

Ōtaki to North of Levin Highway Project. Photo Simulations Volume III

October
2022

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Isthmus.



Land.
People.
Culture.
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Document record

Issue	Revision	Author	QA	Date
Draft	A	AE	LR	29.08.22
Final Draft	B	AE	LR	14.09.22
Final	Volume III	AE	LR	13.10.22



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Photosimulation Viewpoint Location Map.



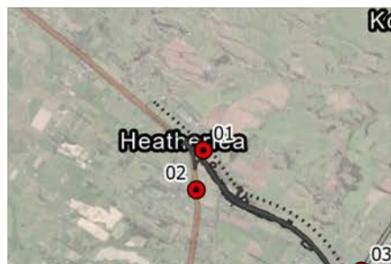
Viewpoint 1 - Existing

Heatherlea East Road (opposite #21) looking south-east towards highway.



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Ōtaki to North Levin | October 2022 - Photo Simulations Volume III



Original Photo Lisa Rimmer | 50mm | DSLR Nikon D800 |
12:09pm 17 March 2022 | 1794737 E, 5503916 N (NZTM)
Reading distance for correct scale: 400mm | Viewpoint Elevation: 40m
Field of View Approximately 110° horizontal (across 2 x A3 pages)



Viewpoint 1 - Proposed - No Planting

Heatherlea East Road (opposite #21) looking south-east towards highway.



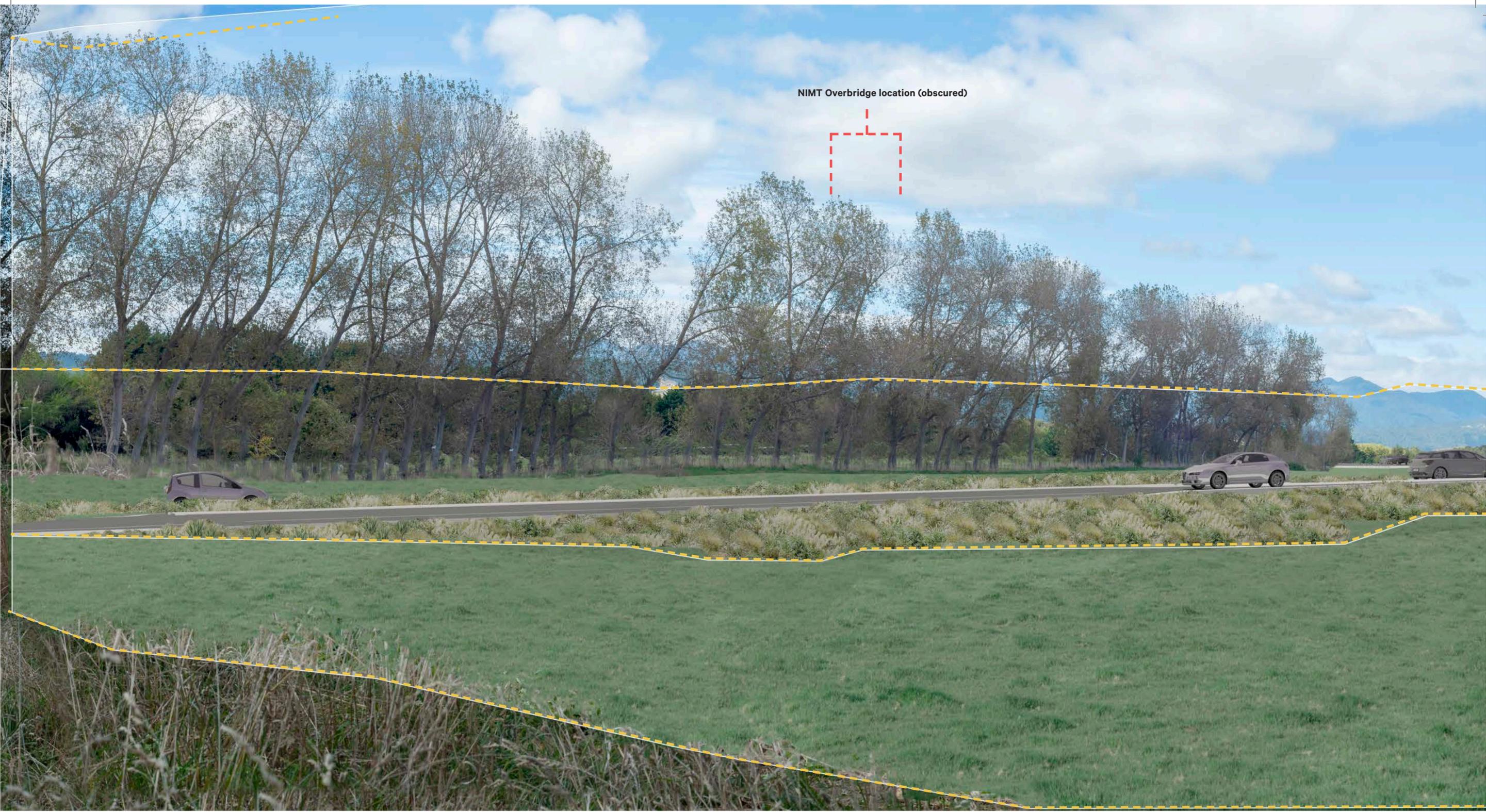


Original Photo Lisa Rimmer | 50mm | DSLR Nikon D800 |
12:09pm 17 March 2022 | 1794737 E, 5503916 N (NZTM)
Reading distance for correct scale: 400mm | Viewpoint Elevation: 40m
Field of View Approximately 110° horizontal (across 2 x A3 pages)

Note: Photosimulations do not show detailed design features such as road markings, vehicle barriers, reflector markers, traffic signs or pole lighting (noting lighting is only proposed at the interchanges and roundabouts) and there are currently no gantries or overhead signs required for the project, including names and narratives.

Mahi toi elements, including narratives to be integrated within design of structures or as standalone elements, have not been confirmed and are not shown on the photosimulations

Fencing to the edge of the highway is not shown, TBC.

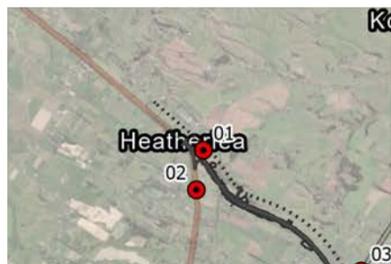


NIMT Overbridge location (obscured)

Viewpoint 1 - Proposed - With Planting

Heatherlea East Road (opposite #21) looking south-east towards highway.





Original Photo Lisa Rimmer | 50mm | DSLR Nikon D800 |
 12:09pm 17 March 2022 | 1794737 E, 5503916 N (NZTM)
 Reading distance for correct scale: 400mm | Viewpoint Elevation: 40m
 Field of View Approximately 110° horizontal (across 2 x A3 pages)



Dotted line shows approximate area of Re-established Tall Forest planting and height at 5years. Actual planting not shown, as it would screen the highway from this viewpoint.

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Fencing to the edge of the highway is not shown, TBC.

Planting shown represents conservative growth rates at approximately Year 5. Proposed taller planting in the foreground of this image (including for ecology or landscape and visual or natural character effects) has not been shown in the photosimulations. This is to ensure that the highway features and the rehabilitation planting on the earthworks footprint can be seen in the image. A photosimulation showing all the proposed planting would screen sections of, and/or the highway in its entirety from this viewpoint. Refer to the Planting Concept Plan for details of the planting proposed.



Viewpoint 2 - Existing

The Avenue (opposite #157) north of the intersection with Avenue North Road looking east toward the NIMT overbridge and ramps.





Original Photo Lisa Rimmer | 50mm | DSLR Nikon D800 |
11:57am 17 March 2022 | 794632 E, 5503336 N (NZTM)
Reading distance for correct scale: 400mm | Viewpoint Elevation: 46m
Field of View Approximately 110° horizontal (across 2 x A3 pages)



Viewpoint 2 - Proposed - No Planting

The Avenue (opposite #157) north of the intersection with Avenue North Road looking east toward the NIMT overbridge and ramps.





Original Photo Lisa Rimmer | 50mm | DSLR Nikon D800 |
 11:57am 17 March 2022 | 794632 E, 5503336 N (NZTM)
 Reading distance for correct scale: 400mm | Viewpoint Elevation: 46m
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Fencing to the edge of the highway is not shown, TBC.



Viewpoint 2 - Proposed - With Planting

The Avenue (opposite #157) north of the intersection with Avenue North Road looking east toward the NIMT overbridge and ramps.





Original Photo Lisa Rimmer | 50mm | DSLR Nikon D800 | 11:57am 17 March 2022 | 794632 E, 5503336 N (NZTM)
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Mahi toi elements, including narratives to be integrated within design of structures or as standalone elements, have not been confirmed and are not shown on the photosimulations.

Fencing to the edge of the highway is not shown, TBC.

Planting shown represents conservative growth rates at approximately Year 5.



Viewpoint 3 - Existing

Arapaepae Road (opposite #317) Road) looking south towards the O2NL and SH58 roundabout.





Original Photo Lisa Rimmer | 50mm | DSLR Nikon D800 |
12:44pm 17 March 2022 | 1797068 E, 5502145 N (NZTM)
Reading distance for correct scale: 400mm | Viewpoint Elevation: 18m
Field of View Approximately 110° horizontal (across 2 x A3 pages)



Viewpoint 3 - Proposed - No Planting

Arapaepae Road (opposite #317) Road) looking south towards the O2NL and SH58 roundabout.





Original Photo Lisa Rimmer | 50mm | DSLR Nikon D800 |
12:44pm 17 March 2022 | 1797068 E, 5502145 N (NZTM)
Reading distance for correct scale: 400mm | Viewpoint Elevation: 18m
Field of View Approximately 110° horizontal (across 2 x A3 pages)

Note: Photosimulations do not show detailed design features such as road markings, vehicle barriers, reflector markers, traffic signs or pole lighting (noting lighting is only proposed at the interchanges and roundabouts) and there are currently no gantries or overhead signs required for the project, including names and narratives.

Powerlines have been removed from the view where an existing road is realigned. Detailed design lighting is tbc including options for underground services

Mahi toi elements, including narratives to be integrated within design of structures or as standalone elements, have not been confirmed and are not shown on the photosimulations.

Fencing to the edge of the highway is not shown, TBC.



Viewpoint 3 - Proposed - With Planting

Arapaepae Road (opposite #317) Road) looking south towards the O2NL and SH58 roundabout.





Original Photo Lisa Rimmer | 50mm | DSLR Nikon D800 |
 12:44pm 17 March 2022 | 1797068 E, 5502145 N (NZTM)
 Reading distance for correct scale: 400mm | Viewpoint Elevation: 18m
 Field of View Approximately 110° horizontal (across 2 x A3 pages)

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Mahi toi elements, including narratives to be integrated within design of structures or as standalone elements, have not been confirmed and are not shown on the photosimulations.

Fencing to the edge of the highway is not shown, TBC.

Powerlines have been removed from the view where an existing road is realigned. Detailed design lighting is tbc including options for underground services

Planting shown represents conservative growth rates at approximately Year 5.



Viewpoint 4 - Existing

Arapaepae Road (south of the intersection with Queen Street East) looking NE towards Ō2NL and Queen Street East overbridge.





Original Photo Lisa Rimmer | 50mm | DSLR Nikon D800 |
13:26pm 17 March 2022 | 1794946 E, 5499566 N (NZTM)
Reading distance for correct scale: 400mm | Viewpoint Elevation: 44m
Field of View Approximately 110° horizontal (across 2 x A3 pages)



Viewpoint 4 - Proposed - No Planting

Arapaepae Road (south of the intersection with Queen Street East) looking NE towards Ō2NL and Queen Street East overbridge.





Original Photo Lisa Rimmer | 50mm | DSLR Nikon D800 |
13:26pm 17 March 2022 | 1794946 E, 5499566 N (NZTM)
Reading distance for correct scale: 400mm | Viewpoint Elevation: 44m
Field of View Approximately 110° horizontal (across 2 x A3 pages)

Note: Photosimulations do not show detailed design features such as road markings, vehicle barriers, reflector markers, traffic signs or pole lighting (noting lighting is only proposed at the interchanges and roundabouts) and there are currently no gantries or overhead signs required for the project, including names and narratives.

Mahi toi elements, including narratives to be integrated within design of structures or as standalone elements, have not been confirmed and are not shown on the photosimulations.

Fencing to the edge of the highway is not shown, TBC.



Viewpoint 4 - Proposed - With Planting

Arapaepae Road (south of the intersection with Queen Street East) looking NE towards Ō2NL and Queen Street East overbridge.





Original Photo Lisa Rimmer | 50mm | DSLR Nikon D800 |
 13:26pm 17 March 2022 | 1794946 E, 5499566 N (NZTM)
 Reading distance for correct scale: 400mm | Viewpoint Elevation: 44m
 Field of View Approximately 110° horizontal (across 2 x A3 pages)



Dotted line shows approximate area of Ecological Offsetting Site and height at 5years. Actual planting not shown, as it would screen the highway from this viewpoint.

Note: Photosimulations do not show detailed design features such as road markings, vehicle barriers, reflector markers, traffic signs or pole lighting (noting lighting is only proposed at the interchanges and roundabouts) and there are currently no gantries or overhead signs required for the project, including names and narratives.

Mahi toi elements, including narratives to be integrated within design of structures or as standalone elements, have not been confirmed and are not shown on the photosimulations.

Fencing to the edge of the highway is not shown, TBC. Fencing along Arapaepae Road to be retained.

Planting shown represents conservative growth rates at approximately Year 5. Proposed taller planting in the foreground of this image (including for ecology or landscape and visual or natural character effects) has not been shown in the photosimulations. This is to ensure that the highway features and the rehabilitation planting on the earthworks footprint can be seen in the image. A photosimulation showing all the proposed planting would screen sections of, and/or the highway in its entirety from this viewpoint. Refer to the Planting Concept Plan for details of the planting proposed.



Viewpoint 5 - Existing

Arapaepae Road (north of the intersection with Tararua Road) looking SE towards Ō2NL and the Tararua Road interchange





Original Photo Lisa Rimmer | 50mm | DSLR Nikon D800 |
13:57pm 17 March 2022 | 1794107 E, 5498563 N (NZTM)
Reading distance for correct scale: 400mm | Viewpoint Elevation: 58m
Field of View Approximately 110° horizontal (across 2 x A3 pages)



Viewpoint 5 - Proposed - No Planting

Arapaepae Road (north of the intersection with Tararua Road) looking SE towards Ō2NL and the Tararua Road interchange





Original Photo Lisa Rimmer | 50mm | DSLR Nikon D800 |
13:57pm 17 March 2022 | 1794107 E, 5498563 N (NZTM)
Reading distance for correct scale: 400mm | Viewpoint Elevation: 58m
Field of View Approximately 110° horizontal (across 2 x A3 pages)

Note: Photosimulations do not show detailed design features such as road markings, vehicle barriers, reflector markers, traffic signs or pole lighting (noting lighting is only proposed at the interchanges and roundabouts) and there are currently no gantries or overhead signs required for the project, including names and narratives.

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Fencing to the edge of the highway is not shown, TBC.



Viewpoint 5 - Proposed - With Planting

Arapaepae Road (north of the intersection with Tararua Road) looking SE towards Ō2NL and the Tararua Road interchange





Original Photo Lisa Rimmer | 50mm | DSLR Nikon D800 |
 13:57pm 17 March 2022 | 1794107 E, 5498563 N (NZTM)
 Reading distance for correct scale: 400mm | Viewpoint Elevation: 58m
 Field of View Approximately 110° horizontal (across 2 x A3 pages)

Note: Photosimulations do not show detailed design features such as road markings, vehicle barriers, reflector markers, traffic signs or pole lighting (noting lighting is only proposed at the interchanges and roundabouts) and there are currently no gantries or overhead signs required for the project, including names and narratives.

Mahi toi elements, including narratives to be integrated within design of structures or as standalone elements, have not been confirmed and are not shown on the photosimulations.

Fencing to the edge of the highway is not shown, TBC.

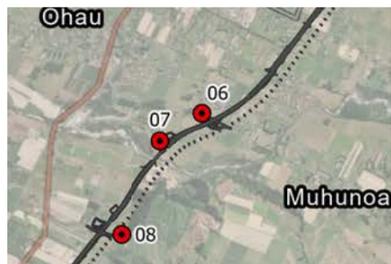
Planting shown represents conservative growth rates at approximately Year 5.



Viewpoint 6 - Existing

Muhunoa East Road (near #205) looking SE to Muhunoa East Road overbridge and Ō2NL.





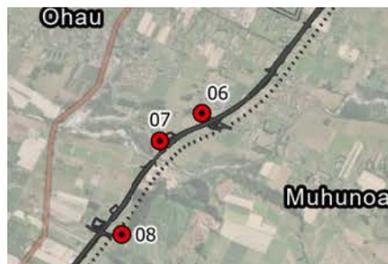
Original Photo Lisa Rimmer | 50mm | DSLR Nikon D800 |
15:07pm 17 March 2022 | 1792467 E, 5496234 N (NZTM)
Reading distance for correct scale: 400mm | Viewpoint Elevation: 61m
Field of View Approximately 110° horizontal (across 2 x A3 pages)



Viewpoint 6 - Proposed - No Planting

Muhunoa East Road (near #205) looking SE to Muhunoa East Road overbridge and Ō2NL.



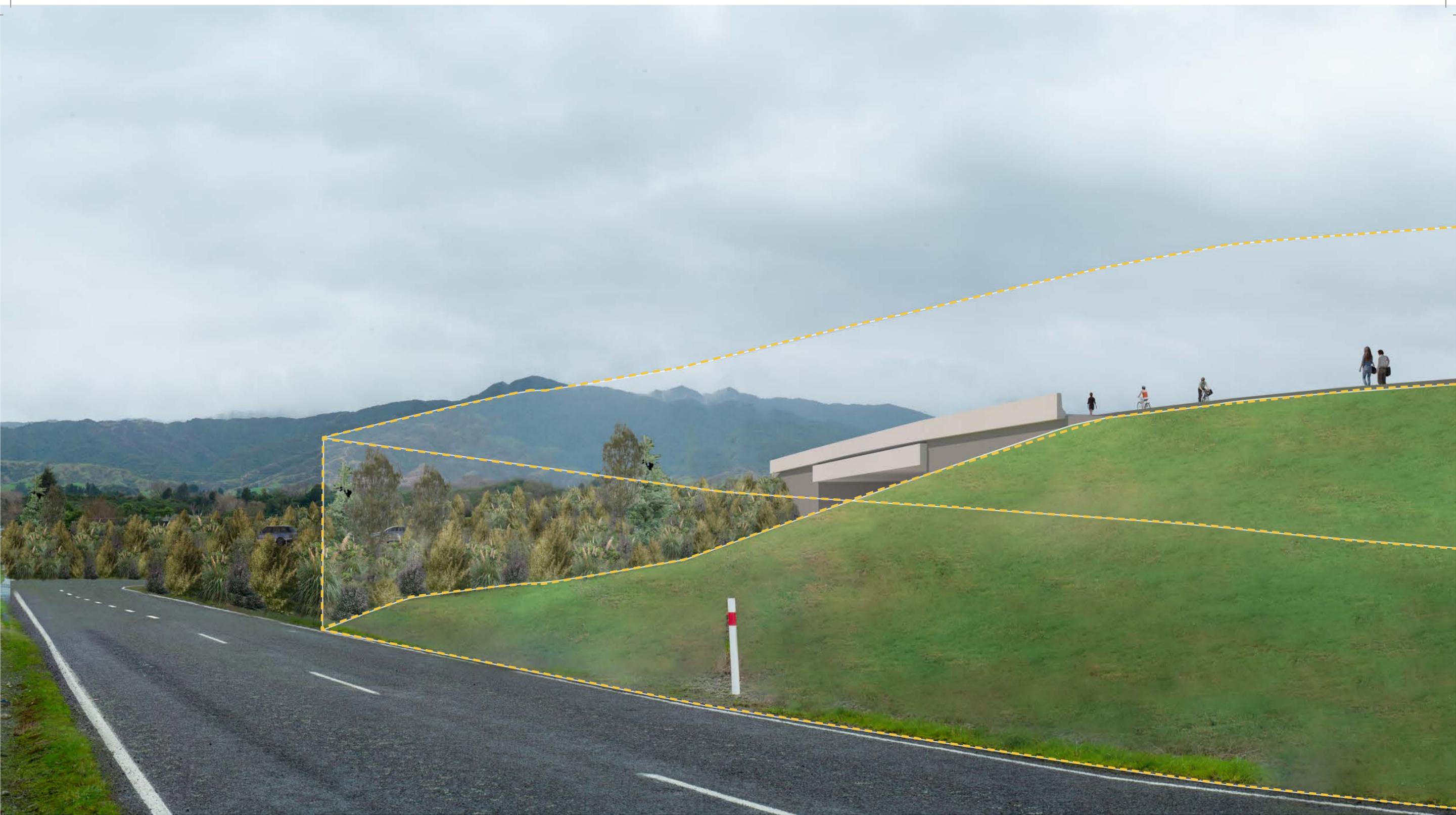


Original Photo Lisa Rimmer | 50mm | DSLR Nikon D800 |
15:07pm 17 March 2022 | 1792467 E, 5496234 N (NZTM)
Reading distance for correct scale: 400mm | Viewpoint Elevation: 61m
Field of View Approximately 110° horizontal (across 2 x A3 pages)

Note: Photosimulations do not show detailed design features such as road markings, vehicle barriers, reflector markers, traffic signs or pole lighting (noting lighting is only proposed at the interchanges and roundabouts) and there are currently no gantries or overhead signs required for the project, including names and narratives.

Mahi toi elements, including narratives to be integrated within design of structures or as standalone elements, have not been confirmed and are not shown on the photosimulations

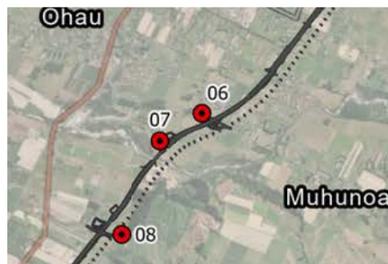
Fencing to the edge of the highway is not shown, TBC.



Viewpoint 6 - Proposed - With Planting

Muhunoa East Road (near #205) looking SE to Muhunoa East Road overbridge and Ō2NL.





Original Photo Lisa Rimmer | 50mm | DSLR Nikon D800 | 15:07pm 17 March 2022 | 1792467 E, 5496234 N (NZTM)
 Reading distance for correct scale: 400mm | Viewpoint Elevation: 61m
 Field of View Approximately 110° horizontal (across 2 x A3 pages)



Dotted line shows approximate area of Re-established Tall Forest planting and height at 5years. Actual planting not shown, as it would screen the highway from this viewpoint.

Note: Photosimulations do not show detailed design features such as road markings, vehicle barriers, reflector markers, traffic signs or pole lighting (noting lighting is only proposed at the interchanges and roundabouts) and there are currently no gantries or overhead signs required for the project, including names and narratives.

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Viewpoint 7 - Existing

Private property at 210 Muhunoa East Road looking south towards bridge over Ohau River.





Original Photo AE | 50mm | DSLR Nikon D800 | March 2022 |
13:38pm 30 June 2022 | 1790973 E, 5495155 N (NZTM)
Reading distance for correct scale: 400mm | Viewpoint Elevation: 38m
Field of View Approximately 110° horizontal (across 2 x A3 pages)



Viewpoint 7 - Proposed - No Planting

Private property at 210 Muhunoa East Road looking south towards bridge over Ohau River.





Original Photo AE | 50mm | DSLR Nikon D800 | March 2022 |
 13:38pm 30 June 2022 | 1790973 E, 5495155 N (NZTM)
 Reading distance for correct scale: 400mm | Viewpoint Elevation: 38m
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Mahi toi elements, including narratives to be integrated within design of structures or as standalone elements, have not been confirmed and are not shown on the photosimulations.

Fencing to the edge of the highway is not shown, TBC.

Shared use path lighting is to be confirmed in particular locations during detailed design.



Viewpoint 7 - Proposed - With Planting

Private property at 210 Muhunua East Road looking south towards bridge over Ohau River.





Original Photo AE | 50mm | DSLR Nikon D800 | March 2022 |
 13:38pm 30 June 2022 | 1790973 E, 5495155 N (NZTM)
 Reading distance for correct scale: 400mm | Viewpoint Elevation: 38m
 Field of View Approximately 110° horizontal (across 2 x A3 pages)

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Fencing to the edge of the highway is not shown, TBC.

Planting shown represents conservative growth rates at approximately Year 5.

Shared use path lighting is to be confirmed in particular locations during detailed design.



Viewpoint 8 - Existing

Kuku East Road (near #111) looking south-east toward Kuku Road East overbridge and Ō2NL. Kuku Stream to right.





Original Photo AE | 50mm | 30 June 2022 |
1790397 E, 5493786 N (NZTM)
Reading distance for correct scale: 400mm | Viewpoint Elevation:
Field of View Approximately 110° horizontal (across 2 x A3 pages)



Viewpoint 8 - Proposed - No Planting

Kuku East Road (near #111) looking south-east toward Kuku Road East overbridge and Ō2NL. Kuku Stream to right.





Original Photo AE | 50mm | 30 June 2022 |
1790397 E, 5493786 N (NZTM)
Reading distance for correct scale: 400mm | Viewpoint Elevation:
Field of View Approximately 110° horizontal (across 2 x A3 pages)

Note: Photosimulations do not show detailed design features such as road markings, vehicle barriers, reflector markers, traffic signs or pole lighting (noting these are only proposed at the interchanges and roundabouts) and there are no gantries or overhead signs required for the project, including names and narratives.

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Viewpoint 8 - Proposed - With Planting

Kuku East Road (near #111) looking south-east toward Kuku Road East overbridge and Ō2NL. Kuku Stream to right.





Original Photo AE | 50mm | 30 June 2022 |
 1790397 E, 5493786 N (NZTM)
 Reading distance for correct scale: 400mm | Viewpoint Elevation:
 Field of View Approximately 110° horizontal (across 2 x A3 pages)

Note: Photosimulations do not show detailed design features such as road markings, vehicle barriers, reflector markers, traffic signs or pole lighting (noting lighting is only proposed at the interchanges and roundabouts) and there are currently no gantries or overhead signs required for the project, including names and narratives.

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Viewpoint 9 - Existing

Private property at 121A North Manakau Road looking north-west toward Waikawa Stream.



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Ōtaki to North Levin | October 2022 - Photo Simulations Volume III



Original Photo Lisa Rimmer | 50mm | DSLR Nikon D800 |
16:23pm 17 March 2022 | 1788548 E, 5491814 N (NZTM)
Reading distance for correct scale: 400mm | Viewpoint Elevation: 49m
Field of View Approximately 110° horizontal (across 2 x A3 pages)



Viewpoint 9 - Proposed - No Planting

Private property at 121A North Manakau Road looking north-west toward Waikawa Stream.



Isthmus.



Original Photo Lisa Rimmer | 50mm | DSLR Nikon D800 |
16:23pm 17 March 2022 | 1788548 E, 5491814 N (NZTM)
Reading distance for correct scale: 400mm | Viewpoint Elevation: 49m
Field of View Approximately 110° horizontal (across 2 x A3 pages)

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Viewpoint 9 - Proposed - With Planting

Private property at 121A North Manakau Road looking north-west toward Waikawa Stream.



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 16:23pm 17 March 2022 | 1788548 E, 5491814 N (NZTM)
 Reading distance for correct scale: 400mm | Viewpoint Elevation: 49m
 Field of View Approximately 110° horizontal (across 2 x A3 pages)

 Approximate location of active stream bed (obscured)

Note: Photosimulations do not show detailed design features such as road markings, vehicle barriers, reflector markers, traffic signs or pole lighting (noting lighting is only proposed at the interchanges and roundabouts) and there are currently no gantries or overhead signs required for the project, including names and narratives.

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Fencing to the edge of the highway is not shown, TBC.

Planting shown represents conservative growth rates at approximately Year 5.



Viewpoint 10 - Existing

North Manakau Road (near #51) looking east towards Ō2NL and North Manakau Road overbridge.





Original Photo AE | 50mm | DSLR Nikon D800 |
14:54pm 30 June 2022 | 1788142 E, 5491393 N (NZTM)
Reading distance for correct scale: 400mm | Viewpoint Elevation: 50m
Field of View Approximately 110° horizontal (across 2 x A3 pages)



Viewpoint 10 - Proposed - No Planting

North Manakau Road (near #51) looking east towards Ō2NL and North Manakau Road overbridge.



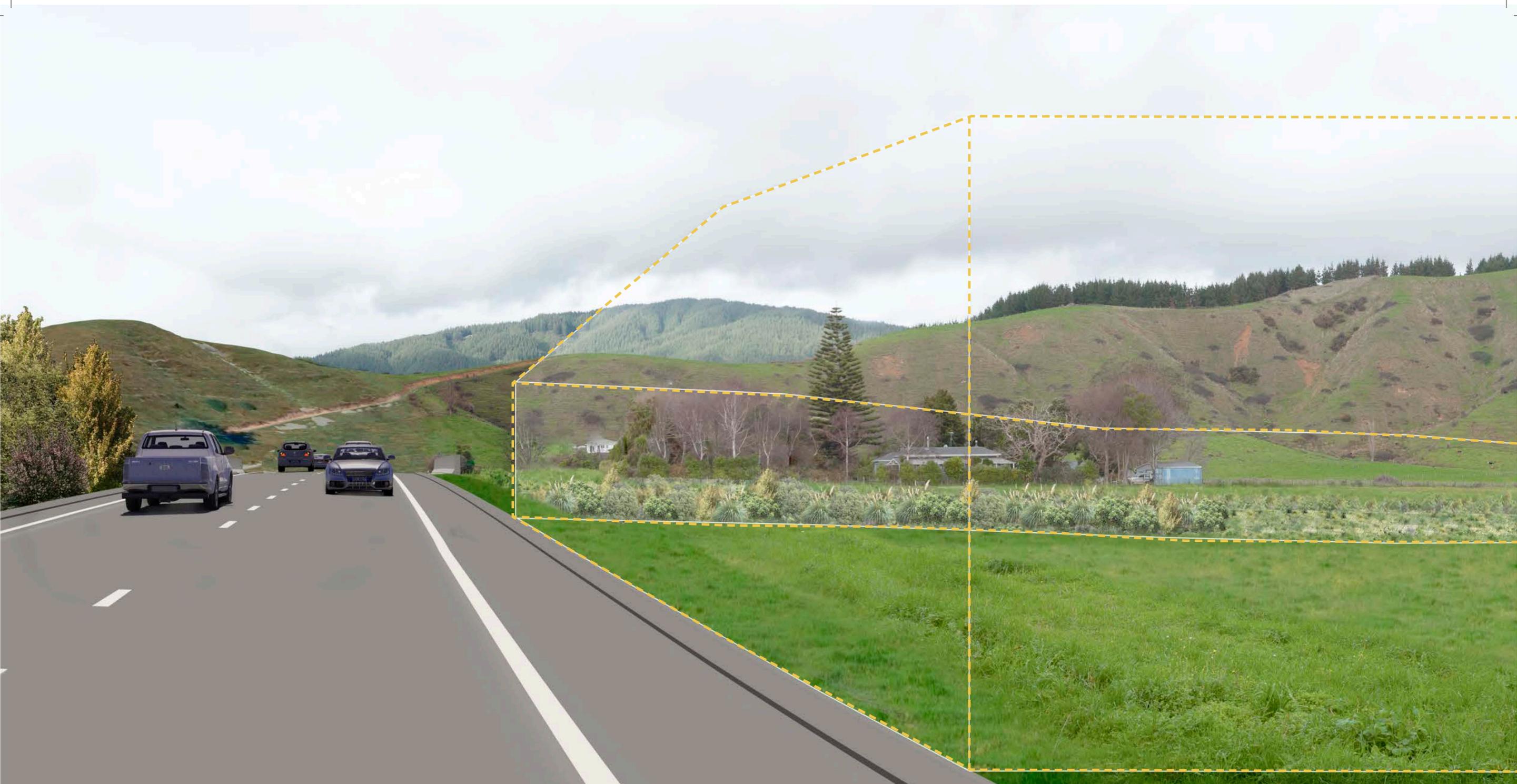


Original Photo AE | 50mm | DSLR Nikon D800 |
14:54pm 30 June 2022 | 1788142 E, 5491393 N (NZTM)
Reading distance for correct scale: 400mm | Viewpoint Elevation: 50m
Field of View Approximately 110° horizontal (across 2 x A3 pages)

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Viewpoint 10 - Proposed - With Planting

North Manakau Road (near #51) looking east towards Ō2NL and North Manakau Road overbridge.





Original Photo AE | 50mm | DSLR Nikon D800 |
 14:54pm 30 June 2022 | 1788142 E, 5491393 N (NZTM)
 Reading distance for correct scale: 400mm | Viewpoint Elevation: 50m
 Field of View Approximately 110° horizontal (across 2 x A3 pages)



Dotted line shows approximate area of Re-established Tall Forest planting and height at 5years. Actual planting not shown, as it would screen the highway from this viewpoint.

Note: Photosimulations do not show detailed design features such as road markings, vehicle barriers, reflector markers, traffic signs or pole lighting (noting lighting is only proposed at the interchanges and roundabouts) and there are currently no gantries or overhead signs required for the project, including names and narratives.

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Planting shown represents conservative growth rates at approximately Year 5. Proposed taller planting in the foreground of this image (including for ecology or landscape and visual or natural character effects) has not been shown in the photosimulations. This is to ensure that the highway features and the rehabilitation planting on the earthworks footprint can be seen in the image. A photosimulation showing all the proposed planting would screen sections of, and/or the highway in its entirety from this viewpoint. Refer to the Planting Concept Plan for details of the planting proposed.



Viewpoint 11 - Existing

Manakau Heights Drive looking south-west toward highway, Pukehou in left background



Isthmus.



Original Photo Lisa Rimmer | 50mm | DSLR Nikon D800 |
17:23pm 17 March 2022 | 1787286 E, 5489123 N (NZTM)
Reading distance for correct scale: 400mm | Viewpoint Elevation: 39m
Field of View Approximately 110° horizontal (across 2 x A3 pages)



Viewpoint 11 - Proposed - No Planting

Manakau Heights Drive looking south-west toward highway, Pukehou in left background



Isthmus.

Ōtaki to North Levin | October 2022 - Photo Simulations Volume III



Original Photo Lisa Rimmer | 50mm | DSLR Nikon D800 |
17:23pm 17 March 2022 | 1787286 E, 5489123 N (NZTM)
Reading distance for correct scale: 400mm | Viewpoint Elevation: 39m
Field of View Approximately 110° horizontal (across 2 x A3 pages)

Note: Photosimulations do not show detailed design features such as road markings, vehicle barriers, reflector markers, traffic signs or pole lighting (noting lighting is only proposed at the interchanges and roundabouts) and there are currently no gantries or overhead signs required for the project, including names and narratives.

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Fencing to the edge of the highway is not shown, TBC.



Viewpoint 11 - Proposed - With Planting

Manakau Heights Drive looking south-west toward highway, Pukehou in left background



Isthmus.

Ōtaki to North Levin | October 2022 - Photo Simulations Volume III



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Fencing to the edge of the highway is not shown, TBC.

Planting shown represents conservative growth rates at approximately Year 5.



Viewpoint 12 - Existing

South Manakau Road looking south-east to Ō2NL and bridges over South Manakau Road, Manakau Stream, and Waiauti Stream.



Isthmus.

Ōtaki to North Levin | October 2022 - Photo Simulations Volume III



Original Photo Lisa Rimmer | 50mm | DSLR Nikon D800 | March 2022 |
1786473 E, 5489001 N (NZTM)
Reading distance for correct scale: 400mm | Viewpoint Elevation: 41m
Field of View Approximately 110° horizontal (across 2 x A3 pages)



Viewpoint 12 - Proposed - No Planting

South Manakau Road looking south-east to Ō2NL and bridges over South Manakau Road, Manakau Stream, and Waiauti Stream.



Isthmus.

Ōtaki to North Levin | October 2022 - Photo Simulations Volume III



Original Photo Lisa Rimmer | 50mm | DSLR Nikon D800 | March 2022 | 1786473 E, 5489001 N (NZTM)
 Reading distance for correct scale: 400mm | Viewpoint Elevation: 41m
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Viewpoint 12 - Proposed - With Planting

South Manakau Road looking south-east to Ō2NL and bridges over South Manakau Road, Manakau Stream, and Waiauti Stream.



Isthmus.

Ōtaki to North Levin | October 2022 - Photo Simulations Volume III



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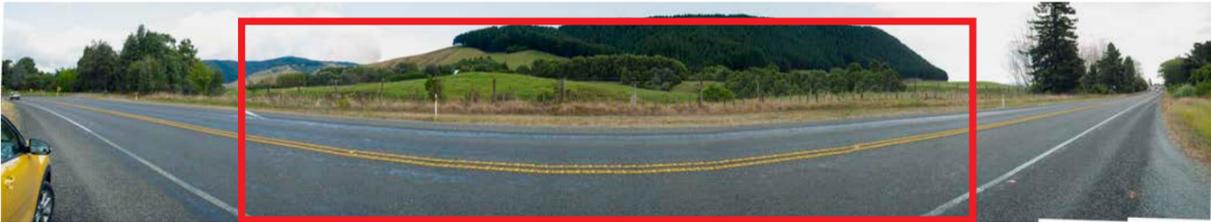
Fencing to the edge of the highway is not shown, TBC.

Planting shown represents conservative growth rates at approximately Year 5.

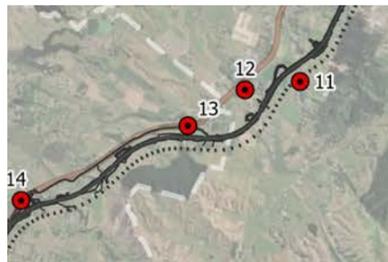


Viewpoint 13 - Existing

Existing SH1 (adjacent to #419) looking south-west towards Ō2NL. Pukehou in background.



Isthmus.



Original Photo Lisa Rimmer | 50mm | DSLR Nikon D800 | March 2022 |
1785629 E, 5488476 N (NZTM)
Reading distance for correct scale: 400mm | Viewpoint Elevation: 46m
Field of View Approximately 110° horizontal (across 2 x A3 pages)



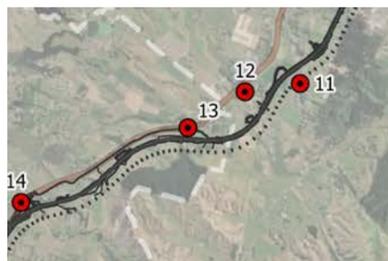
Viewpoint 13 - Proposed - No Planting

Existing SH1 (adjacent to #419) looking south-west towards Ō2NL. Pukehou in background.



Isthmus.

Ōtaki to North Levin | October 2022 - Photo Simulations Volume III



Original Photo Lisa Rimmer | 50mm | DSLR Nikon D800 | March 2022 |
 1785629 E, 5488476 N (NZTM)
 Reading distance for correct scale: 400mm | Viewpoint Elevation: 46m
 Field of View Approximately 110° horizontal (across 2 x A3 pages)

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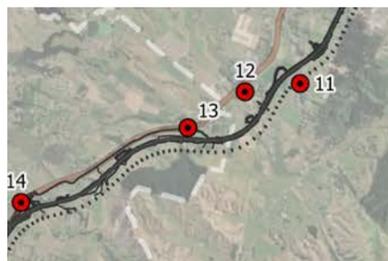
Viewpoint 13 - Proposed - With Planting

Existing SH1 (adjacent to #419) looking south-west towards Ō2NL. Pukehou in background.



Isthmus.

Ōtaki to North Levin | October 2022 - Photo Simulations Volume III



Original Photo Lisa Rimmer | 50mm | DSLR Nikon D800 | March 2022 | 1785629 E, 5488476 N (NZTM)
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Fencing to the edge of the highway is not shown, TBC.

Planting shown represents conservative growth rates at approximately Year 5.



Viewpoint 14 - Existing

Existing SH1 (adjacent to 141) looking south-east to roundabout and southern tie-in.





Original Photo AE | 50mm | DSLR Nikon D800 | 15:53pm 30 June 2022 |
1783166 E, 5483166 N (NZTM)
Reading distance for correct scale: 400mm | Viewpoint Elevation: 33m
Field of View Approximately 110° horizontal (across 2 x A3 pages)



Viewpoint 14 - Proposed - No Planting

Existing SH1 (adjacent to 141) looking south-east to roundbout and southern tie-in.





Original Photo AE | 50mm | DSLR Nikon D800 | 15:53pm 30 June 2022 |
1783166 E, 5483166 N (NZTM)
Reading distance for correct scale: 400mm | Viewpoint Elevation: 33m
Field of View Approximately 110° horizontal (across 2 x A3 pages)

Note: Photosimulations do not show detailed design features such as road markings, vehicle barriers, reflector markers, traffic signs or pole lighting (noting lighting is only proposed at the interchanges and roundabouts) and there are currently no gantries or overhead signs required for the project, including names and narratives.

Mahi toi elements, including narratives to be integrated within design of structures or as standalone elements, have not been confirmed and are not shown on the photosimulations

Fencing to the edge of the highway is not shown, TBC.



Viewpoint 14 - Proposed - With Planting

Existing SH1 (adjacent to 141) looking south-east to roundbout and southern tie-in.





Original Photo AE | 50mm | DSLR Nikon D800 | 15:53pm 30 June 2022 | 1783166 E, 5483166 N (NZTM)
 Reading distance for correct scale: 400mm | Viewpoint Elevation: 33m
 Field of View Approximately 110° horizontal (across 2 x A3 pages)

 Dotted line shows approximate area of Re-established Tall Forest planting and height at 5years. Actual planting not shown, as it would screen the highway from this viewpoint.

Note: Photosimulations do not show detailed design features such as road markings, vehicle barriers, reflector markers, traffic signs or pole lighting (noting lighting is only proposed at the interchanges and roundabouts) and there are currently no gantries or overhead signs required for the project, including names and narratives.

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