



Vehicle Activated Electronic Signs - 5 Years On

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Vehicle activated curve warning

SH 6 Pak Lim's Corner

SH 1 Butter Factory Corner

SH1 Dazzle Corner





Activation

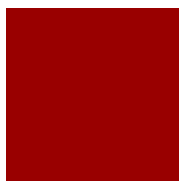
- ≤ Advisory
- ≤ Advisory + 10 km/h
- > Advisory + 10 km/h



Key findings – approach speed



- Pre-installation 85thile
 - 64 – 73 km/h
- Post installation 85thile
 - 66 – 68 km/h
- Reduction in top
 - 5 km/h



Key findings - crashes

Site	Pre				Post	
	Crash #s		Injury		Crash #s	Injury
	- 10 yrs 01/1999- 05/2009	- 5 yrs 01/2004- 05/2009	- 10 yrs 01/1999- 05/2009	- 5 yrs 01/2004- 05/2009	+ 5 yrs 05/2009 - 11/2013	+ 5 yrs 05/2009- 11/2013
Pak Lims	9	5	1 F, 1 S, 2 m	1 S, 1 m	2	1 m
Butter Factory	15	9	1 S, 5 m	5 m	2	-
Dazzle	15	14	1 F, 1 S, 12 m	1 F, 2 S, 11m	3	1 m

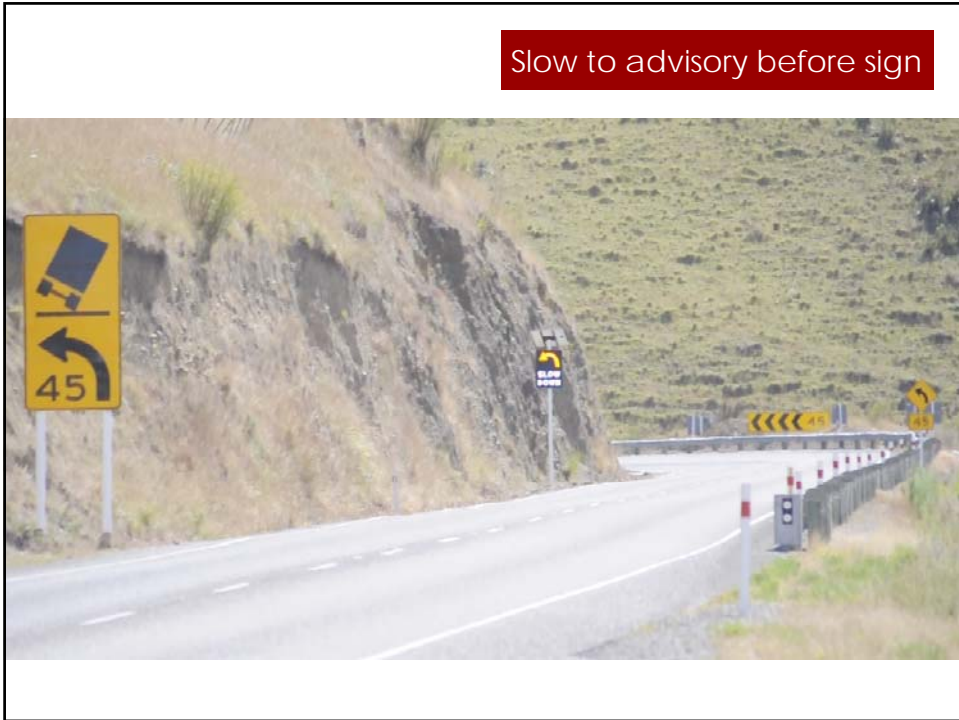
Behaviours observed

SH 1 Dazzle Corner

- Slow to advisory before sign
- Slow to advisory at sign
- Brake just prior to corner



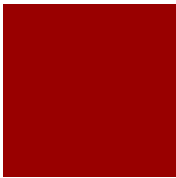
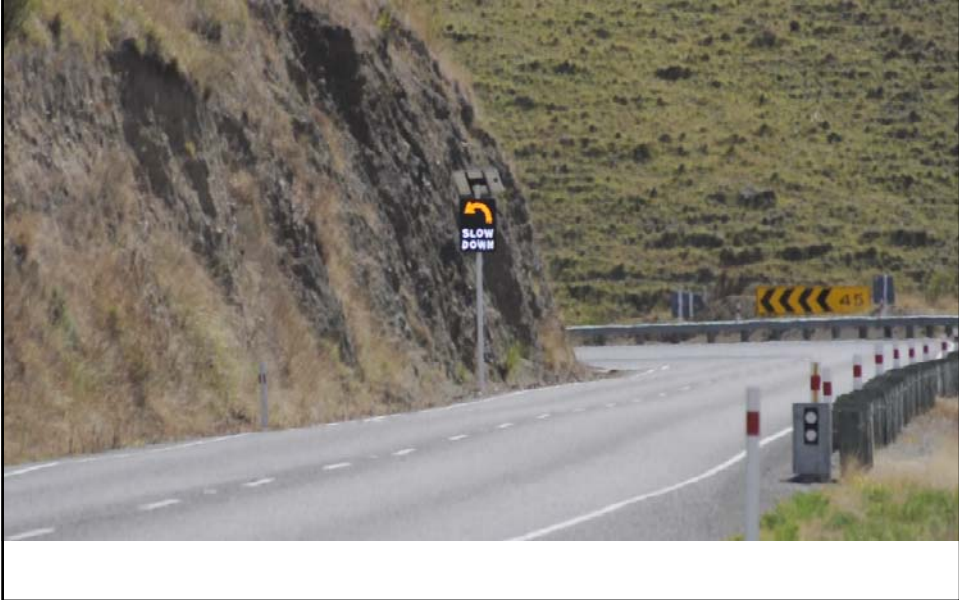
Slow to advisory before sign



Slow to advisory at sign



Brake for cornering



Challenges -



- Maintenance
- Vandalism
- Criteria for use

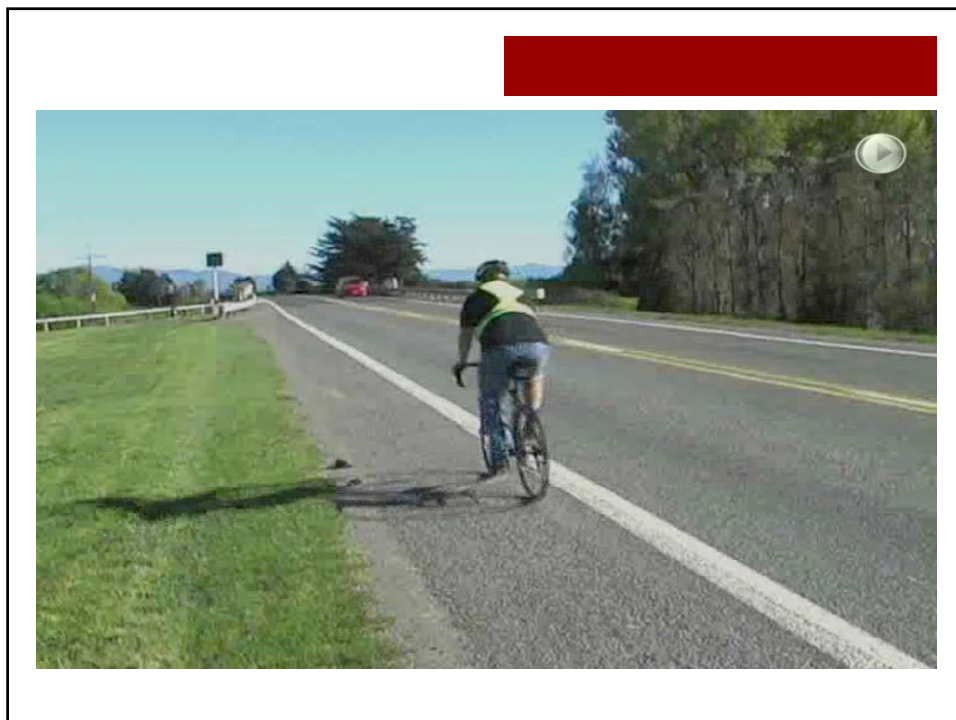
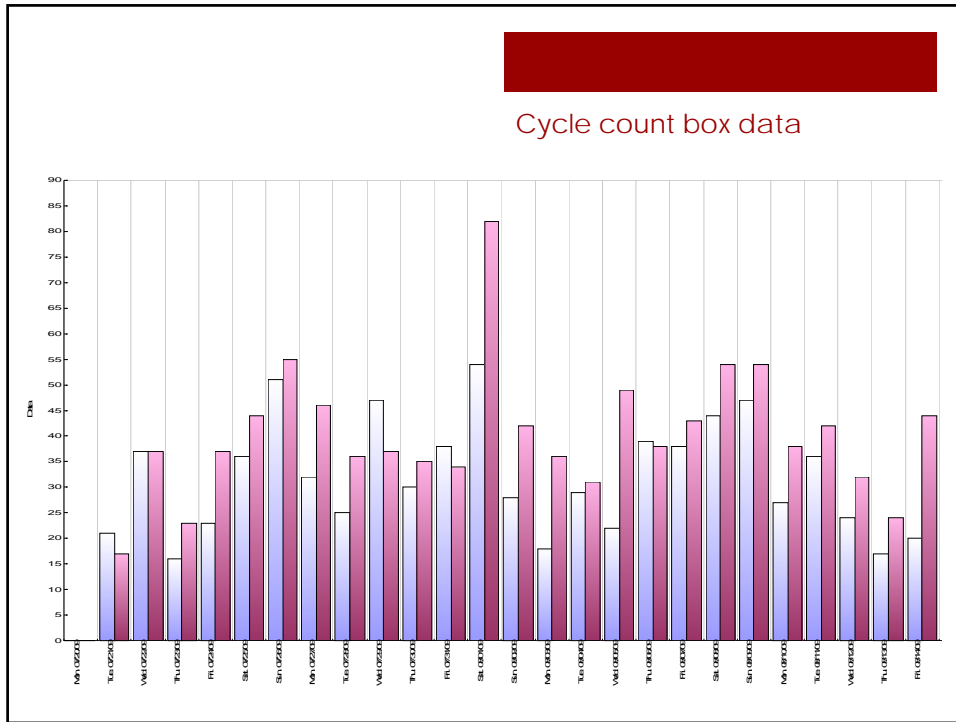
Cycle activated warning

- SH 60 Appleby Bridge



Loop installation & testing





Thank You

