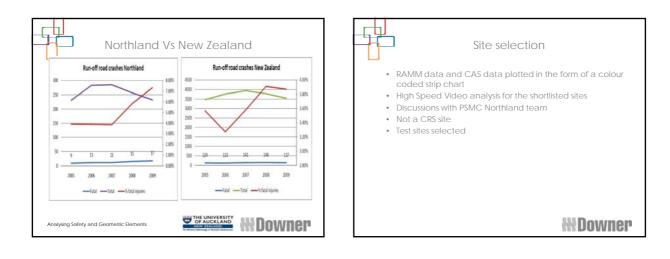


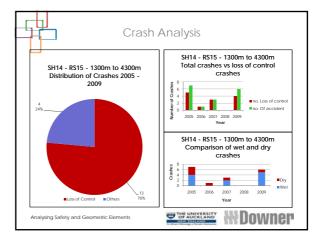
COUNTRY	s of quantified accident reduction tar MAIN TARGET	PER	
The second s		FROM	2010
AUSTRALIA (NSW) CANADA	50% reduction – fatalities 30% reduction – fatalities	2000 1996-2001	2010
CANALIA	and serious injuries	(average of)	(average of)
DENMARK	40% reduction - fatalities	2000	2012
	and serious injuries		
FINLAND	65% reduction - fatalities		2005
GREAT BRITAIN	40% reduction - fatalities	1994-1998	2010
	and serious injuries	(average of)	
NETHERLANDS	50% reduction - fatalities	compared to	2010
FOLAND	and injuries 20% reduction - fatalities	1986-1998	2001
SWEDEN	50% reduction - fatalities	1998	2007
EUROPEAN UNION	50% reduction - fatalities	2002	2010
	TARGETS Must be measurable occupitable to the occupitable to the occupitable inget – by 2040 Road Fatali 0 per year and 2,500 hosp	ties will be down	n

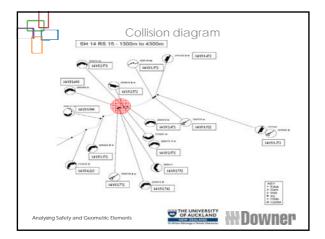




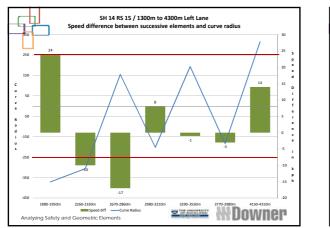


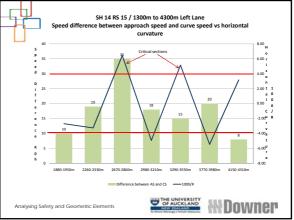


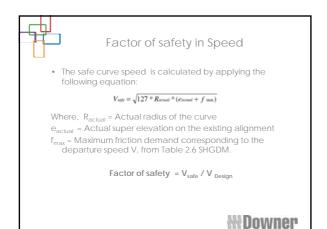


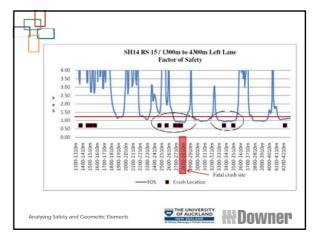


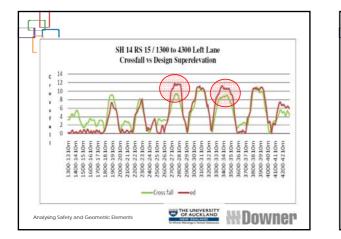
No of crashes	AADT	Length (km)	Study period (Yrs)	Exposure X	b	S <sub>adi</sub>	Injury crashes	
9	1811	0.3	5	0.002	16	1.22	4	
Crash rate as per EEM AT	XxI	o <sub>o</sub> x S <sub>adi</sub>	0.039	Actual crash rate is much higher than the crash				
Actual crash	Report	ed Injury						
rate	crash	es / year	0.8	rate as per EE	e as per EEM for the study period			

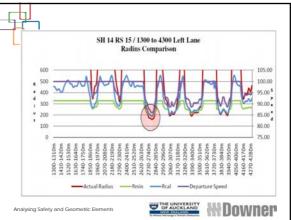


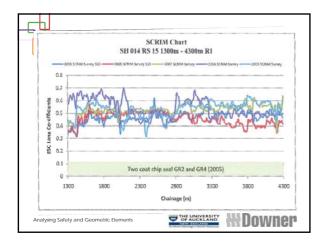


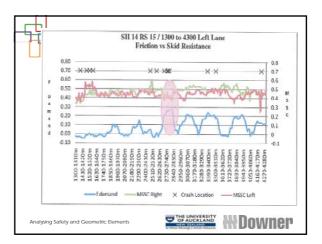












F)	SH 14 – E	conomic	c analysis		<u></u>	Iı	ncremental B	CR for		Next higher	
					Option	Benefits	Costs	BCR	Base option for comparison	cost option	Incremental BCR
1			Improvements		Low	\$ 809,344	\$ 92,100	8.79	Low	Medium	8.60
	Details	Low cost	Medium cost	High cost	Medium	\$ 4,958,485	\$ 574,760	8.63	Medium	High	4.62
	Annual maintenance cost	4,400	4,400	4,400	High	\$ 9,005,205	\$ 1,450,000	6.21			
	PV of Accident cost savings	809,344	2,697,814	6,744,534	Sensiti	vity test to Ir	cremental B	CR wit	th high cost c	apped at \$1	million
	Benefits	809,344	4,958,485	9,005,205	Ortica	Design	Guin	DCD	Base option for	Next higher	Incremental
	Cost	92,100	574,760	1,450,000	Option	Benefits \$ 809 344	Costs	BCR 8 79	comparison	cost option	BCR
					Option Low Medium	Benefits \$ 809,344 \$ 4,958,485	Costs \$ 92,100 \$ 574,760	8.79			
	Cost	92,100 <b>8.79</b>	574,760 <b>8.63</b>	1,450,000	Low	\$ 809,344	\$ 92,100	8.79	comparison Low	cost option Medium	BCR 8.60

