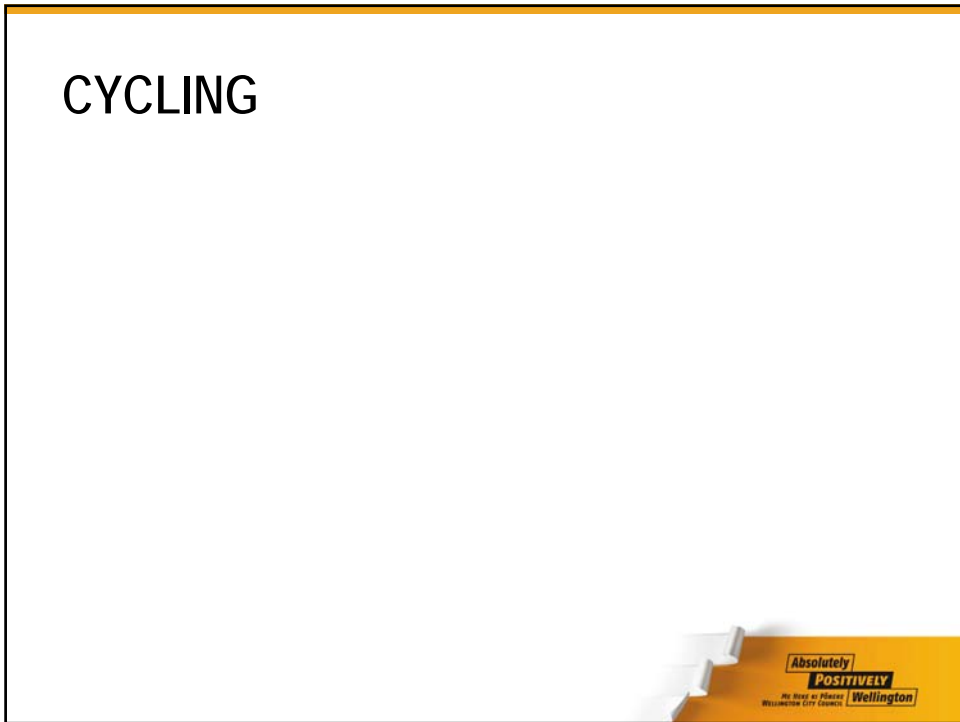
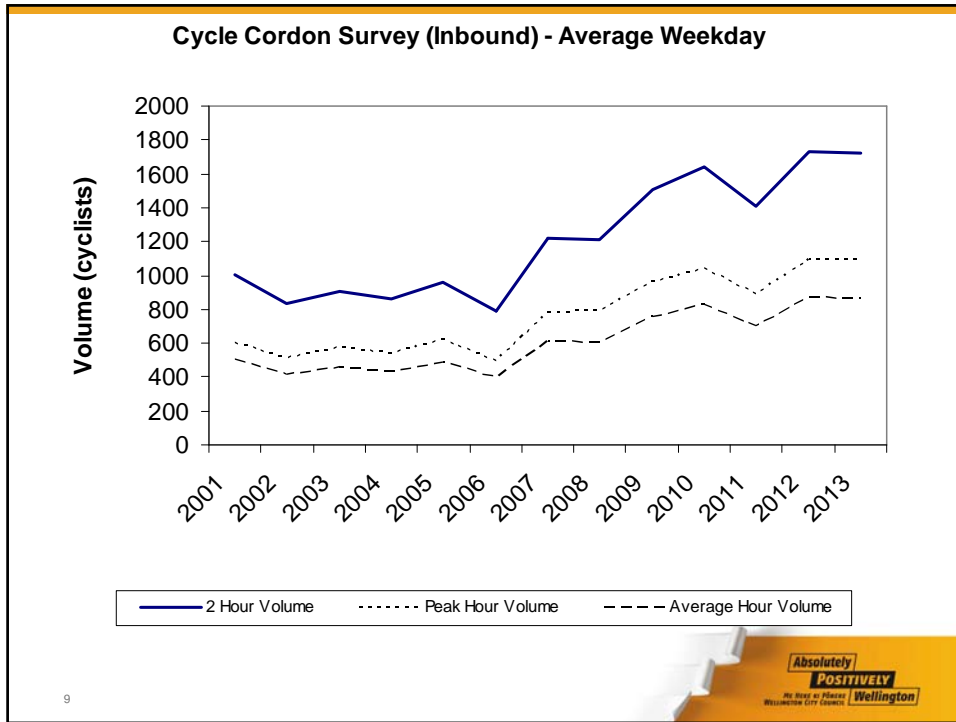
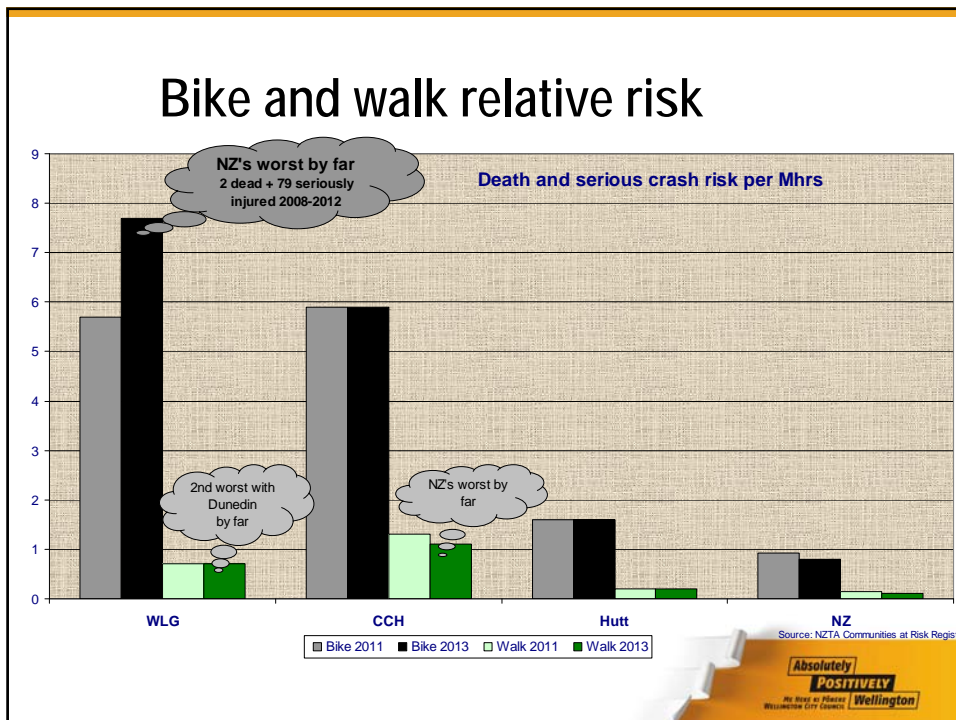


CYCLING



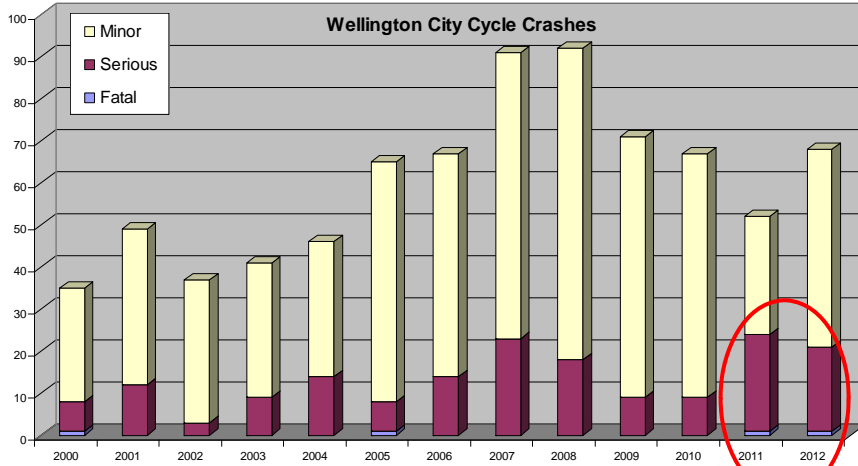


9



Source: NZTA Communities at Risk Register

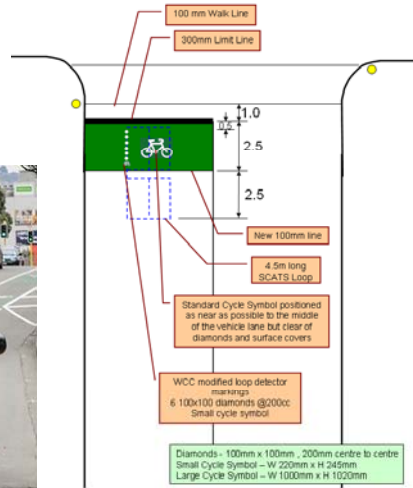
Safety – reported crashes



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Advanced Cycle Stop Boxes

- Every Lane
- Every Approach
- Every Signal



Advanced Cycle Stop Box Standard Layout

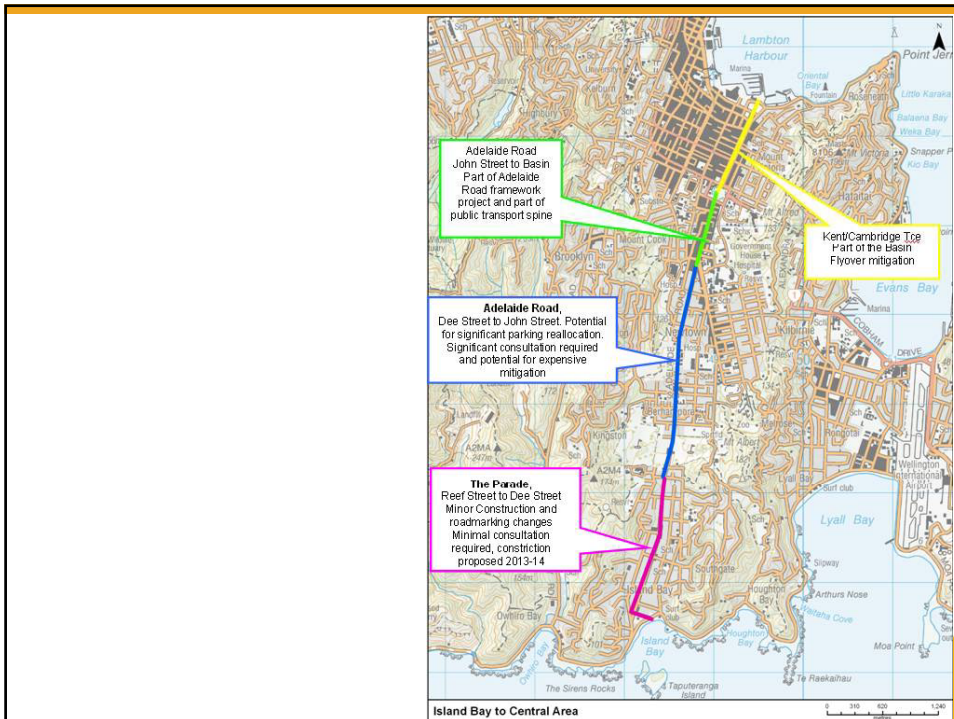
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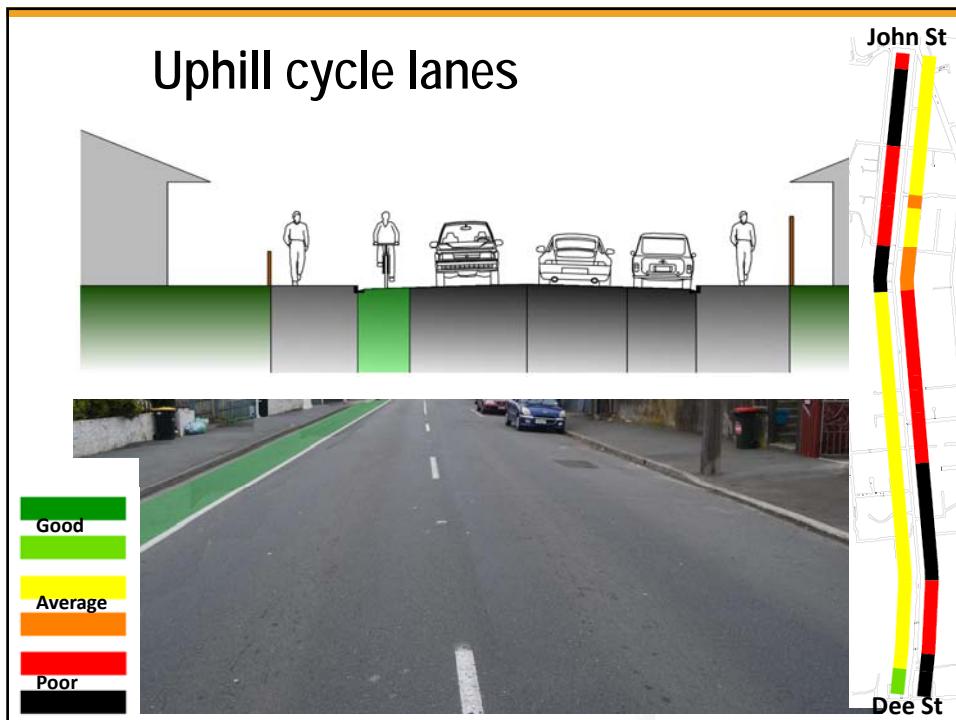
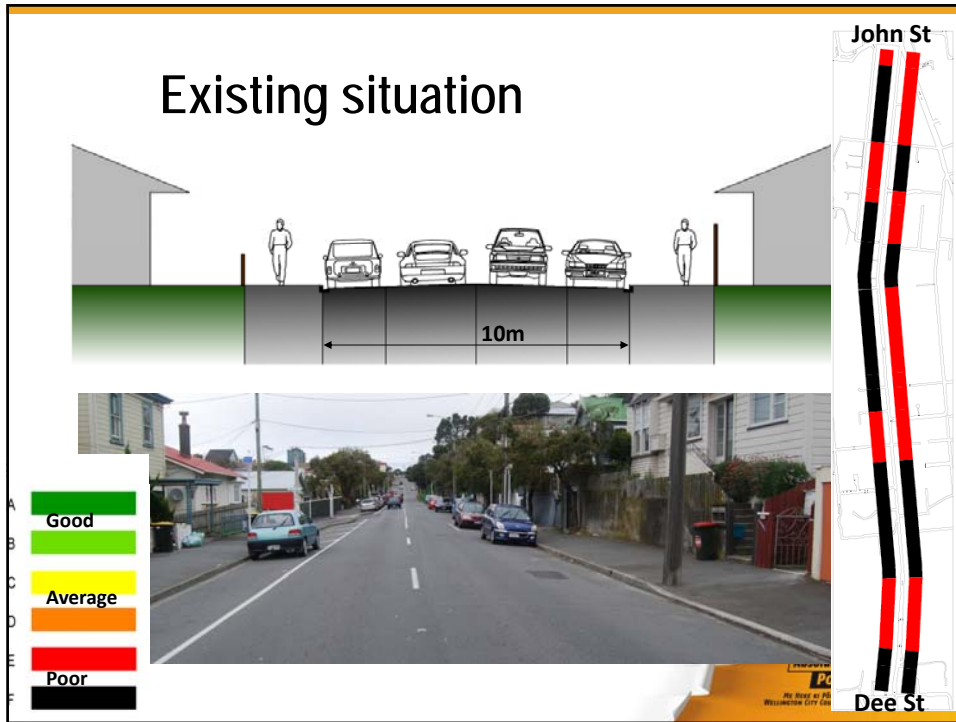
LoS = perceived safety = bubble

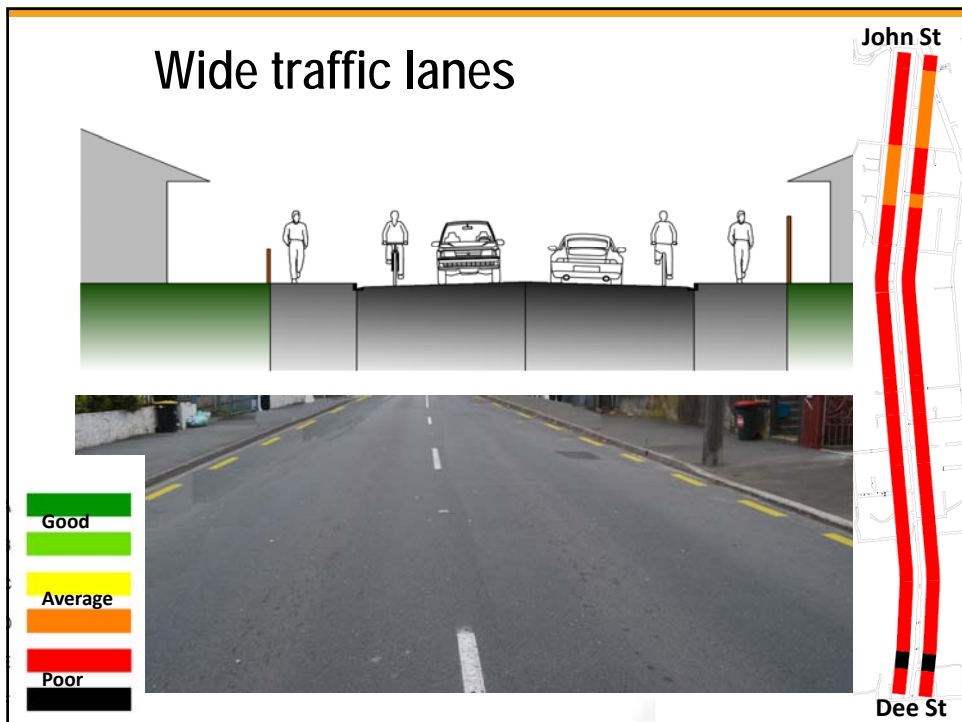
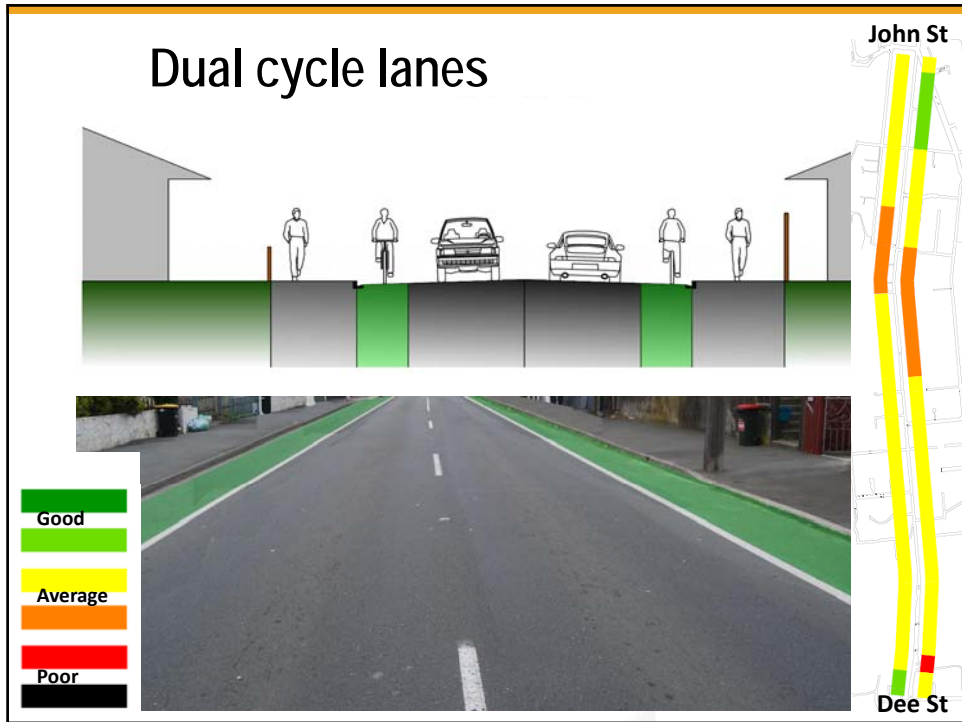


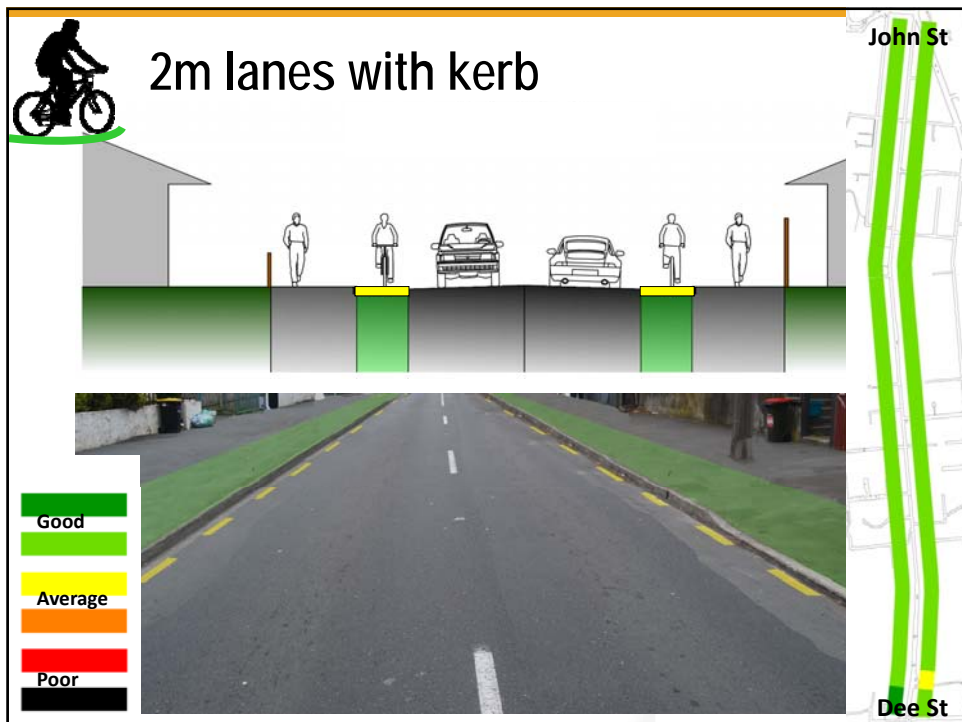
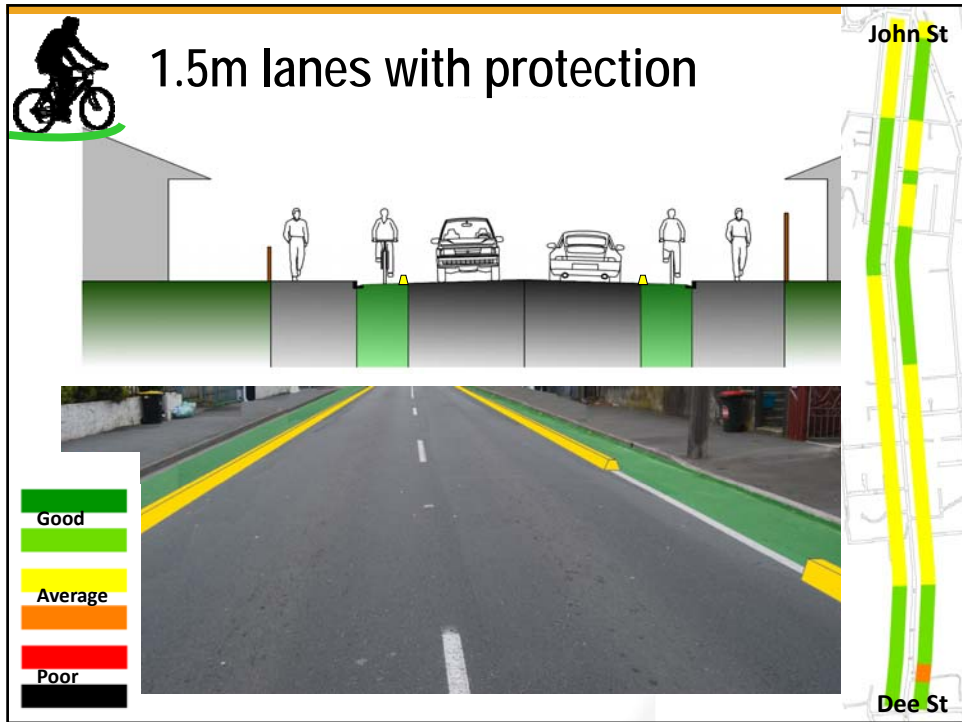
- Danish method
 - Cycling facility
 - Traffic speed
 - Traffic volume

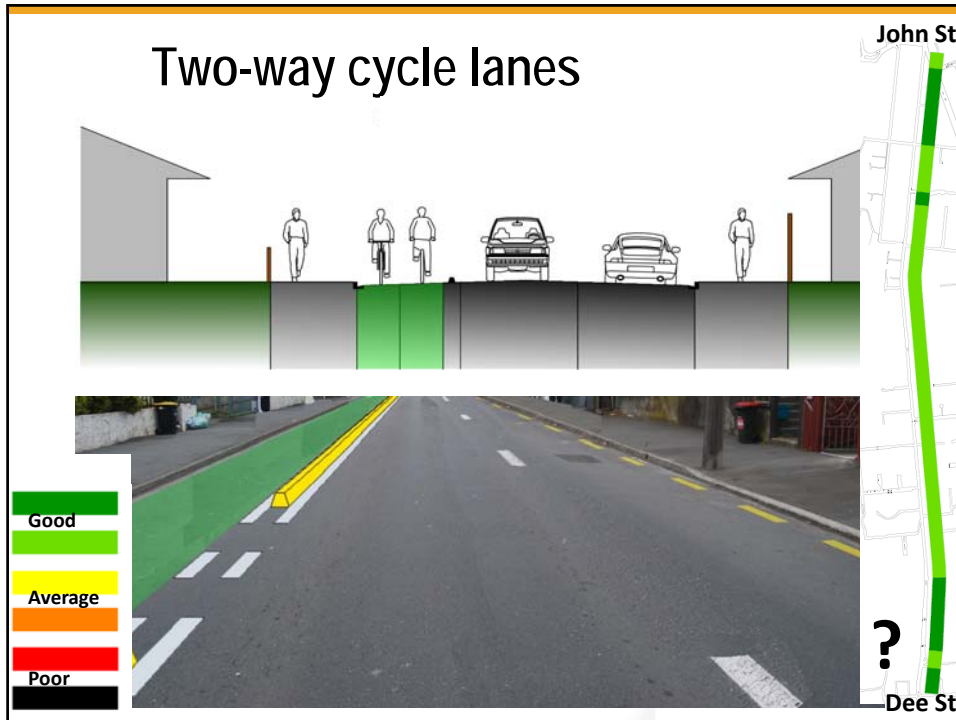
A	Good
B	
C	Average
D	
E	Poor
F	












Improvement costs

Potential Improvement	Estimated Cost
Peak hour clearways	\$500,000
Uphill cycle lanes	\$900,000
Wide traffic lanes	\$1,700,000
Dual cycle lanes	\$2,000,000
Dual 1.5m lanes w protection	\$3,100,000
Dual 2m lanes with kerb	\$5,000,000
Two-way cycle lanes	\$2,600,000

Parking impact – lane options

Potential Improvement	Loss on Adelaide	Shortfall*
Uphill cycle lanes	109	16
Dual cycle lanes	324	133
Wide lanes	304	127
Two-way cycle lanes	304	127

*Assuming side street parking and all parking on Adelaide Rd is fully utilised

23

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Potential parking replacement

High Intervention Measures	Cost per Park
Widen carriageway (narrow footpaths)	\$27,000
Widen road corridor (into adjacent land)	\$44,000
Create community car parks (on adjacent land)	\$66,000
Provide off-street recreational car parks (on recreational land)	\$12,000

24

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Parking replacement costs

Potential Improvement	Cycle Improvement Cost	On-Street	Off-Street	Total
Uphill cycle lanes	\$900,000	\$500,000	\$1,200,000	\$1.4 - \$2.1M
Dual cycle lanes	\$2,000,000	\$3,600,000	\$5,800,000	\$5.6 - \$7.8M
Wide lanes	\$1,700,000	\$3,500,000	\$5,700,000	\$5.2 - \$7.4M
Two-way cycle lanes	\$2,600,000	\$3,500,000	\$5,700,000	\$6.1 - \$8.3M
Dual 1.5m lanes w protection	\$3,100,000	\$3,500,000	\$5,700,000	\$6.6 - \$8.8M
Dual 2m lanes with kerb	\$5,000,000	\$3,500,000	\$5,700,000	\$8.8 - \$10.7M
Peak clearways	\$500,000	\$700,000	\$1,000,000	\$1.2 - \$1.5M



Source: Cycle Aware Wellington

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 No Road as Pleasant
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Thank You

