

Baseline Scenario - 20% Weighting for each category

Criteria	Performance Measure	Weighting (%)	H - Whareroa Farm	I - QEII Park	J(2) - Kapiti	L - Paekakariki Interchange		
1	Design Requirements	VSS Operation	1	1	1	1		
		VSS Implementation	0	0	0	0		
		CVSC Route	3	2	1	0		
		CVSC Feasibility	-2	2	2	-3		
		Total Score	2	5	4	-2		
		Average Score	0.5	1.3	1.0	-0.5		
		Weighting Applied to Total	20%	0.4	1	0.8	-0.4	
	Weighting Applied to Average	20%	0.1	0.3	0.2	-0.1		
2	Cost to Construct	New structures required	-2	3	3	3		
		Changes to existing roads required	-2	1	2	2		
		Earthworks required	-2	-3	3	-3		
		Previous site use requiring remedial treatment	3	-2	1	1		
		Major Service Diversion required	-1	0	0	-2		
		Total Score	-4	-1	9	1		
		Average Score	-0.8	-0.2	1.8	0.2		
	Weighting Applied to Total	20%	-0.8	-0.2	1.8	0.2		
	Weighting Applied to Average	20%	-0.2	0.0	0.4	0.0		
3	Property purchase	Title raised/Gazetted	3	3	3	3		
		Māori Reservation	3	3	3	3		
		Māori Freehold Land	3	3	3	3		
		Crown land	2	2	3	3		
		Encumbrances and notations	-1	-2	-1	-1		
		Number of owners and/or interest holders	-1	-2	2	3		
		Government or private	3	3	3	3		
		Owner type	0	0	3	3		
		Motivation	-1	-3	3	3		
		Hardship	-2	-2	3	3		
		History and context	0	-2	3	3		
		Political or Ministerial approval	-2	-3	3	3		
		Owner representation	0	0	3	3		
		Agreement of other interest holders	-1	-2	-1	-2		
		Multiple decision makers	-2	-2	2	2		
		Compulsory acquisition under PWA	-3	-3	3	3		
		Negotiated acquisition	0	0	3	3		
		Land value	-2	-2	-1	-2		
		Administrator's costs related to acquisition	1	-1	3	3		
		Crown costs to acquire	-1	-1	3	3		
Total Score	-1	-11	46	45				
	Average Score	-0.1	-0.6	2.3	2.3			
	Weighting Applied to Total	20%	-0.2	-2.2	9.2	9		
	Weighting Applied to Average	20%	0.0	-0.1	0.5	0.5		
4	Safety of all road users	AADT & Heavies	0	0	0	0		
		Crash History	-1	-1	-1	-1		
		Ease of Access	1	-3	2	-1		
		Vulnerable Road Users	-3	-1	-1	-2		
		Environment	1	-1	2	2		
		Geometry	2	-1	2	-1		
		Risk Factors	-2	-3	-1	-2		
		Total Score	-2	-10	3	-5		
			Average Score	-0.3	-1.4	0.4	-0.7	
			Weighting Applied to Total	20%	-0.4	-2	0.6	-1
	Weighting Applied to Average	20%	-0.1	-0.3	0.1	-0.1		
5	Environmental considerations	Section 6 Matters - Coastal Environment	2	-1	-1	-1		
		Section 6 Matters - Waterbodies	2	-1	-1	-2		
		Section 6 Matters - Flora/Fauna	1	-1	-1	-2		
		Section 6 Matters - Cultural Values	1	-1	-1	-2		
		Section 6 Matters - Natural Hazards	-1	1	1	-1		
		Section 7 Matters - Amenity	-3	-2	3	-1		
		Regional Consenting - Operational Stormwater	0	-1	0	0		
		Regional Consenting - Operational Greywater	0	0	0	0		
		Regional Consenting - Operational Wastewater	0	0	0	0		
		Regional Consenting - Earthworks	0	0	0	0		
		Other Hazards - Gas Main	-1	0	0	-1		
		KCDC Policy Framework	-1	-2	-1	-1		
		Total Score	0	-8	-1	-11		
			Average Score	0.0	-0.7	-0.1	-0.9	
			Weighting Applied to Total	20%	0	-1.6	-0.2	-2.2
			Weighting Applied to Average	20%	0.0	-0.1	0.0	-0.2
TOTAL SCORE			-5.0	-25.0	61.0	28.0		
TOTAL SCORE WEIGHTED			-1.0	-5.0	12.2	5.6		
TOTAL AVERAGE SCORE			-0.6	-1.6	5.4	0.3		
TOTAL AVERAGE SCORE WEIGHTED			-0.1	-0.3	1.1	0.1		

Scenario 1

Criteria	Performance Measure	Weighting (%)	H - Whareroa Farm	I - QEII Park	J(2) - Kapiti	L - Paekakariki Interchange	
1	Design Requirements	VSS Operation	1	1	1	1	
		VSS Implementation	0	0	0	0	
		CVSC Route	3	2	1	0	
		CVSC Feasibility	-2	2	2	-3	
		Total Score	2	5	4	-2	
		Average Score	0.5	1.3	1.0	-0.5	
		Weighting Applied to Total	20%	0.4	1	0.8	-0.4
		Weighting Applied to Average	20%	0.1	0.3	0.2	-0.1
2	Cost to Construct	New structures required	-2	3		3	
		Changes to existing roads required	-2	1	2	2	
		Earthworks required	-2	-3	3	-3	
		Previous site use requiring remedial treatment	3	-2	1	1	
		Major Service Diversion required	-1	0	0	-2	
		Total Score	-4	-1	6	1	
		Average Score	-0.8	-0.2	1.5	0.2	
		Weighting Applied to Total	5%	-0.2	-0.05	0.3	0.05
Weighting Applied to Average	5%	0.0	0.0	0.1	0.0		
3	Property purchase	Title raised/Gazetted	3	3	3	3	
		Māori Reservation	3	3	3	3	
		Māori Freehold Land	3	3	3	3	
		Crown land	2	2	3	3	
		Encumbrances and notations	-1	-2	-1	-1	
		Number of owners and/or interest holders	-1	-2	2	3	
		Government or private	3	3	3	3	
		Owner type	0	0	3	3	
		Motivation	-1	-3	3	3	
		Hardship	-2	-2	3	3	
		History and context	0	-2	3	3	
		Political or Ministerial approval	-2	-3	3	3	
		Owner representation	0	0	3	3	
		Agreement of other interest holders	-1	-2	-1	-2	
		Multiple decision makers	-2	-2	2	2	
		Compulsory acquisition under PWA	-3	-3	3	3	
		Negotiated acquisition	0	0	3	3	
		Land value	-2	-2	-1	-2	
		Administrator's costs related to acquisition	1	-1	3	3	
		Crown costs to acquire	-1	-1	3	3	
		Total Score	-11	-11	46	45	
		Average Score	-0.1	-0.6	2.3	2.3	
Weighting Applied to Total	10%	-0.1	-1.1	4.6	4.5		
Weighting Applied to Average	10%	0.0	-0.1	0.2	0.2		
4	Safety of all road users	AADT & Heavies	0	0	0	0	
		Crash History	-1	-1	-1	-1	
		Ease of Access	1	-3	2	-1	
		Vulnerable Road Users	-3	-1	-1	-2	
		Environment	1	-1	2	2	
		Geometry	2	-1	2	-1	
		Risk Factors	-2	-3	-1	-2	
		Total Score	-2	-10	3	-5	
		Average Score	-0.3	-1.4	0.4	-0.7	
		Weighting Applied to Total	35%	-0.7	-3.5	1.05	-1.75
Weighting Applied to Average	35%	-0.1	-0.5	0.2	-0.3		
5	Environmental considerations	Section 6 Matters - Coastal Environment	2	-1	-1	-1	
		Section 6 Matters - Waterbodies	2	-1	-1	-2	
		Section 6 Matters - Flora/Fauna	1	-1	-1	-2	
		Section 6 Matters - Cultural Values	1	-1	-1	-2	
		Section 6 Matters - Natural Hazards	-1	1	1	-1	
		Section 7 Matters - Amenity	-3	-2	3	-1	
		Regional Consenting - Operational Stormwater	0	-1	0	0	
		Regional Consenting - Operational Greywater	0	0	0	0	
		Regional Consenting - Operational Wastewater	0	0	0	0	
		Regional Consenting - Earthworks	0	0	0	0	
		Other Hazards - Gas Main	-1	0	0	-1	
		KCDC Policy Framework	-1	-2	-1	-1	
		Total Score	0	-8	-1	-11	
		Average Score	0.0	-0.7	-0.1	-0.9	
		Weighting Applied to Total	30%	0	-2.4	-0.3	-3.3
Weighting Applied to Average	30%	0.0	-0.2	0.0	-0.3		
TOTAL SCORE			-5.0	-25.0	58.0	28.0	
TOTAL SCORE WEIGHTED			-0.6	-6.1	6.5	-0.9	
TOTAL AVERAGE SCORE			-0.6	-1.6	5.1	0.3	
TOTAL AVERAGE SCORE WEIGHTED			0.0	-0.5	0.6	-0.4	

Scenario 2

Criteria	Performance Measure	Weighting (%)	H - Whareroa Farm	I - QEII Park	J(2) - Kapiti	L - Paekakariki Interchange		
1	Design Requirements	VSS Operation	1	1	1	1		
		VSS Implementation	0	0	0	0		
		CVSC Route	3	2	1	0		
		CVSC Feasibility	-2	2	2	-3		
		Total Score	2	5	4	-2		
		Average Score	0.5	1.3	1.0	-0.5		
		Weighting Applied to Total	30%	0.6	1.5	1.2	-0.6	
	Weighting Applied to Average	30%	0.2	0.4	0.3	-0.2		
2	Cost to Construct	New structures required	-2	3	3	3		
		Changes to existing roads required	-2	1	2	2		
		Earthworks required	-2	-3	3	-3		
		Previous site use requiring remedial treatment	3	-2	1	1		
		Major Service Diversion required	-1	0	0	-2		
		Total Score	-4	-1	9	1		
		Average Score	-0.8	-0.2	1.8	0.2		
	Weighting Applied to Total	5%	-0.2	-0.05	0.45	0.05		
	Weighting Applied to Average	5%	0.0	0.0	0.1	0.0		
3	Property purchase	Title raised/Gazetted	3	3	3	3		
		Māori Reservation	3	3	3	3		
		Māori Freehold Land	3	3	3	3		
		Crown land	2	2	3	3		
		Encumbrances and notations	-1	-2	-1	-1		
		Number of owners and/or interest holders	-1	-2	2	3		
		Government or private	3	3	3	3		
		Owner type	0	0	3	3		
		Motivation	-1	-3	3	3		
		Hardship	-2	-2	3	3		
		History and context	0	-2	3	3		
		Political or Ministerial approval	-2	-3	3	3		
		Owner representation	0	0	3	3		
		Agreement of other interest holders	-1	-2	-1	-2		
		Multiple decision makers	-2	-2	2	2		
		Compulsory acquisition under PWA	-3	-3	3	3		
		Negotiated acquisition	0	0	3	3		
		Land value	-2	-2	-1	-2		
		Administrator's costs related to acquisition	1	-1	3	3		
		Crown costs to acquire	-1	-1	3	3		
Total Score	-1	-11	46	45				
Average Score	-0.1	-0.6	2.3	2.3				
	Weighting Applied to Total	10%	-0.1	-1.1	4.6	4.5		
	Weighting Applied to Average	10%	0.0	-0.1	0.2	0.2		
4	Safety of all road users	AADT & Heavies	0	0	0	0		
		Crash History	-1	-1	-1	-1		
		Ease of Access	1	-3	2	-1		
		Vulnerable Road Users	-3	-1	-1	-2		
		Environment	1	-1	2	2		
		Geometry	2	-1	2	-1		
		Risk Factors	-2	-3	-1	-2		
		Total Score	-2	-10	3	-5		
		Average Score	-0.3	-1.4	0.4	-0.7		
			Weighting Applied to Total	35%	-0.7	-3.5	1.05	-1.75
	Weighting Applied to Average	35%	-0.1	-0.5	0.2	-0.3		
5	Environmental considerations	Section 6 Matters - Coastal Environment	2	-1	-1	-1		
		Section 6 Matters - Waterbodies	2	-1	-1	-2		
		Section 6 Matters - Flora/Fauna	1	-1	-1	-2		
		Section 6 Matters - Cultural Values	1	-1	-1	-2		
		Section 6 Matters - Natural Hazards	-1	1	1	-1		
		Section 7 Matters - Amenity	-3	-2	3	-1		
		Regional Consenting - Operational Stormwater	0	-1	0	0		
		Regional Consenting - Operational Greywater	0	0	0	0		
		Regional Consenting - Operational Wastewater	0	0	0	0		
		Regional Consenting - Earthworks	0	0	0	0		
		Other Hazards - Gas Main	-1	0	0	-1		
		KCDC Policy Framework	-1	-2	-1	-1		
		Total Score	0	-8	-1	-11		
		Average Score	0.0	-0.7	-0.1	-0.9		
			Weighting Applied to Total	20%	0	-1.6	-0.2	-2.2
			Weighting Applied to Average	20%	0.0	-0.1	0.0	-0.2
TOTAL SCORE			-5.0	-25.0	61.0	28.0		
TOTAL SCORE WEIGHTED			-0.4	-4.8	7.1	0.0		
TOTAL AVERAGE SCORE			-0.6	-1.6	5.4	0.3		
TOTAL AVERAGE SCORE WEIGHTED			0.0	-0.3	0.8	-0.3		

Scenario 3

Criteria	Performance Measure	Weighting (%)	H - Whareroa Farm	I - QEII Park	J(2) - Kapiti	L - Paekakariki Interchange		
1	Design Requirements	VSS Operation	1	1	1	1		
		VSS Implementation	0	0	0	0		
		CVSC Route	3	2	1	0		
		CVSC Feasibility	-2	2	2	-3		
		Total Score	2	5	4	-2		
		Average Score	0.5	1.3	1.0	-0.5		
		Weighting Applied to Total	10%	0.2	0.5	0.4	-0.2	
	Weighting Applied to Average	10%	0.1	0.1	0.1	-0.1		
2	Cost to Construct	New structures required	-2	3	3	3		
		Changes to existing roads required	-2	1	2	2		
		Earthworks required	-2	-3	3	-3		
		Previous site use requiring remedial treatment	3	-2	1	1		
		Major Service Diversion required	-1	0	0	-2		
		Total Score	-4	-1	9	1		
		Average Score	-0.8	-0.2	1.8	0.2		
	Weighting Applied to Total	35%	-1.4	-0.35	3.15	0.35		
	Weighting Applied to Average	35%	-0.3	-0.1	0.6	0.1		
3	Property purchase	Title raised/Gazetted	3	3	3	3		
		Māori Reservation	3	3	3	3		
		Māori Freehold Land	3	3	3	3		
		Crown land	2	2	3	3		
		Encumbrances and notations	-1	-2	-1	-1		
		Number of owners and/or interest holders	-1	-2	2	3		
		Government or private	3	3	3	3		
		Owner type	0	0	3	3		
		Motivation	-1	-3	3	3		
		Hardship	-2	-2	3	3		
		History and context	0	-2	3	3		
		Political or Ministerial approval	-2	-3	3	3		
		Owner representation	0	0	3	3		
		Agreement of other interest holders	-1	-2	-1	-2		
		Multiple decision makers	-2	-2	2	2		
		Compulsory acquisition under PWA	-3	-3	3	3		
		Negotiated acquisition	0	0	3	3		
		Land value	-2	-2	-1	-2		
		Administrator's costs related to acquisition	1	-1	3	3		
		Crown costs to acquire	-1	-1	3	3		
		Total Score	-1	-11	46	45		
Average Score	-0.1	-0.6	2.3	2.3				
	Weighting Applied to Total	30%	-0.3	-3.3	13.8	13.5		
	Weighting Applied to Average	30%	0.0	-0.2	0.7	0.7		
4	Safety of all road users	AADT & Heavies	0	0	0	0		
		Crash History	-1	-1	-1	-1		
		Ease of Access	1	-3	2	-1		
		Vulnerable Road Users	-3	-1	-1	-2		
		Environment	1	-1	2	2		
		Geometry	2	-1	2	-1		
		Risk Factors	-2	-3	-1	-2		
		Total Score	-2	-10	3	-5		
		Average Score	-0.3	-1.4	0.4	-0.7		
			Weighting Applied to Total	20%	-0.4	-2	0.6	-1
			Weighting Applied to Average	20%	-0.1	-0.3	0.1	-0.1
5	Environmental considerations	Section 6 Matters - Coastal Environment	2	-1	-1	-1		
		Section 6 Matters - Waterbodies	2	-1	-1	-2		
		Section 6 Matters - Flora/Fauna	1	-1	-1	-2		
		Section 6 Matters - Cultural Values	1	-1	-1	-2		
		Section 6 Matters - Natural Hazards	-1	1	1	-1		
		Section 7 Matters - Amenity	-3	-2	3	-1		
		Regional Consenting - Operational Stormwater	0	-1	0	0		
		Regional Consenting - Operational Greywater	0	0	0	0		
		Regional Consenting - Operational Wastewater	0	0	0	0		
		Regional Consenting - Earthworks	0	0	0	0		
		Other Hazards - Gas Main	-1	0	0	-1		
		KCDC Policy Framework	-1	-2	-1	-1		
		Total Score	0	-8	-1	-11		
		Average Score	0.0	-0.7	-0.1	-0.9		
			Weighting Applied to Total	5%	0	-0.4	-0.05	-0.55
	Weighting Applied to Average	5%	0.0	0.0	0.0	0.0		
TOTAL SCORE			-5.0	-25.0	61.0	28.0		
TOTAL SCORE WEIGHTED			-1.9	-5.6	17.9	12.1		
TOTAL AVERAGE SCORE			-0.6	-1.6	5.4	0.3		
TOTAL AVERAGE SCORE WEIGHTED			-0.3	-0.4	1.5	0.5		

Scenario 4

Criteria	Performance Measure	Weighting (%)	H - Whareroa Farm	I - QEII Park	J(2) - Kapiti	L - Paekakariki Interchange
1	Design Requirements	VSS Operation	1	1	1	1
		VSS Implementation	0	0	0	0
		CVSC Route	3	2	1	0
		CVSC Feasibility	-2	2	2	-3
		Total Score	2	5	4	-2
		Average Score	0.5	1.3	1.0	-0.5
		Weighting Applied to Total	5%	0.1	0.25	0.2
Weighting Applied to Average	5%	0.0	0.1	0.1	0.0	
2	Cost to Construct	New structures required	-2	3	3	3
		Changes to existing roads required	-2	1	2	2
		Earthworks required	-2	-3	3	-3
		Previous site use requiring remedial treatment	3	-2	1	1
		Major Service Diversion required	-1	0	0	-2
		Total Score	-4	-1	9	1
		Average Score	-0.8	-0.2	1.8	0.2
Weighting Applied to Total	35%	-1.4	-0.35	3.15	0.35	
Weighting Applied to Average	35%	-0.3	-0.1	0.6	0.1	
3	Property purchase	Title raised/Gazetted	3	3	3	3
		Māori Reservation	3	3	3	3
		Māori Freehold Land	3	3	3	3
		Crown land	2	2	3	3
		Encumbrances and notations	-1	-2	-1	-1
		Number of owners and/or interest holders	-1	-2	2	3
		Government or private	3	3	3	3
		Owner type	0	0	3	3
		Motivation	-1	-3	3	3
		Hardship	-2	-2	3	3
		History and context	0	-2	3	3
		Political or Ministerial approval	-2	-3	3	3
		Owner representation	0	0	3	3
		Agreement of other interest holders	-1	-2	-1	-2
		Multiple decision makers	-2	-2	2	2
		Compulsory acquisition under PWA	-3	-3	3	3
		Negotiated acquisition	0	0	3	3
		Land value	-2	-2	-1	-2
		Administrator's costs related to acquisition	1	-1	3	3
		Crown costs to acquire	-1	-1	3	3
		Total Score	-1	-11	46	45
Average Score	-0.1	-0.6	2.3	2.3		
Weighting Applied to Total	30%	-0.3	-3.3	13.8	13.5	
Weighting Applied to Average	30%	0.0	-0.2	0.7	0.7	
4	Safety of all road users	AAAT & Heavies	0	0	0	0
		Crash History	-1	-1	-1	-1
		Ease of Access	1	-3	2	-1
		Vulnerable Road Users	-3	-1	-1	-2
		Environment	1	-1	2	2
		Geometry	2	-1	2	-1
		Risk Factors	-2	-3	-1	-2
		Total Score	-2	-10	3	-5
		Average Score	-0.3	-1.4	0.4	-0.7
		Weighting Applied to Total	20%	-0.4	-2	0.6
Weighting Applied to Average	20%	-0.1	-0.3	0.1	-0.1	
5	Environmental considerations	Section 6 Matters - Coastal Environment	2	-1	-1	-1
		Section 6 Matters - Waterbodies	2	-1	-1	-2
		Section 6 Matters - Flora/Fauna	1	-1	-1	-2
		Section 6 Matters - Cultural Values	1	-1	-1	-2
		Section 6 Matters - Natural Hazards	-1	1	1	-1
		Section 7 Matters - Amenity	-3	-2	3	-1
		Regional Consenting - Operational Stormwater	0	-1	0	0
		Regional Consenting - Operational Greywater	0	0	0	0
		Regional Consenting - Operational Wastewater	0	0	0	0
		Regional Consenting - Earthworks	0	0	0	0
		Other Hazards - Gas Main	-1	0	0	-1
		KCDC Policy Framework	-1	-2	-1	-1
		Total Score	0	-8	-1	-11
		Average Score	0.0	-0.7	-0.1	-0.9
		Weighting Applied to Total	10%	0	-0.8	-0.1
Weighting Applied to Average	10%	0.0	-0.1	0.0	-0.1	
TOTAL SCORE			-5.0	-25.0	61.0	28.0
TOTAL SCORE WEIGHTED			-2.0	-6.2	17.7	11.7
TOTAL AVERAGE SCORE			-0.6	-1.6	5.4	0.3
TOTAL AVERAGE SCORE WEIGHTED			-0.3	-0.5	1.4	0.5