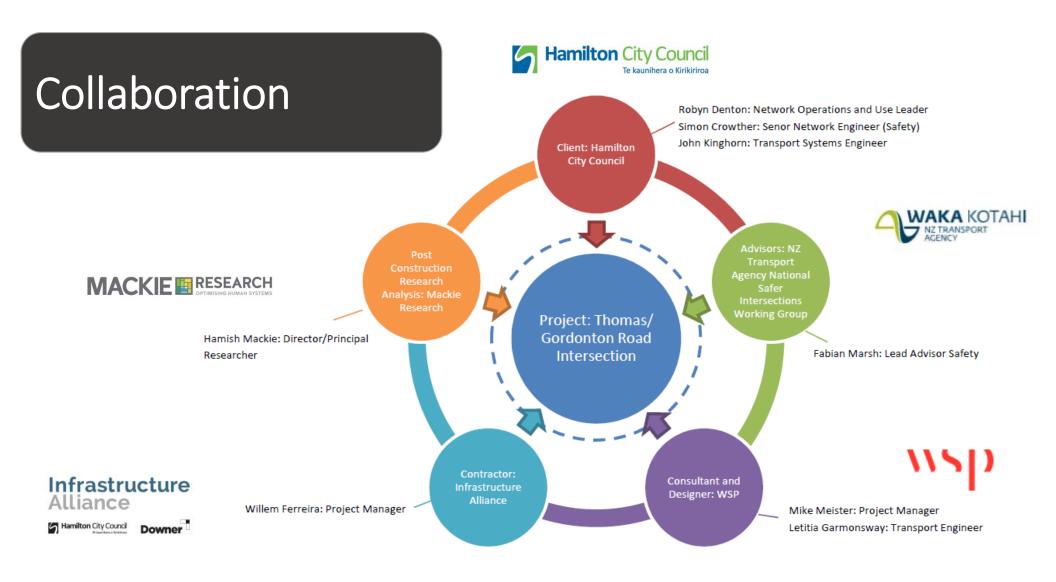








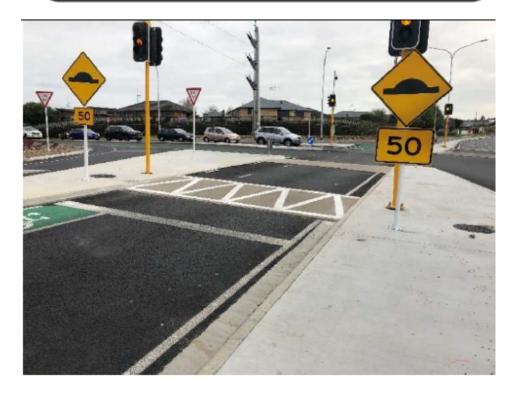
Raised Safety Platform







# After



	Dimension	Satisfactory Performance?
Safety Improvement	DSis	Too early
	Intersection Speed	✓
Associated Safety	Braking on approach	✓
	Stopping at limit line	✓
	Red light running	✓
	Vertical accleration	✓
	Perceived safety	✓
	Impact on VRUs	not enough data
Delivery and operation	Traffic flow	✓
	Community Buy-in	✓
	Delivery/operational issues	✓







## Monitoring and Evaluation

#### RAISED SAFETY PLATFORM **EVALUATION**

GORDONTON AND THOMAS ROAD INTERSECTION, HAMILTON

Hamish Mackie | Michael Blewden | Rebekah Thorne | Lily Hirsch

27 AUGUST 2019



### Results

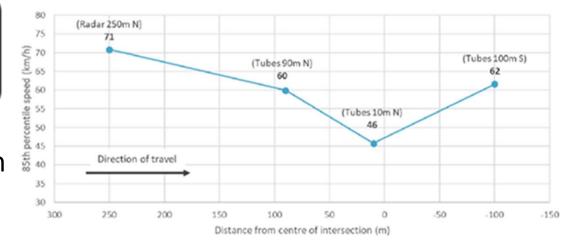
Significant overall speed reduction on approach:

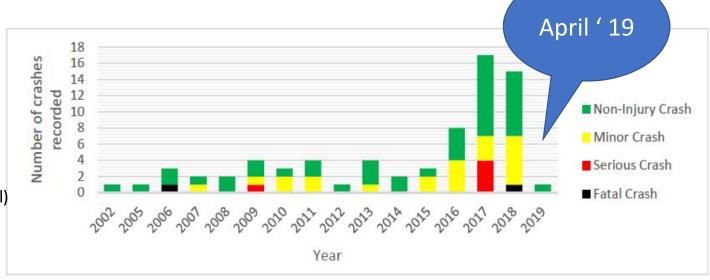
- daytime 65km/h to 30km/h



Expected 85% reduction in total crashes at the intersection

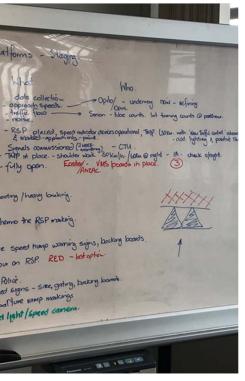
(using the NZTA Economic Evaluation Manual)







NZ's first Safe System Traffic Signals



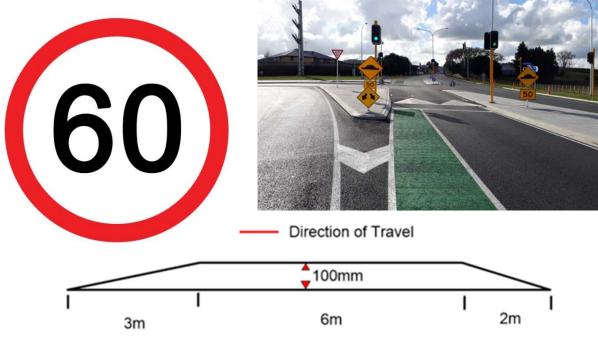






# Planning and Delivery







Raised Safety Platform