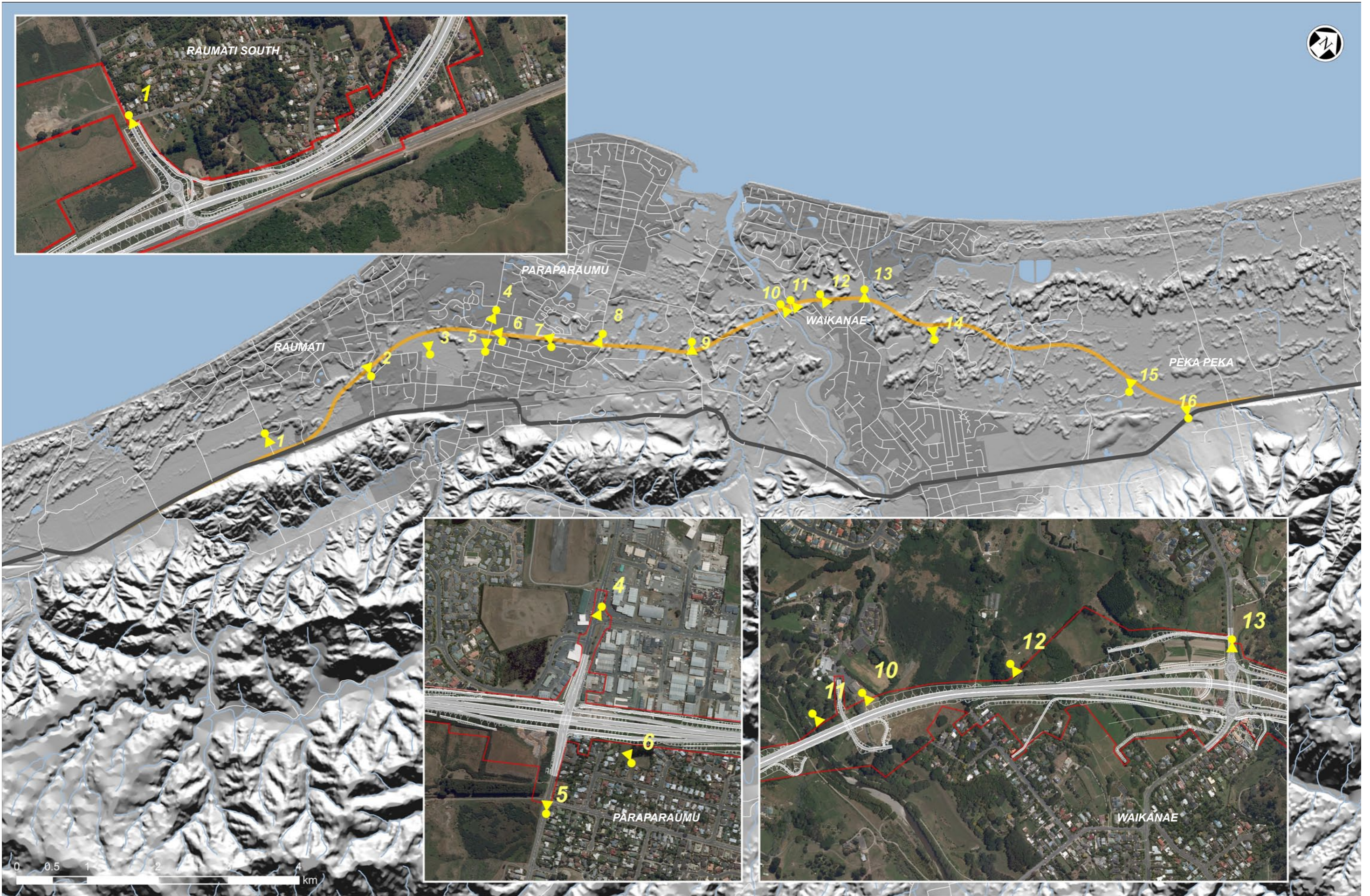


Appendix B FIGURES VS1 - VS16  
Assessment of Landscape and Visual Effects - Visual Simulations  
Mackays to Peka Peka Expressway

Prepared By Boffa Miskell Ltd

AEE Lodgement - 15 March 2012 - rev 1

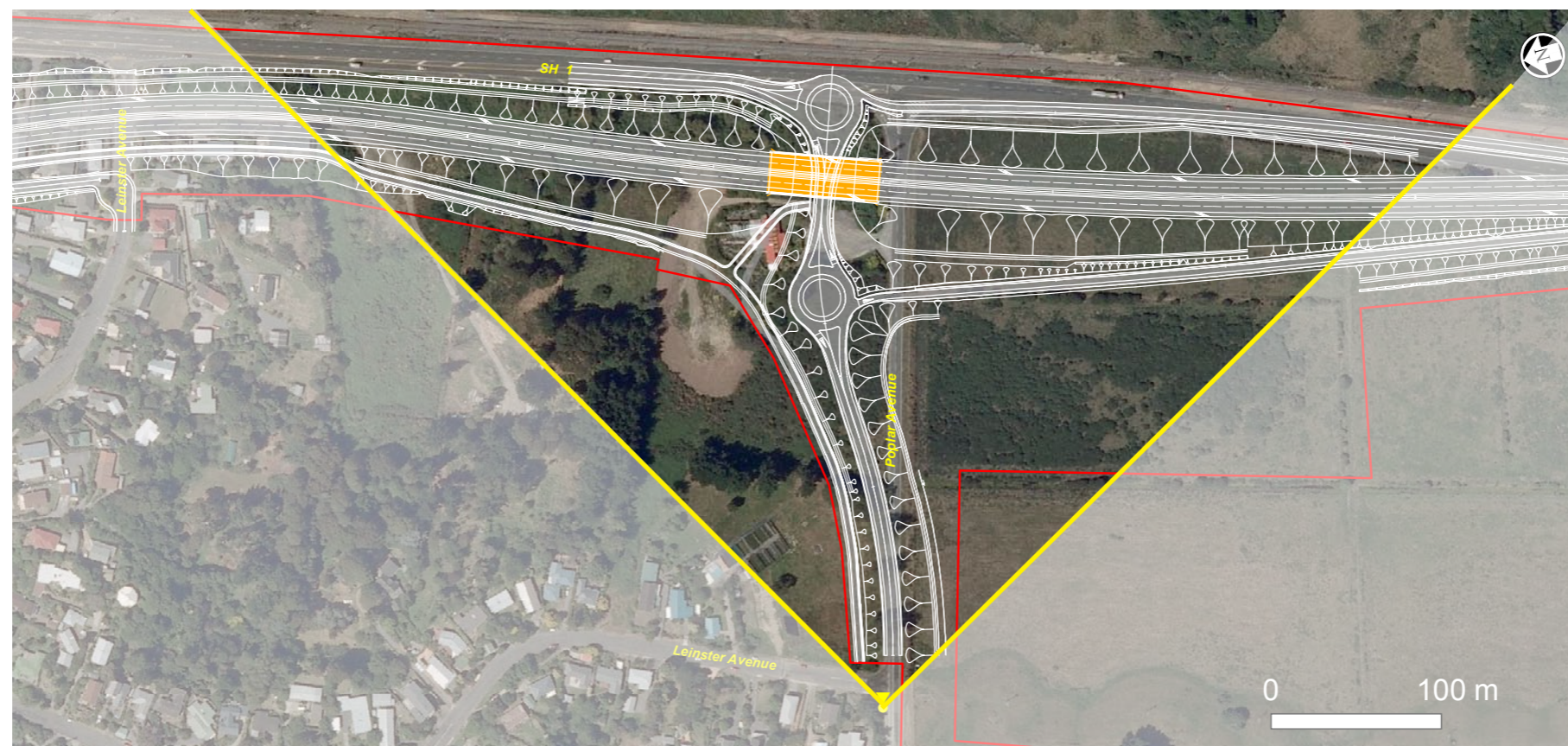




Aerial Photography flown by Aerial Surveys 2010




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Aerial Photography flown by Aerial Surveys 2010

LOCATION MAP

LEGEND	
	Proposed Designation
	Field of View of Simulation
	Noise Walls

VIEWPOINT & SIMULATION DETAILS	
NZTM Easting	: 1 767 470 mE
NZTM Northing	: 5 466 118 mN
Elevation	: 9 m
Date of Photography	: 11 Nov 2010 9:50am
Horizontal Field of View	: 90°
Observer Eye Height	: 1.6m



EXISTING VIEW



PROPOSED SITUATION FOLLOWING CONSTRUCTION






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LOCATION MAP

LEGEND	
	Proposed Designation
	Field of View of Simulation
	Noise Walls

VIEWPOINT & SIMULATION DETAILS	
NZTM Easting	: 1 767 816 mE
NZTM Northing	: 5 467 793 mN
Elevation	: 9 m
Date of Photography	: 27 Oct 2010 2:20pm
Horizontal Field of View	: 90°
Observer Eye Height	: 1.6m



EXISTING VIEW



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LOCATION MAP

LEGEND	
	Proposed Designation
	Field of View of Simulation
	Noise Walls

VIEWPOINT & SIMULATION DETAILS	
NZTM Easting	: 1 768 117 mE
NZTM Northing	: 5 468 630 mN
Elevation	: 4 m
Date of Photography	: 11 Nov 2010 2:35pm
Horizontal Field of View	: 90°
Observer Eye Height	: 1.6m





EXISTING VIEW



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Aerial Photography flown by Aerial Surveys 2010 LOCATION MAP

LEGEND	
	Construction Designation Boundary
	Field of View of Simulation
	Noise Walls

VIEWPOINT & SIMULATION DETAILS	
NZTM Easting	: 1 768 238 mE
NZTM Northing	: 5 469 755 mN
Elevation	: 8 m
Date of Photography	: 31 July 2011 12:35pm
Horizontal Field of View	: 37.5°
Observer Eye Height	: 1.6m

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EXISTING VIEW

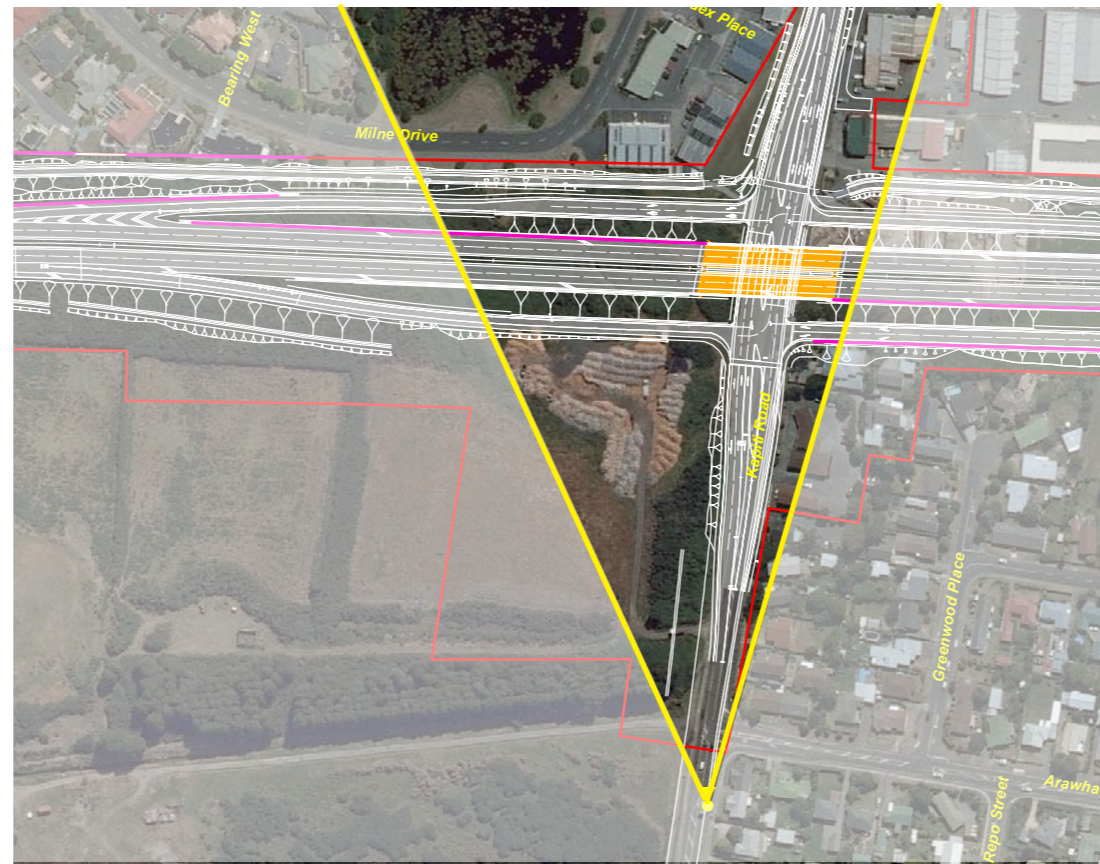


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Aerial Photography flown by Aerial Surveys 2010 LOCATION MAP

LEGEND	
	Construction Designation Boundary
	Field of View of Simulation
	Noise Walls

VIEWPOINT & SIMULATION DETAILS	
NZTM Easting	: 1 768 586 mE
NZTM Northing	: 5 469 257 mN
Elevation	: 8 m
Date of Photography	: 11 Nov 2010 11:00am
Horizontal Field of View	: 37.5°
Observer Eye Height	: 1.6m

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LOCATION MAP

LEGEND	
	Proposed Designation
	Field of View of Simulation
	Noise Walls

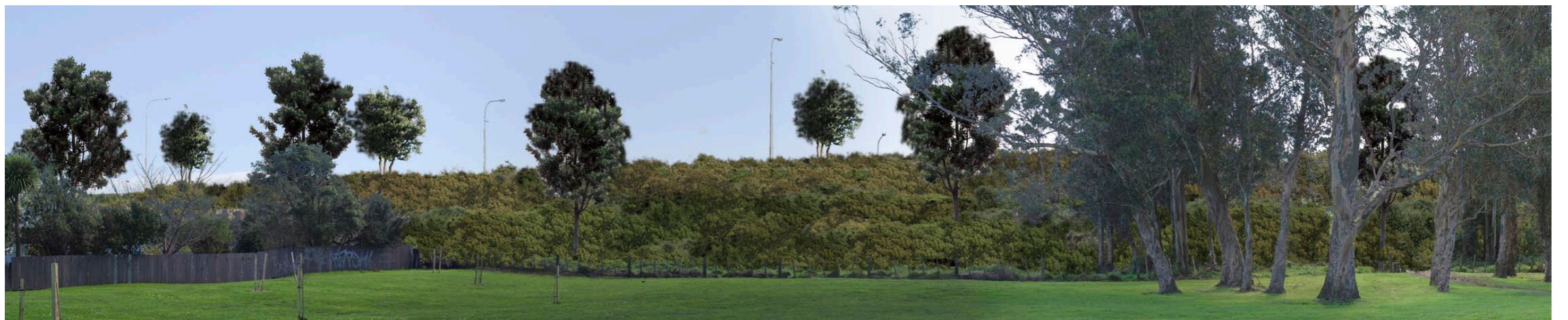
VIEWPOINT & SIMULATION DETAILS	
NZTM Easting	: 1 768 632 mE
NZTM Northing	: 5 469 535 mN
Elevation	: 7 m
Date of Photography	: 20 Aug 2011 2:35pm
Horizontal Field of View	: 90°
Observer Eye Height	: 1.6m



EXISTING VIEW



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LOCATION MAP

LEGEND	
	Proposed Designation
	Field of View of Simulation
	Noise Walls

VIEWPOINT & SIMULATION DETAILS	
NZTM Easting	: 1 769 140 mE
NZTM Northing	: 5 470 014 mN
Elevation	: 9 m
Date of Photography	: 20 July 2011 4:35pm
Horizontal Field of View	: 90°
Observer Eye Height	: 1.6m





EXISTING VIEW



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LOCATION MAP

LEGEND	
	Proposed Designation
	Field of View of Simulation
	Noise Walls

VIEWPOINT & SIMULATION DETAILS	
NZTM Easting	: 1 769 466 mE
NZTM Northing	: 5 470 695 mN
Elevation	: 7 m
Date of Photography	: 11 Nov 2010 11:15am
Horizontal Field of View	: 90°
Observer Eye Height	: 1.6m



EXISTING VIEW

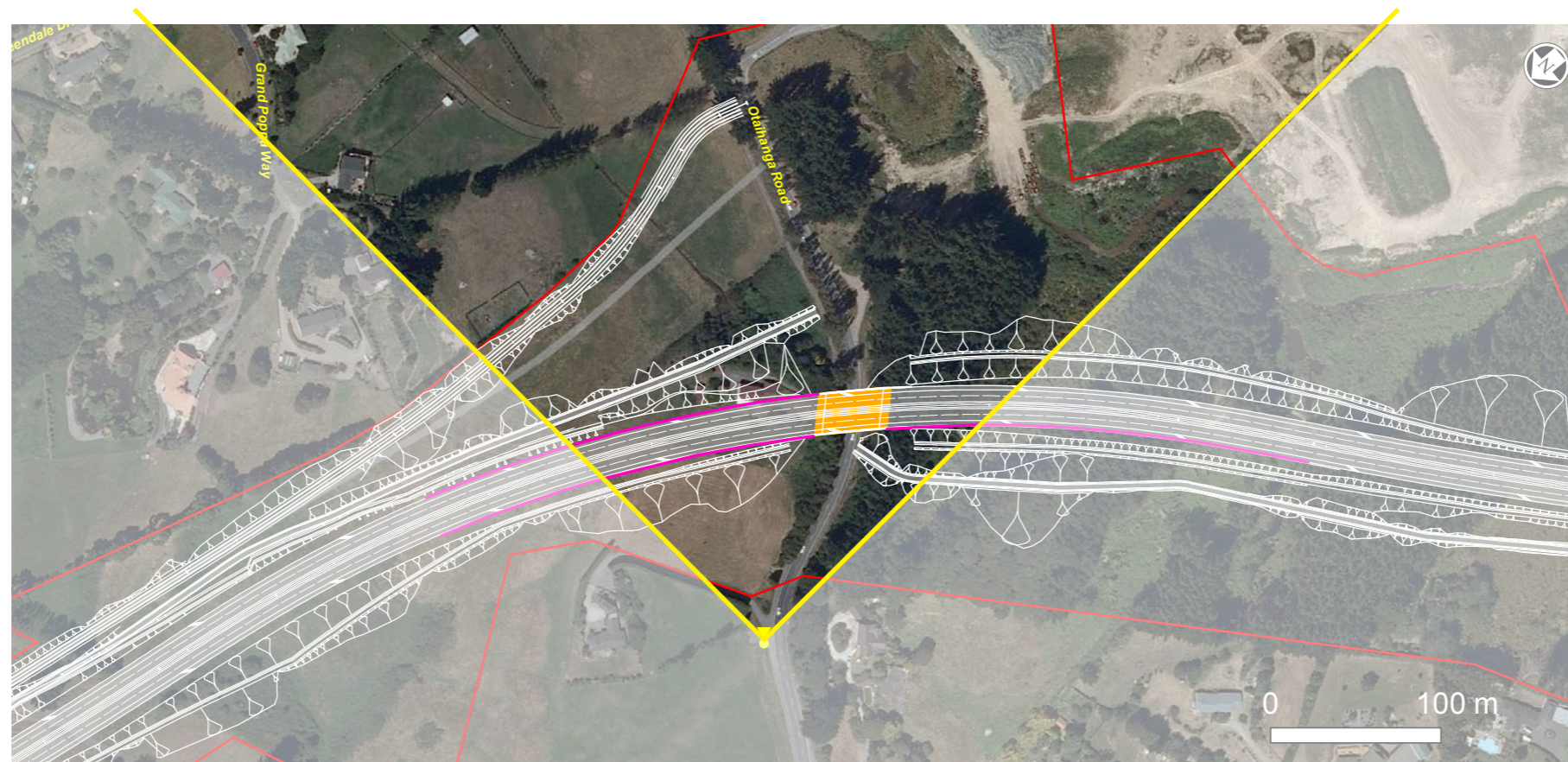


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LOCATION MAP

LEGEND	
	Proposed Designation
	Field of View of Simulation
	Noise Walls

VIEWPOINT & SIMULATION DETAILS	
NZTM Easting	: 1 770 365 mE
NZTM Northing	: 5 471 592 mN
Elevation	: 9 m
Date of Photography	: 11 Nov 2010 11:30am
Horizontal Field of View	: 90°
Observer Eye Height	: 1.6m



EXISTING VIEW

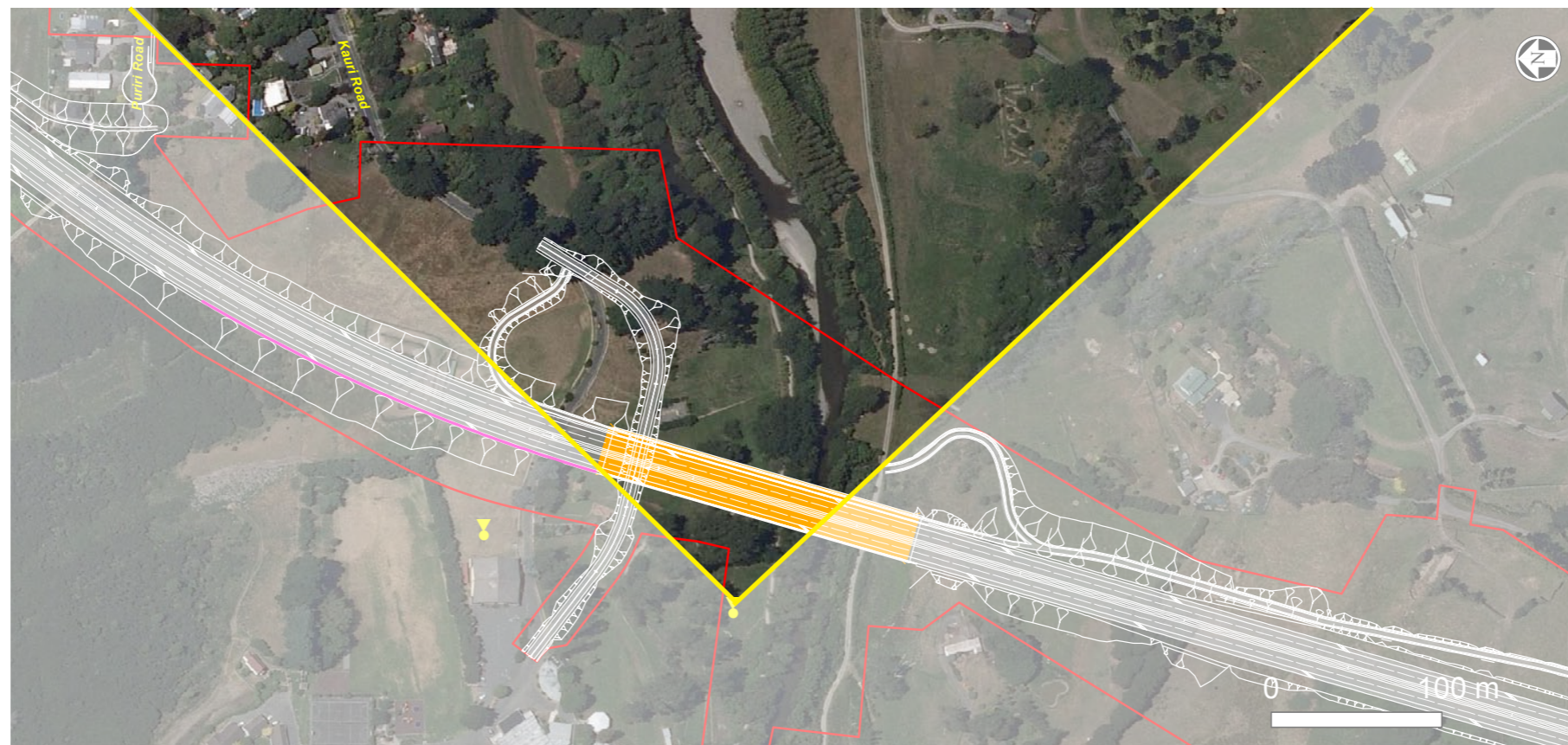


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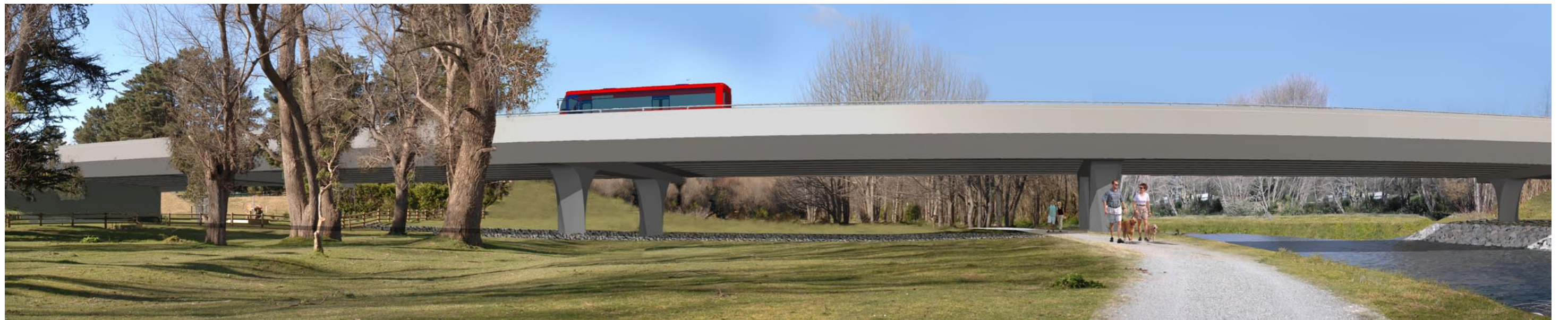
LOCATION MAP

LEGEND	
	Proposed Designation
	Field of View of Simulation
	Noise Walls

VIEWPOINT & SIMULATION DETAILS	
NZTM Easting	: 1 770 765 mE
NZTM Northing	: 5 472 896 mN
Elevation	: 2 m
Date of Photography	: 20 Aug 2011 3:25pm
Horizontal Field of View	: 90°
Observer Eye Height	: 1.6m



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LOCATION MAP

LEGEND	
	Proposed Designation
	Field of View of Simulation
	Noise Walls

VIEWPOINT & SIMULATION DETAILS	
NZTM Easting	: 1 770 810 mE
NZTM Northing	: 5 473 042 mN
Elevation	: 2 m
Date of Photography	: 20 Aug 2011 3:15pm
Horizontal Field of View	: 90°
Observer Eye Height	: 1.6m





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LOCATION MAP

LEGEND	
	Proposed Designation
	Field of View of Simulation
	Noise Walls

VIEWPOINT & SIMULATION DETAILS	
NZTM Easting	: 1 771 017 mE
NZTM Northing	: 5 473 417 mN
Elevation	: 21 m
Date of Photography	: 28 Jan 2011 10:50am
Horizontal Field of View	: 90°
Observer Eye Height	: 1.6m



EXISTING VIEW

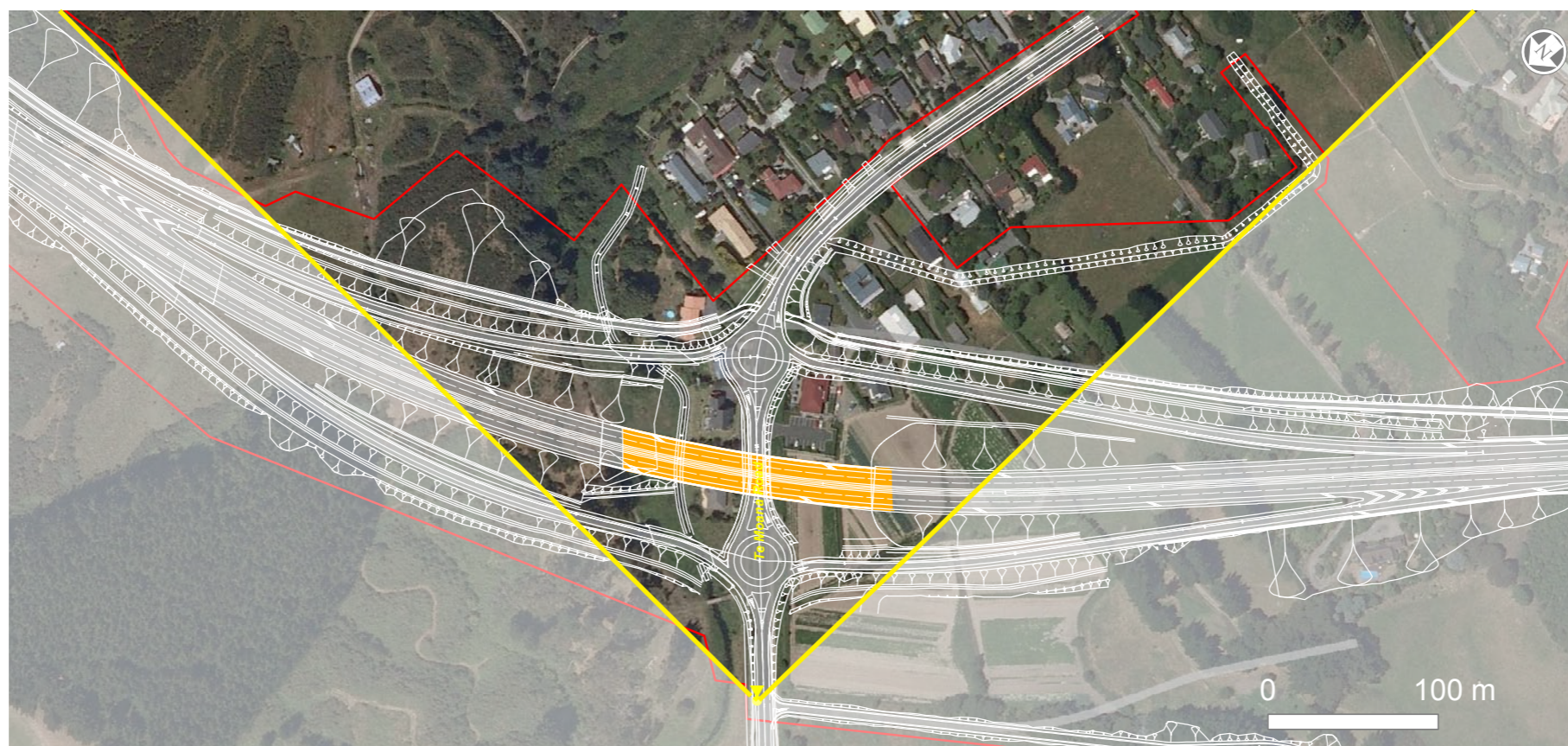


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LOCATION MAP

LEGEND	
	Proposed Designation
	Field of View of Simulation
	Noise Walls

VIEWPOINT & SIMULATION DETAILS	
NZTM Easting	: 1 771 368 mE
NZTM Northing	: 5 473 944 mN
Elevation	: 4 m
Date of Photography	: 11 Nov 2010 12:00pm
Horizontal Field of View	: 90°
Observer Eye Height	: 1.6m



EXISTING VIEW

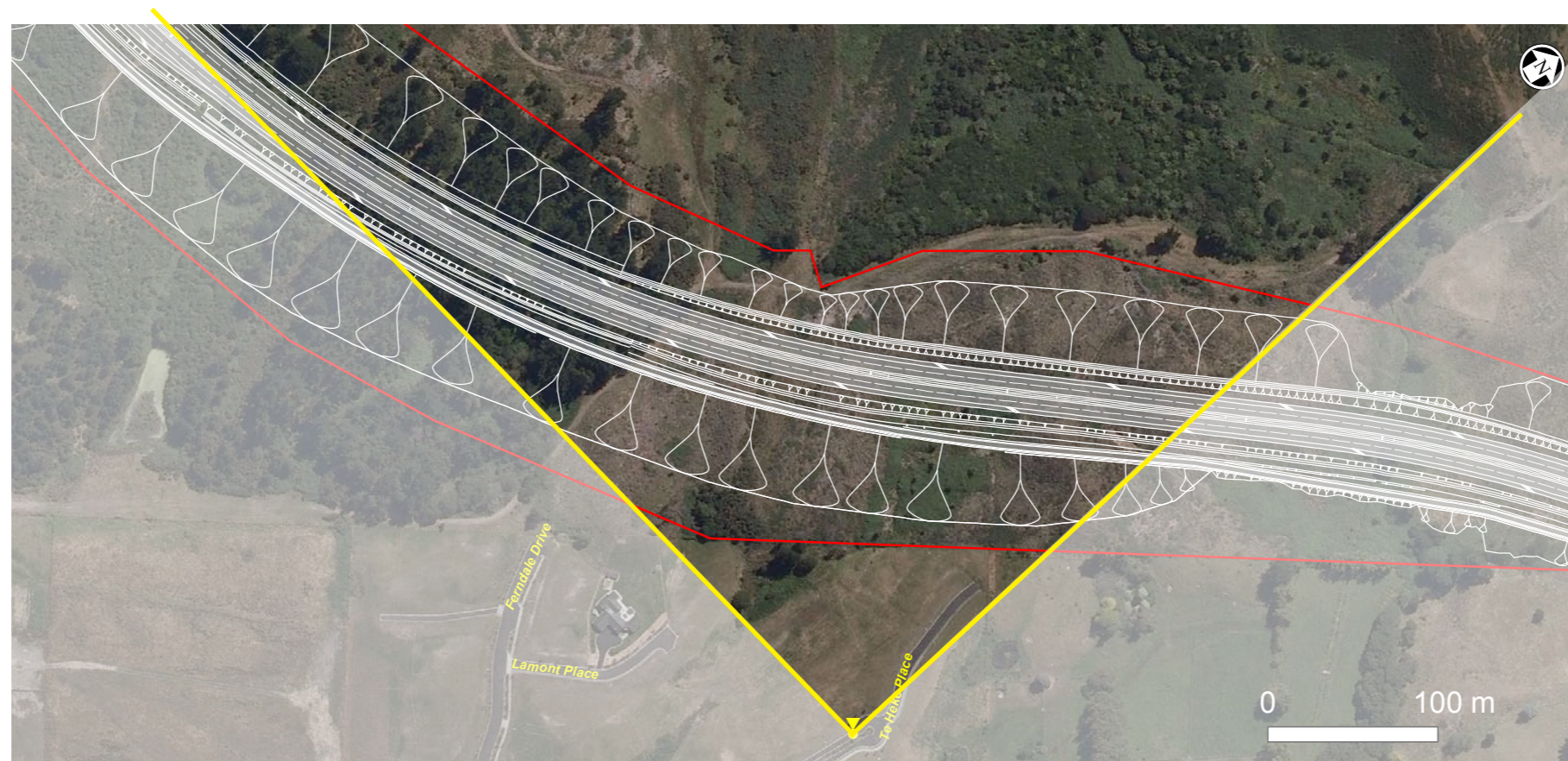


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LOCATION MAP

LEGEND	
	Proposed Designation
	Field of View of Simulation
	Noise Walls

VIEWPOINT & SIMULATION DETAILS	
NZTM Easting	: 1 772 554 mE
NZTM Northing	: 5 474 241 mN
Elevation	: 20 m
Date of Photography	: 20 July 2011 2:55pm
Horizontal Field of View	: 90°
Observer Eye Height	: 1.6m



EXISTING VIEW



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LOCATION MAP

LEGEND	
	Proposed Designation
	Field of View of Simulation
	Noise Walls

VIEWPOINT & SIMULATION DETAILS	
NZTM Easting	: 1 774 896 mE
NZTM Northing	: 5 475 884 mN
Elevation	: 8 m
Date of Photography	: 31 July 2011 11:00am
Horizontal Field of View	: 90°
Observer Eye Height	: 1.6m





EXISTING VIEW

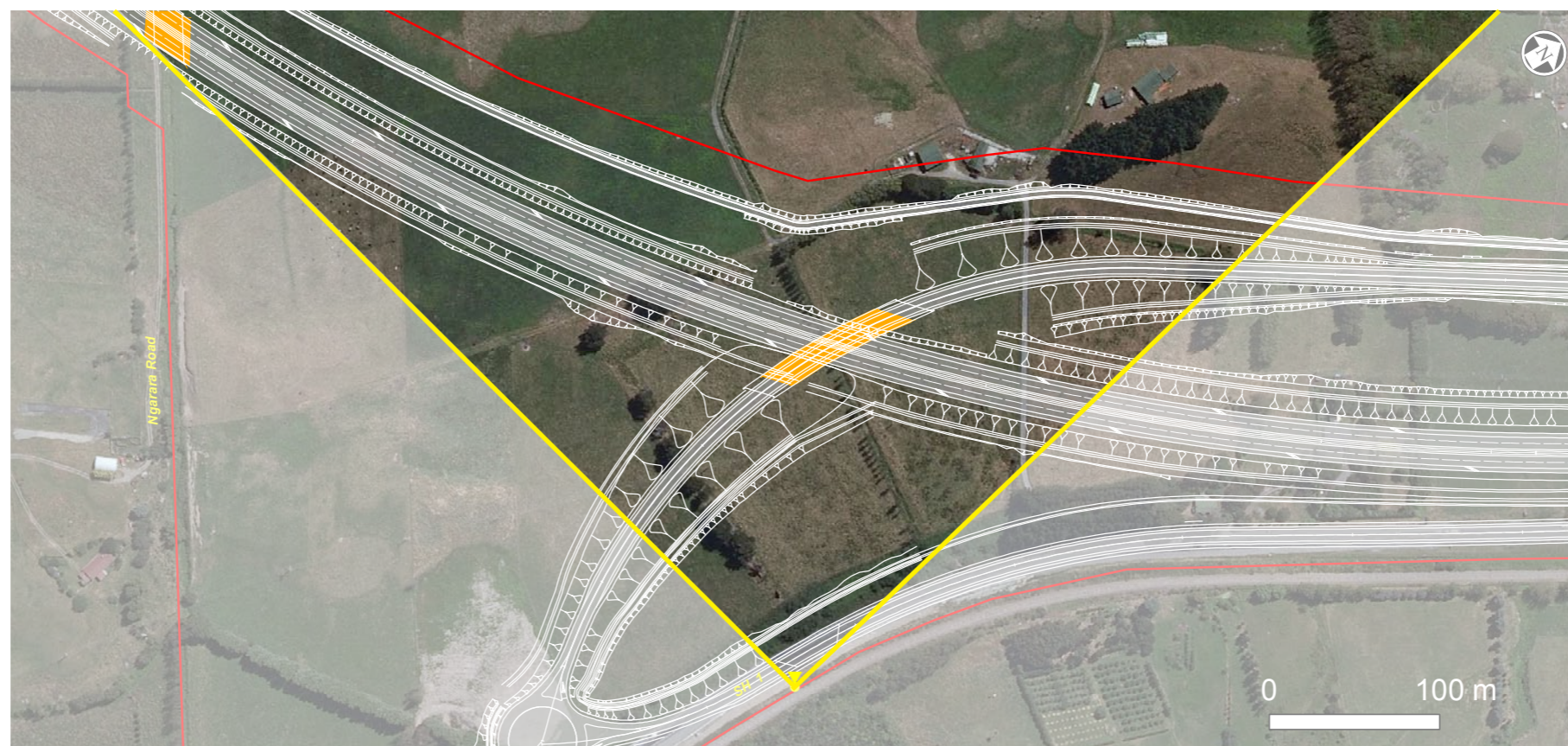


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LOCATION MAP

LEGEND	
	Proposed Designation
	Field of View of Simulation
	Noise Walls

VIEWPOINT & SIMULATION DETAILS	
NZTM Easting	: 1 775 720 mE
NZTM Northing	: 5 476 283 mN
Elevation	: 12 m
Date of Photography	: 31 July 2011 10:55am
Horizontal Field of View	: 90°
Observer Eye Height	: 1.6m



EXISTING VIEW



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