

# APPENDIX

# E

## Flood Study Report

### Attachment C Design Conditions Flood Impact Maps

- ▶ Flood Duration Change 39% AEP: *Figures DE39DC1 to DE39DC37*
- ▶ Flood Duration Change 10% AEP: *Figures DE10DC1 to DE10DC37*



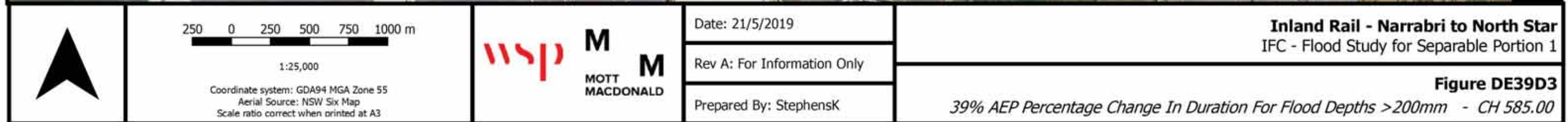


	<p>250 0 250 500 750 1000 m</p> <p>1:25,000</p> <p>Coordinate system: GDA94 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3</p>	<p><b>wsp</b> <b>M</b> <b>M</b></p> <p><b>MOTT</b> <b>MACDONALD</b></p>	<p>Date: 21/5/2019</p> <p>Rev A: For Information Only</p> <p>Prepared By: StephensK</p>	<p><b>Inland Rail - Narrabri to North Star</b> IFC - Flood Study for Separable Portion 1</p> <p><b>Figure DE39D1</b></p> <p><i>39% AEP Percentage Change In Duration For Flood Depths &gt;200mm - CH 575.00</i></p>
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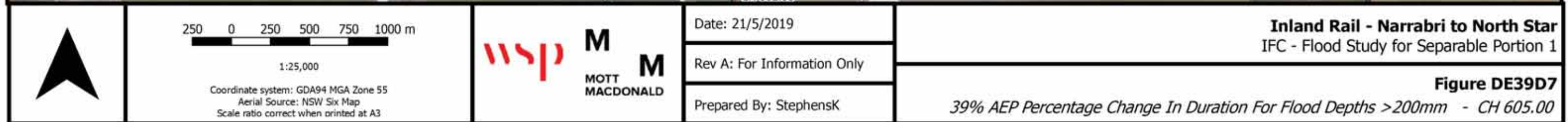




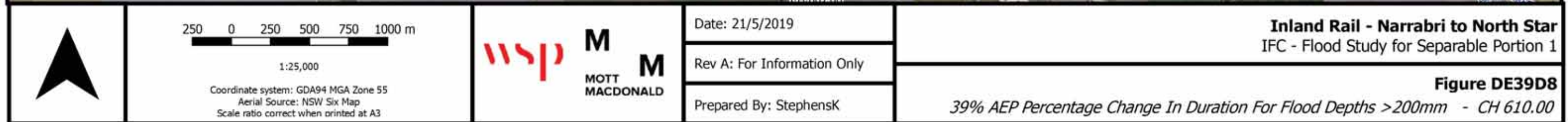






















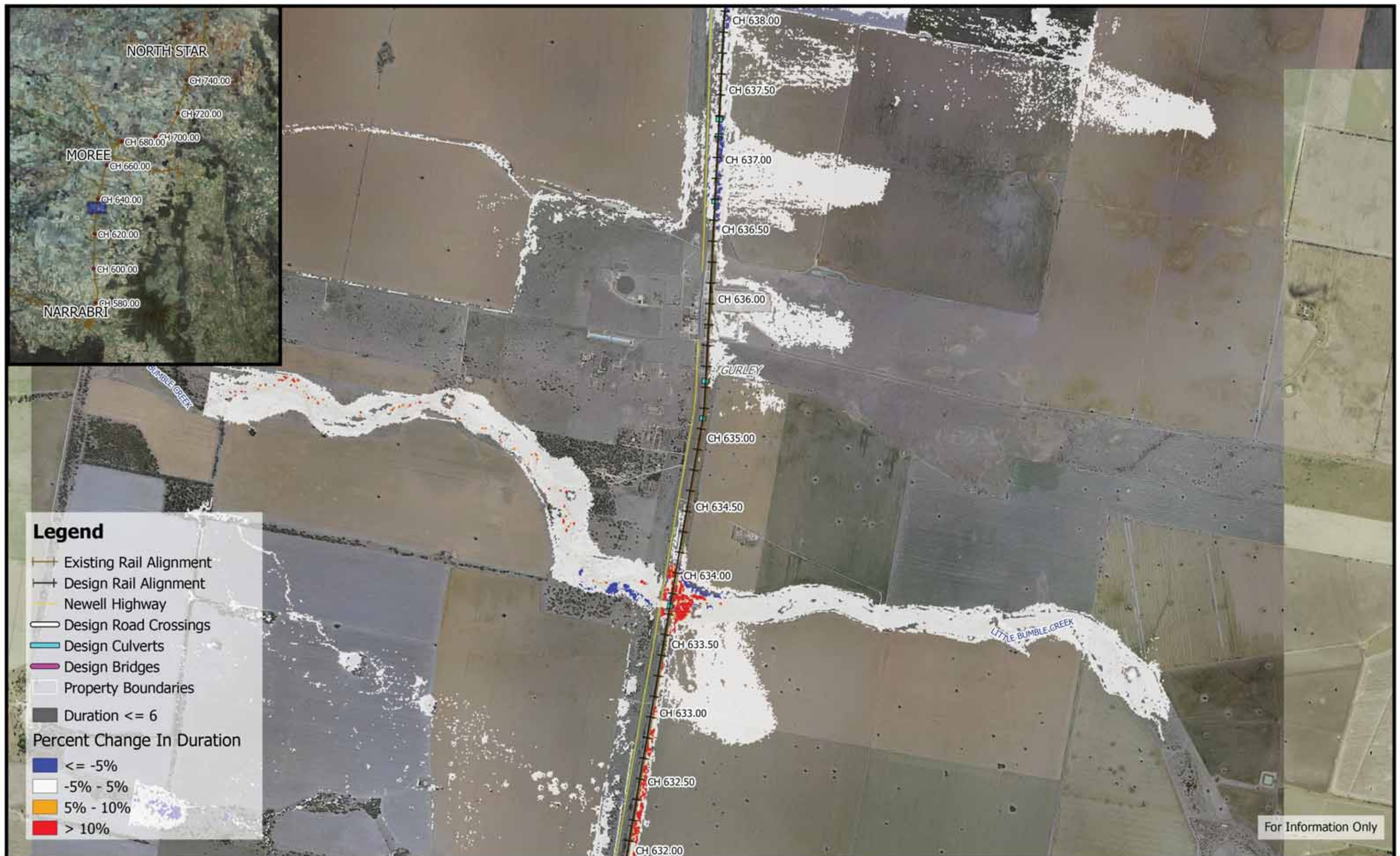




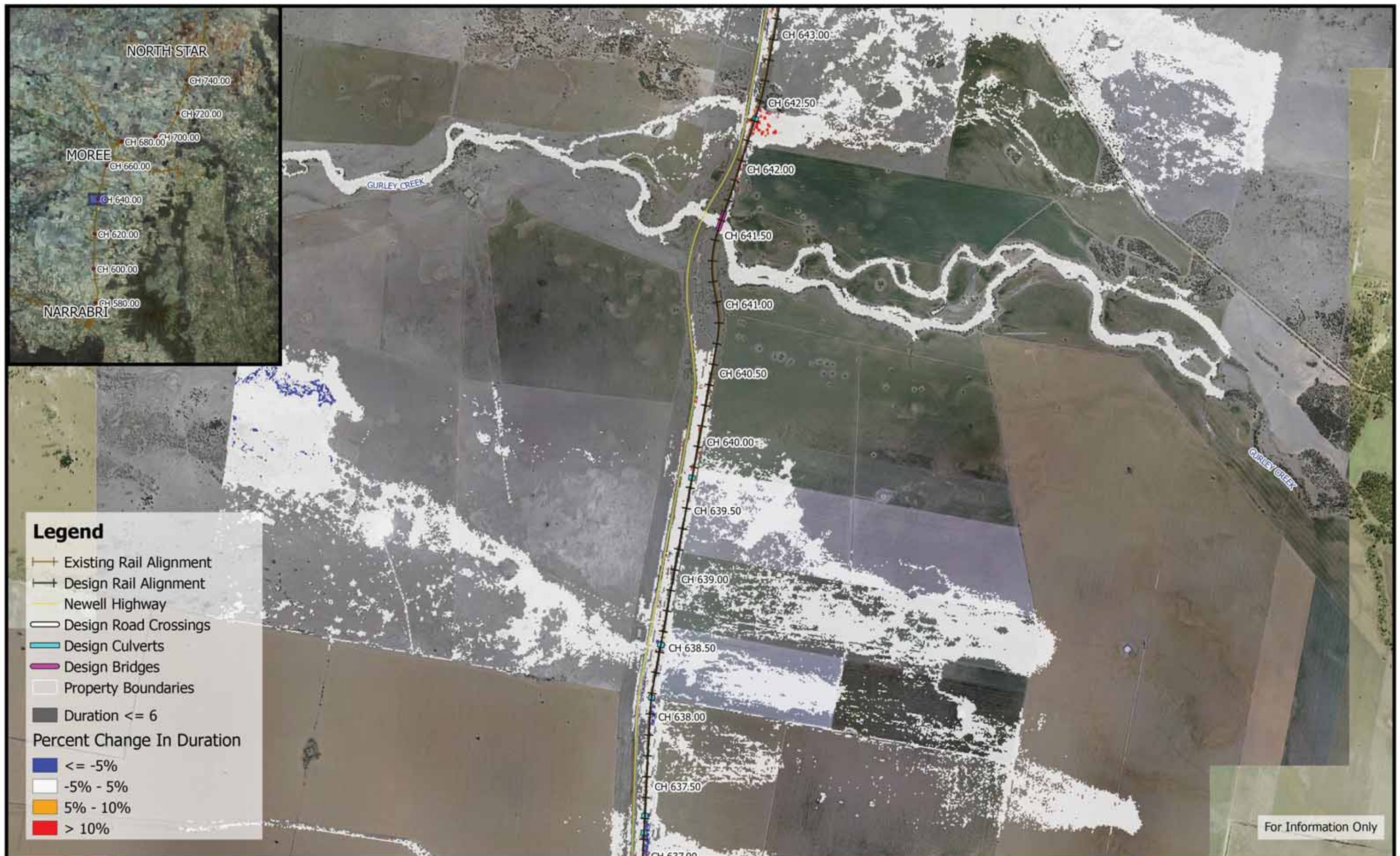


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	<p>250 0 250 500 750 1000 m</p> <p>1:25,000</p> <p>Coordinate system: GDA94 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3</p>	<p><b>wsp</b> <b>M</b> <b>M</b></p> <p><b>MOTT</b> <b>MACDONALD</b></p>	<p>Date: 21/5/2019</p> <p>Rev A: For Information Only</p> <p>Prepared By: StephensK</p>	<p><b>Inland Rail - Narrabri to North Star</b> IFC - Flood Study for Separable Portion 1</p> <p><b>Figure DE39D14</b></p> <p><i>39% AEP Percentage Change In Duration For Flood Depths &gt;200mm - CH 640.00</i></p>
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	<p>250 0 250 500 750 1000 m</p> <p>1:25,000</p> <p>Coordinate system: GDA94 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3</p>	<p><b>wsp</b> <b>M</b> <b>M</b></p> <p><b>MOTT</b> <b>MACDONALD</b></p>	<p>Date: 21/5/2019</p> <p>Rev A: For Information Only</p> <p>Prepared By: StephensK</p>	<p><b>Inland Rail - Narrabri to North Star</b> IFC - Flood Study for Separable Portion 1</p> <p><b>Figure DE39D15</b></p> <p><i>39% AEP Percentage Change In Duration For Flood Depths &gt;200mm - CH 645.00</i></p>
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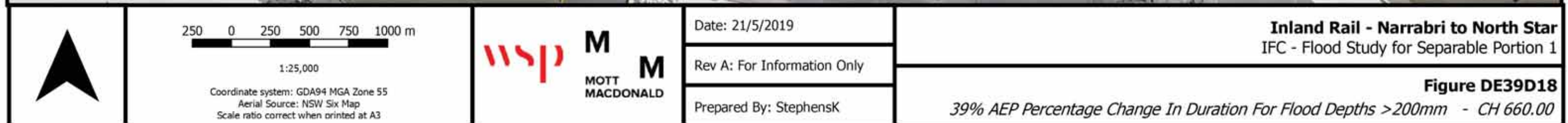




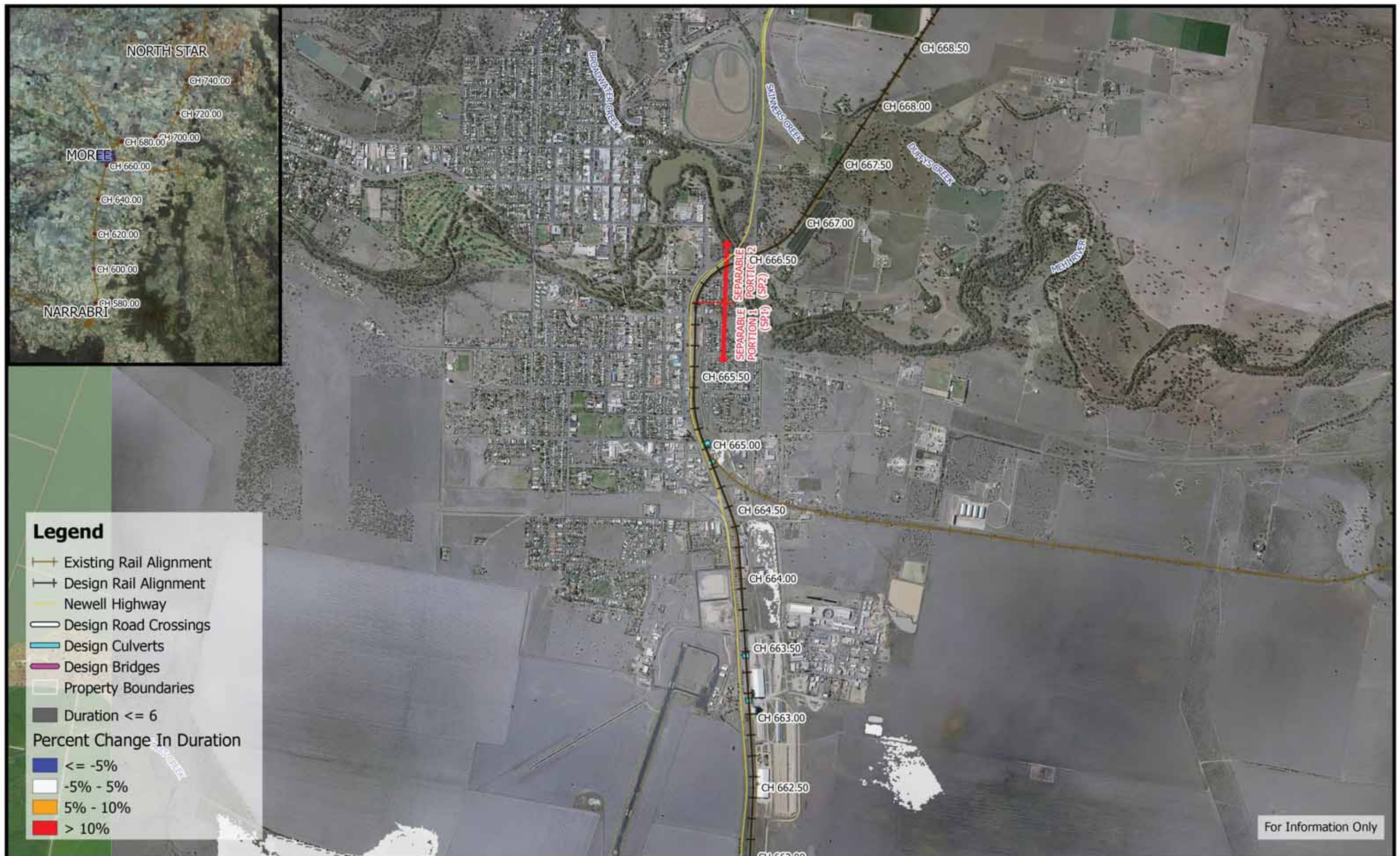




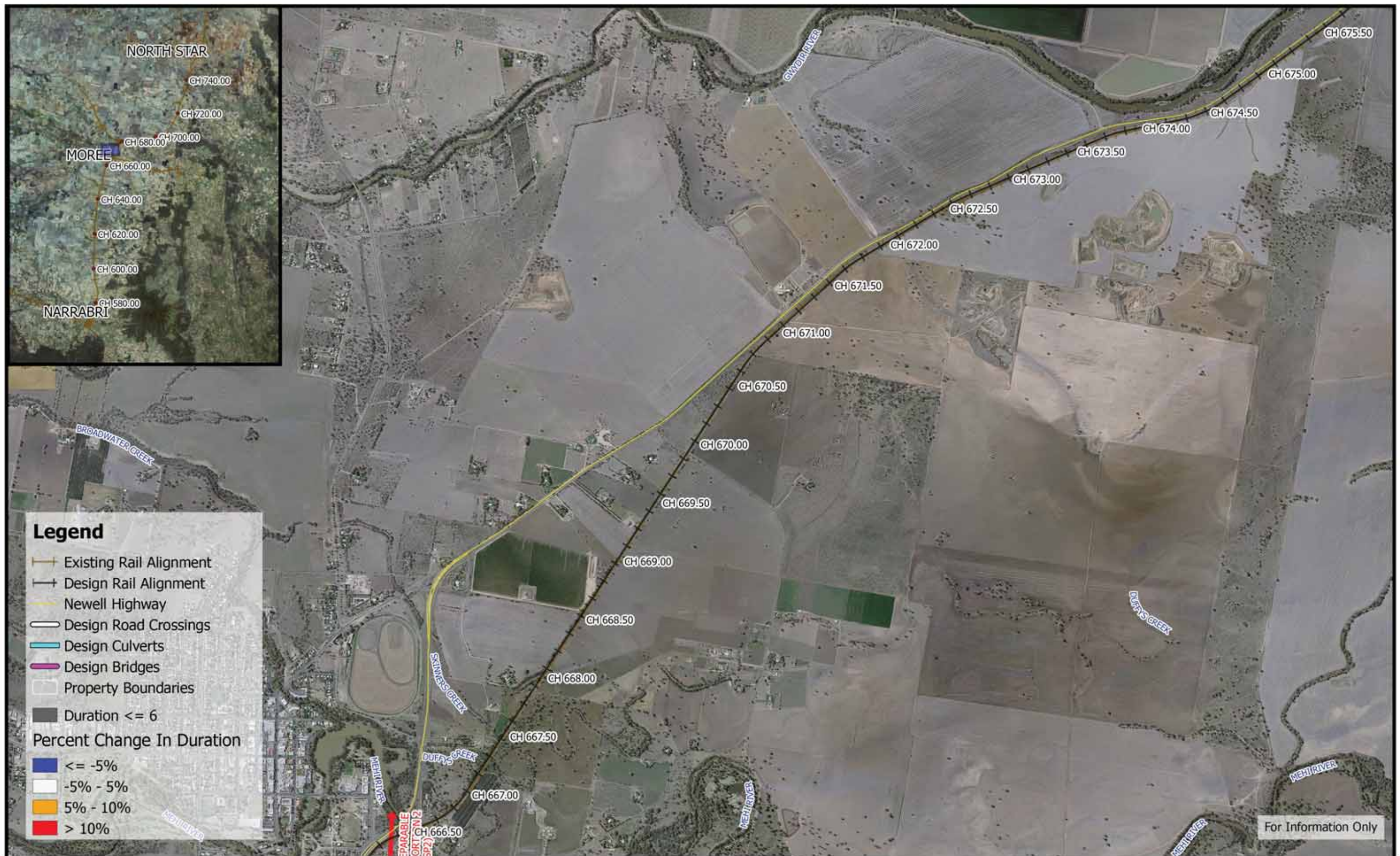












	<p>250 0 250 500 750 1000 m</p> <p>1:25,000</p> <p>Coordinate system: GDA94 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3</p>		<p>Date: 21/5/2019</p> <p>Rev A: For Information Only</p> <p>Prepared By: StephensK</p>	<p><b>Inland Rail - Narrabri to North Star</b> IFC - Flood Study for Separable Portion 1</p> <p><b>Figure DE39D20</b></p> <p>39% AEP Percentage Change In Duration For Flood Depths <math>&gt; 200\text{mm}</math> - CH 670.00</p>
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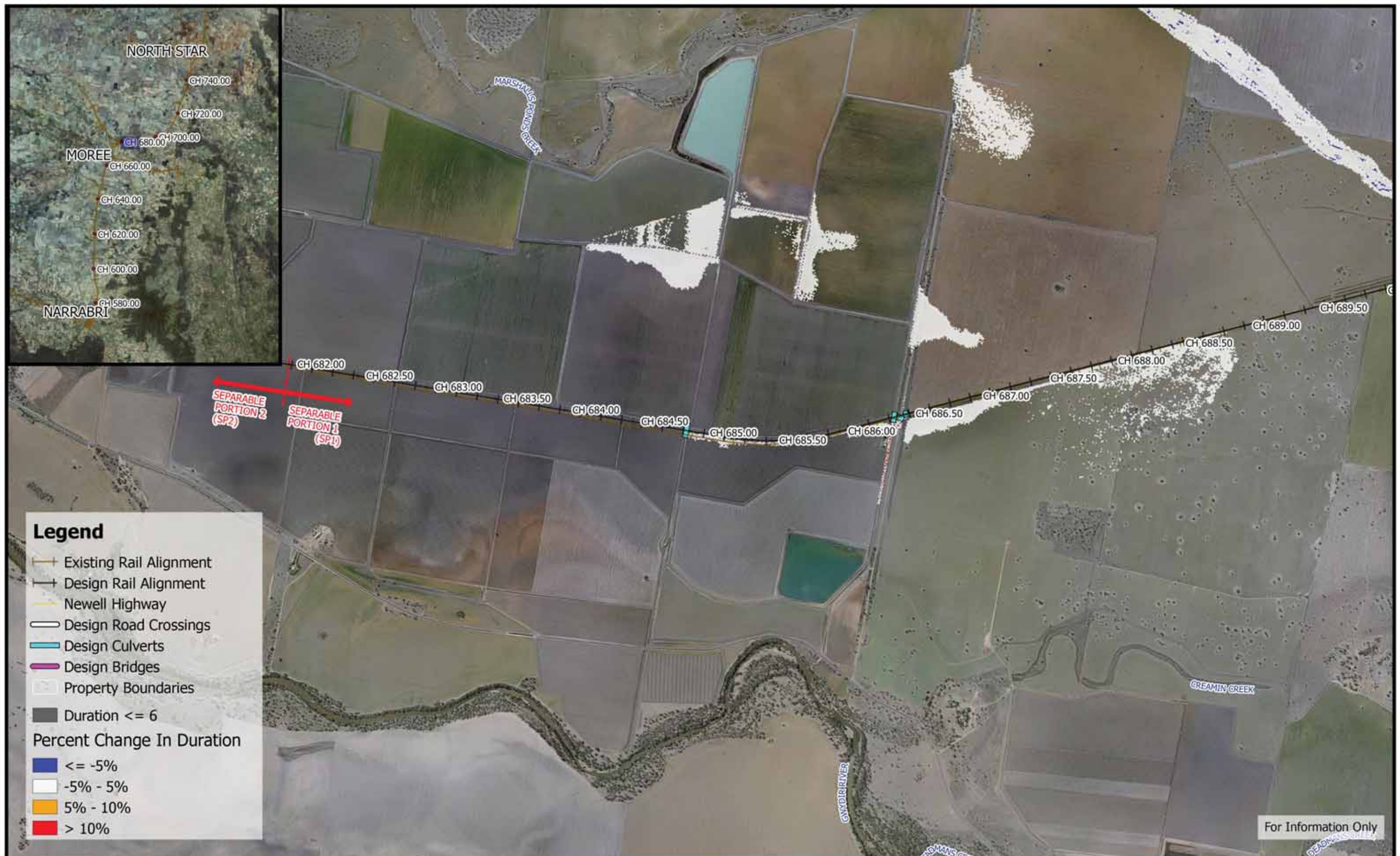






	<p>250 0 250 500 750 1000 m</p> <p>1:25,000</p> <p>Coordinate system: GDA94 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3</p>	<p><b>wsp</b> <b>M</b> <b>M</b></p> <p><b>MOTT</b> <b>MACDONALD</b></p>	<p>Date: 21/5/2019</p> <p>Rev A: For Information Only</p> <p>Prepared By: StephensK</p>	<p><b>Inland Rail - Narrabri to North Star</b> IFC - Flood Study for Separable Portion 1</p> <p><b>Figure DE39D22</b></p> <p><i>39% AEP Percentage Change In Duration For Flood Depths &gt; 200mm - CH 680.00</i></p>
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	<p>250 0 250 500 750 1000 m</p> <p>1:25,000</p> <p>Coordinate system: GDA94 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3</p>	<p><b>wsp</b> <b>M</b> <b>M</b></p> <p><b>MOTT MACDONALD</b></p>	<p>Date: 21/5/2019</p> <p>Rev A: For Information Only</p> <p>Prepared By: StephensK</p>	<p><b>Inland Rail - Narrabri to North Star</b> IFC - Flood Study for Separable Portion 1</p> <p><b>Figure DE39D24</b></p> <p>39% AEP Percentage Change In Duration For Flood Depths &gt; 200mm - CH 690.00</p>
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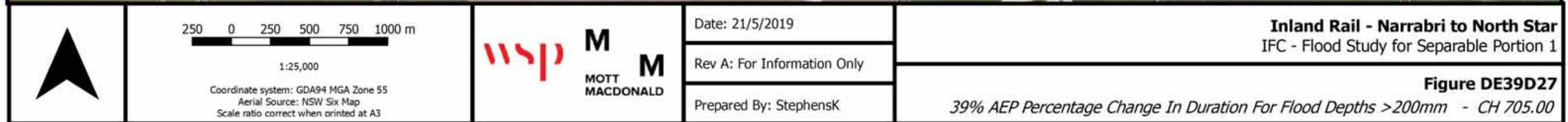
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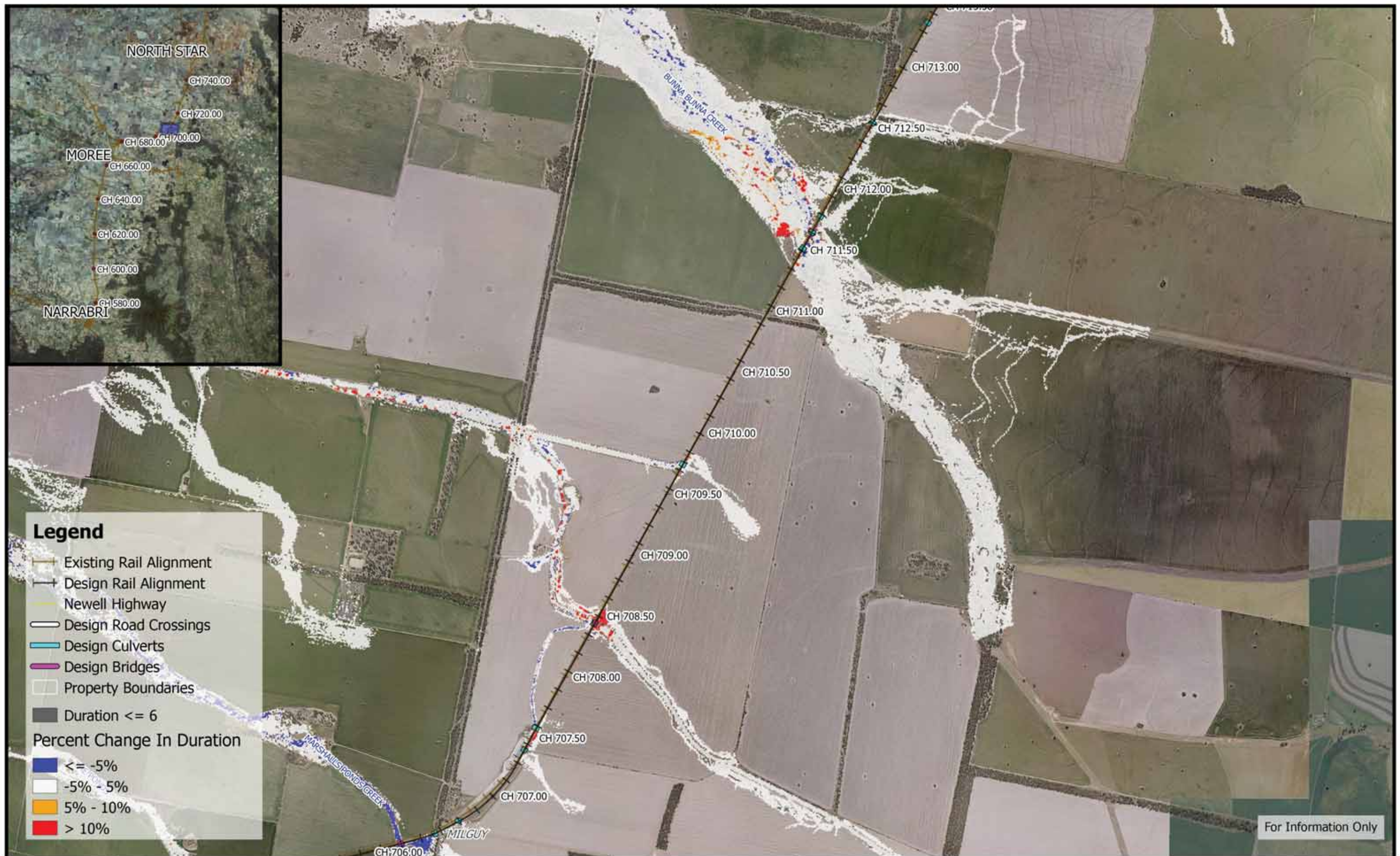


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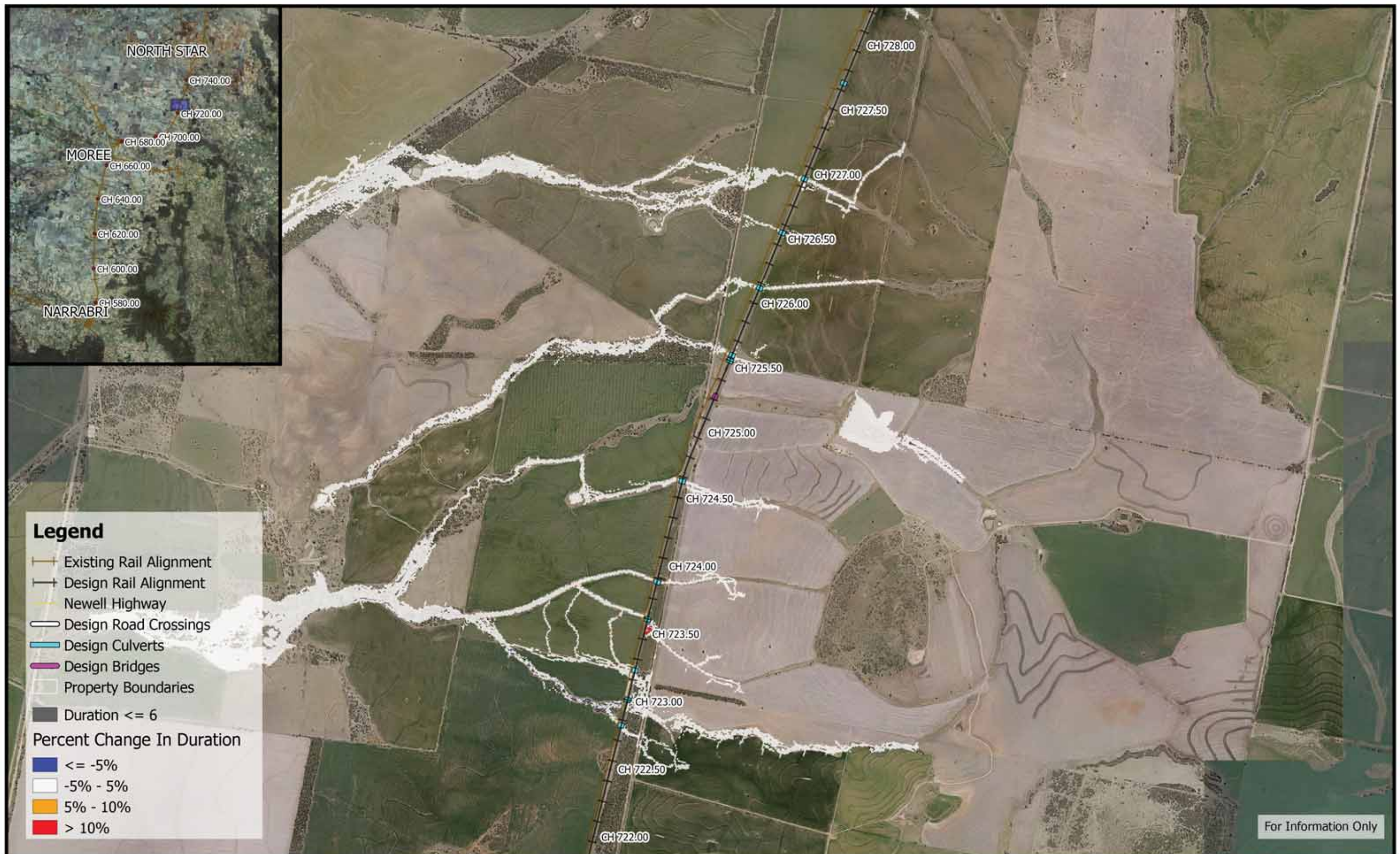
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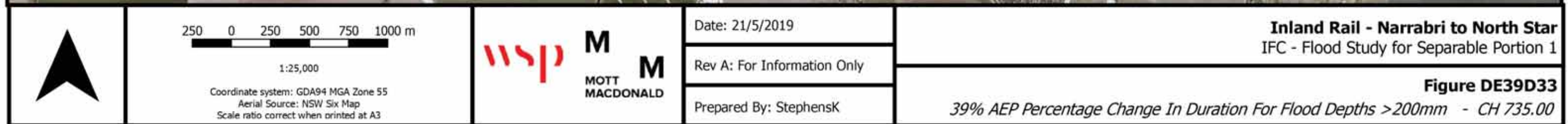
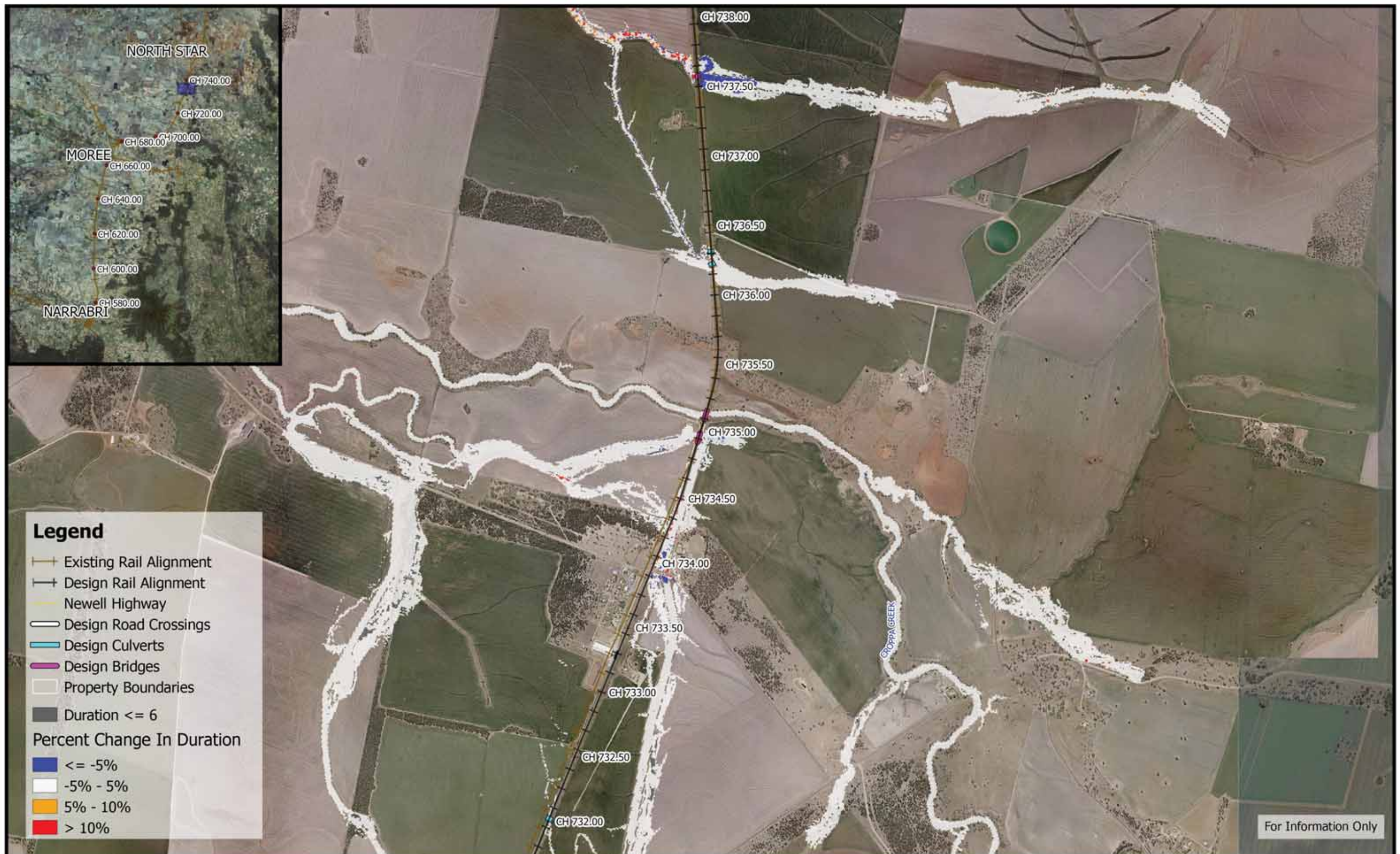
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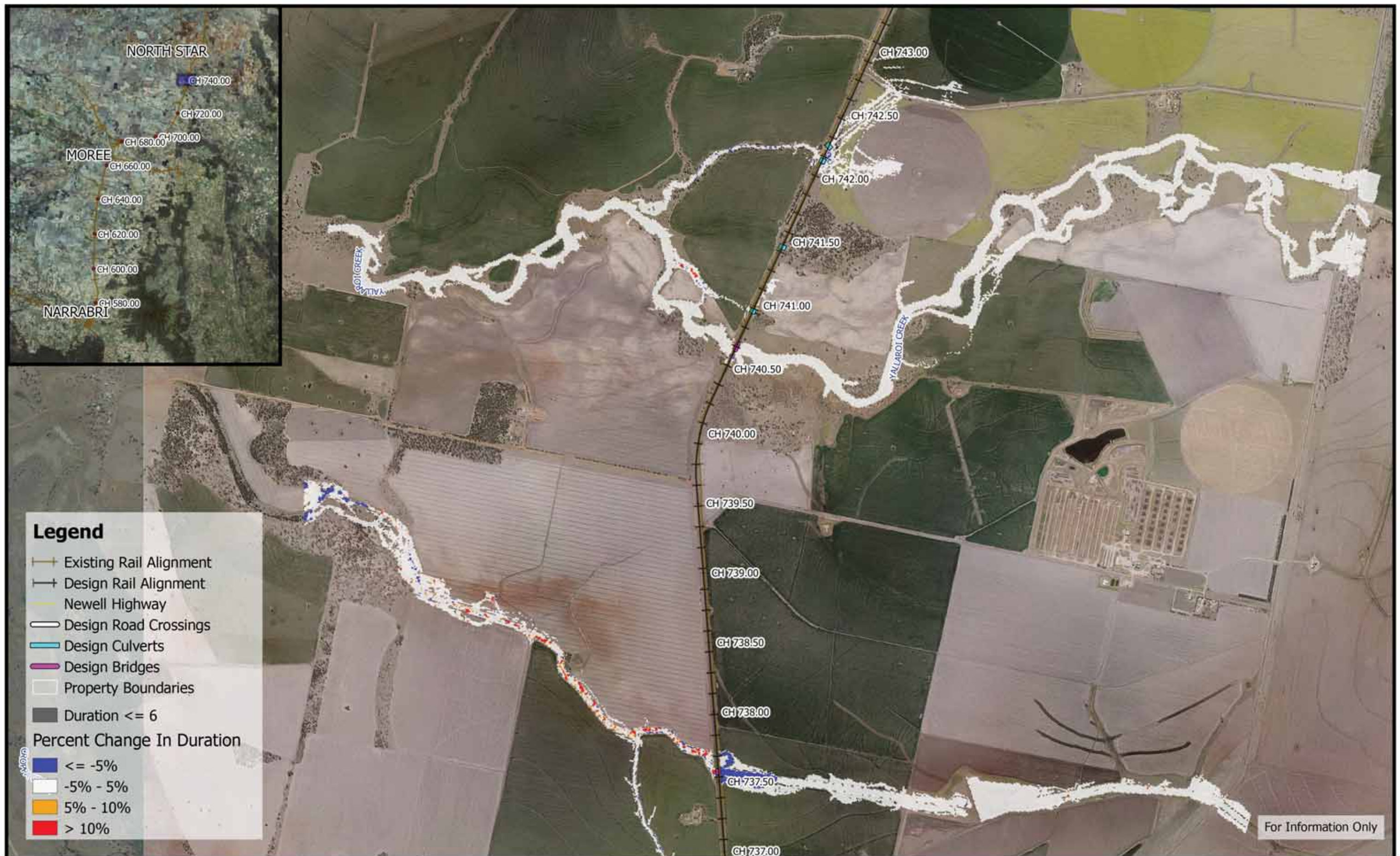


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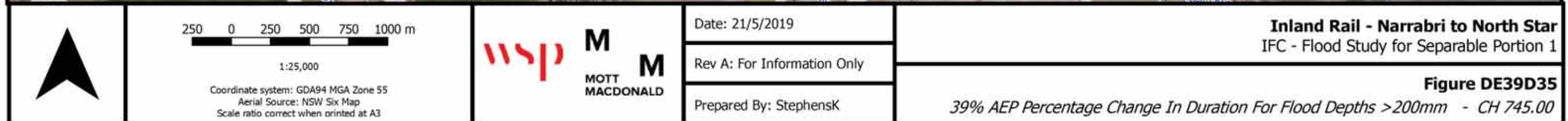




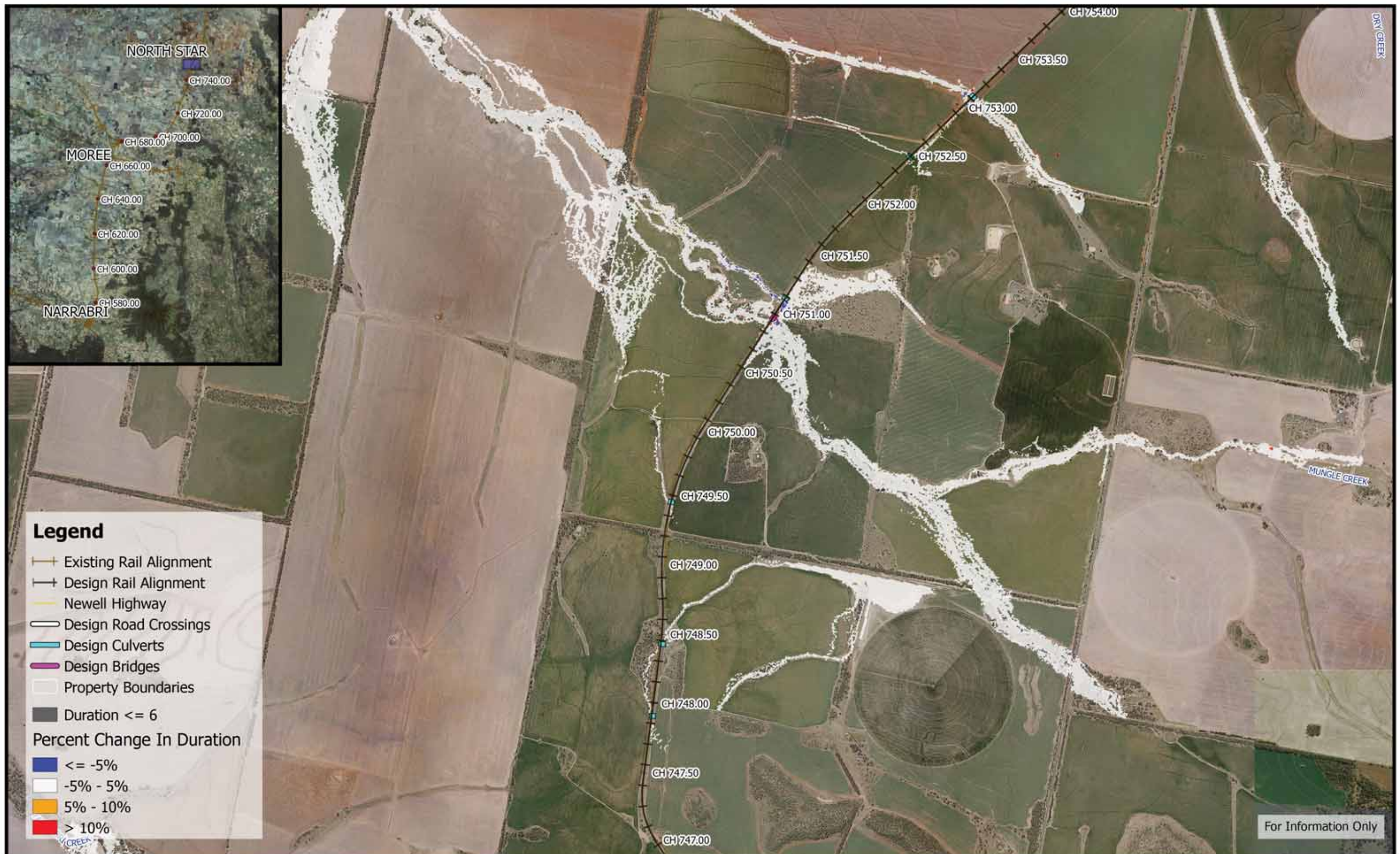












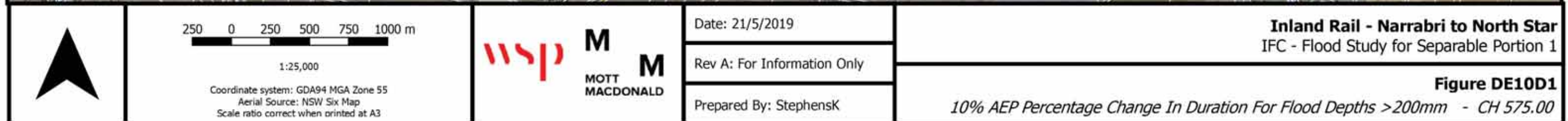
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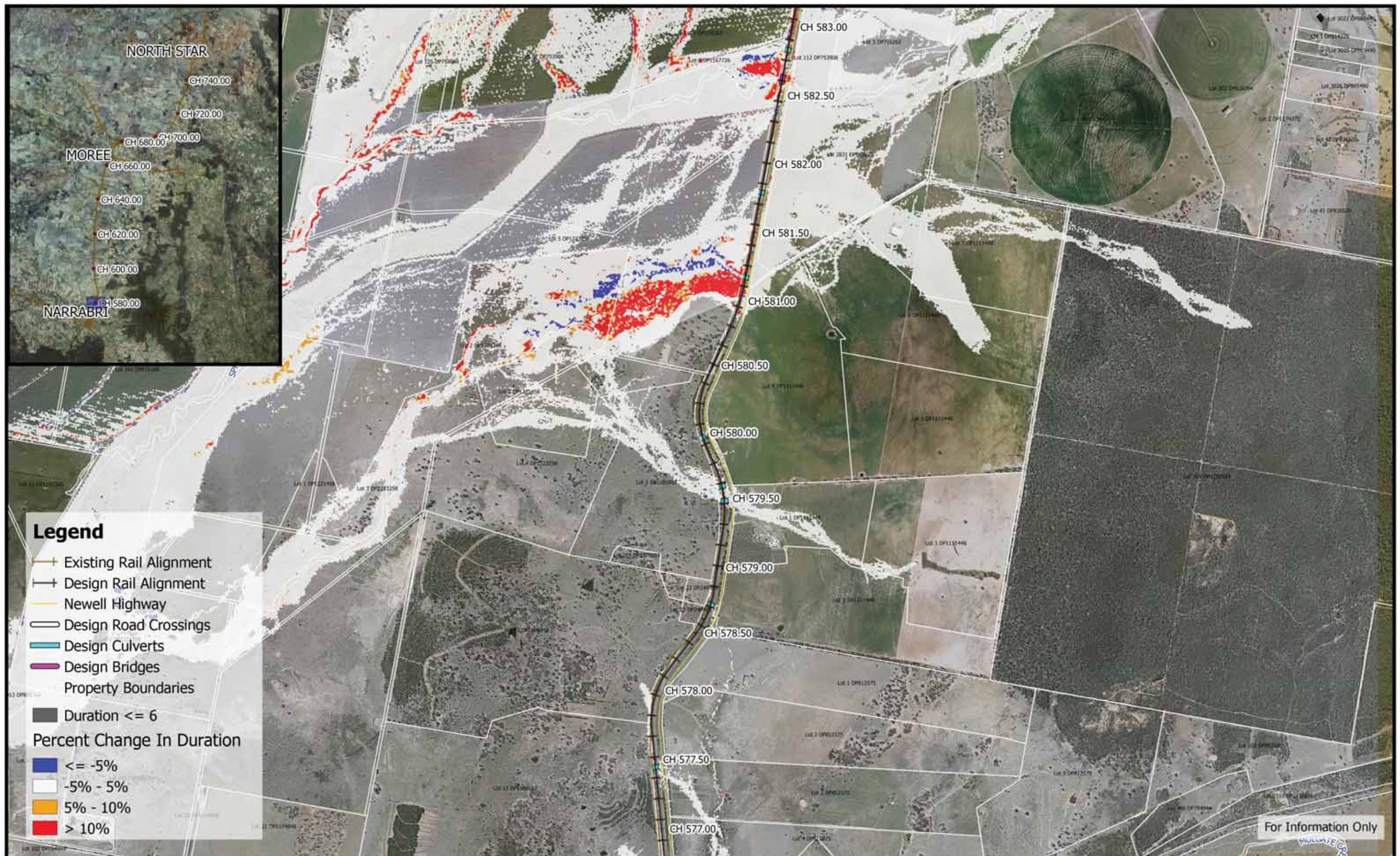


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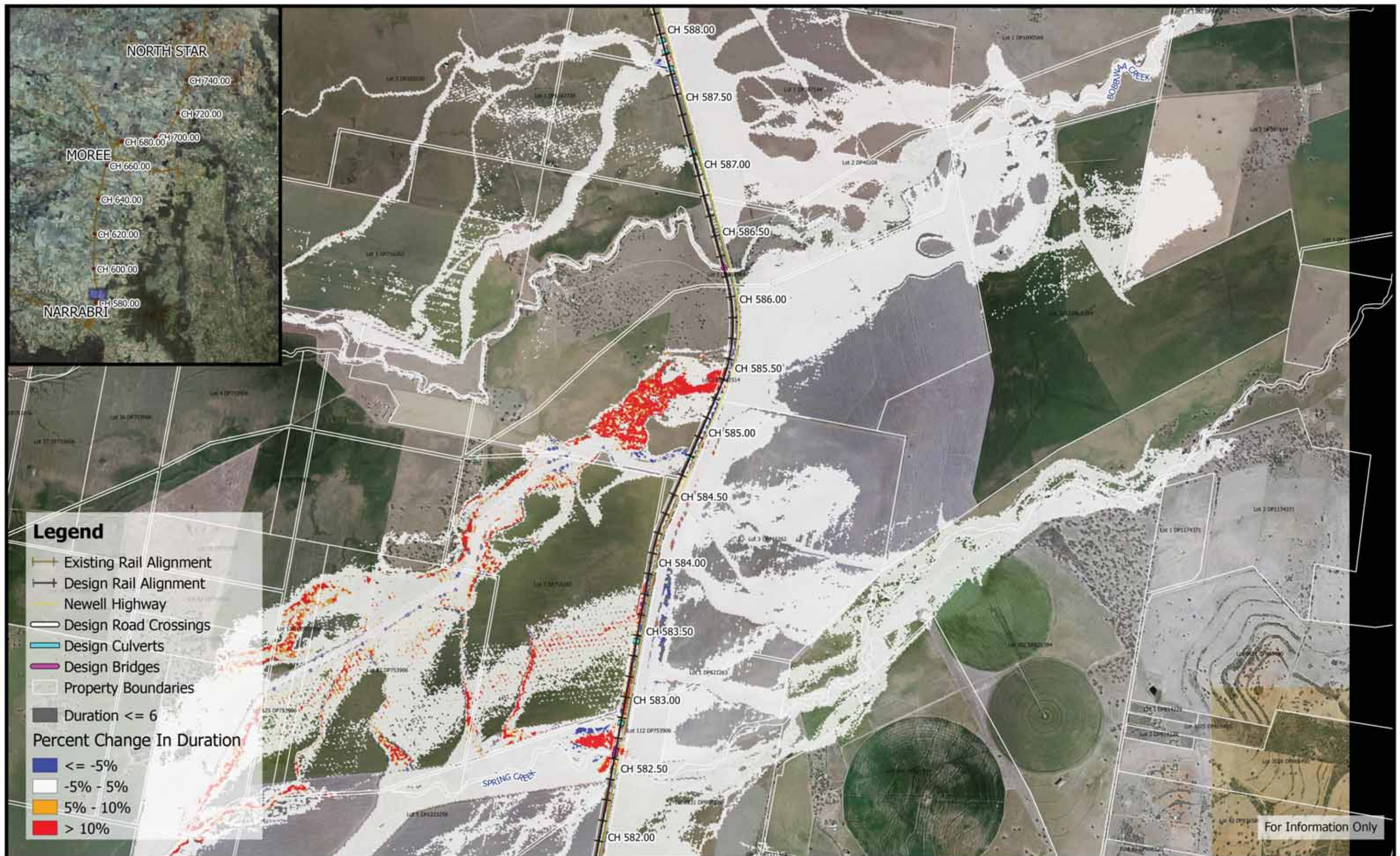




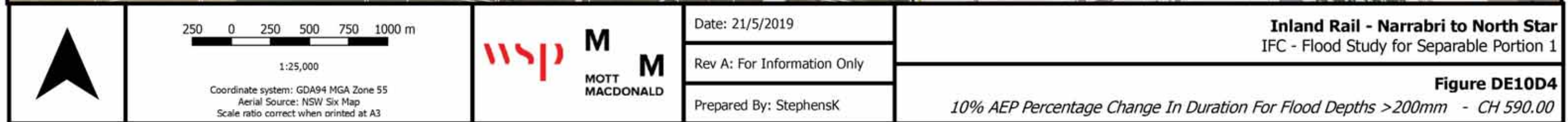








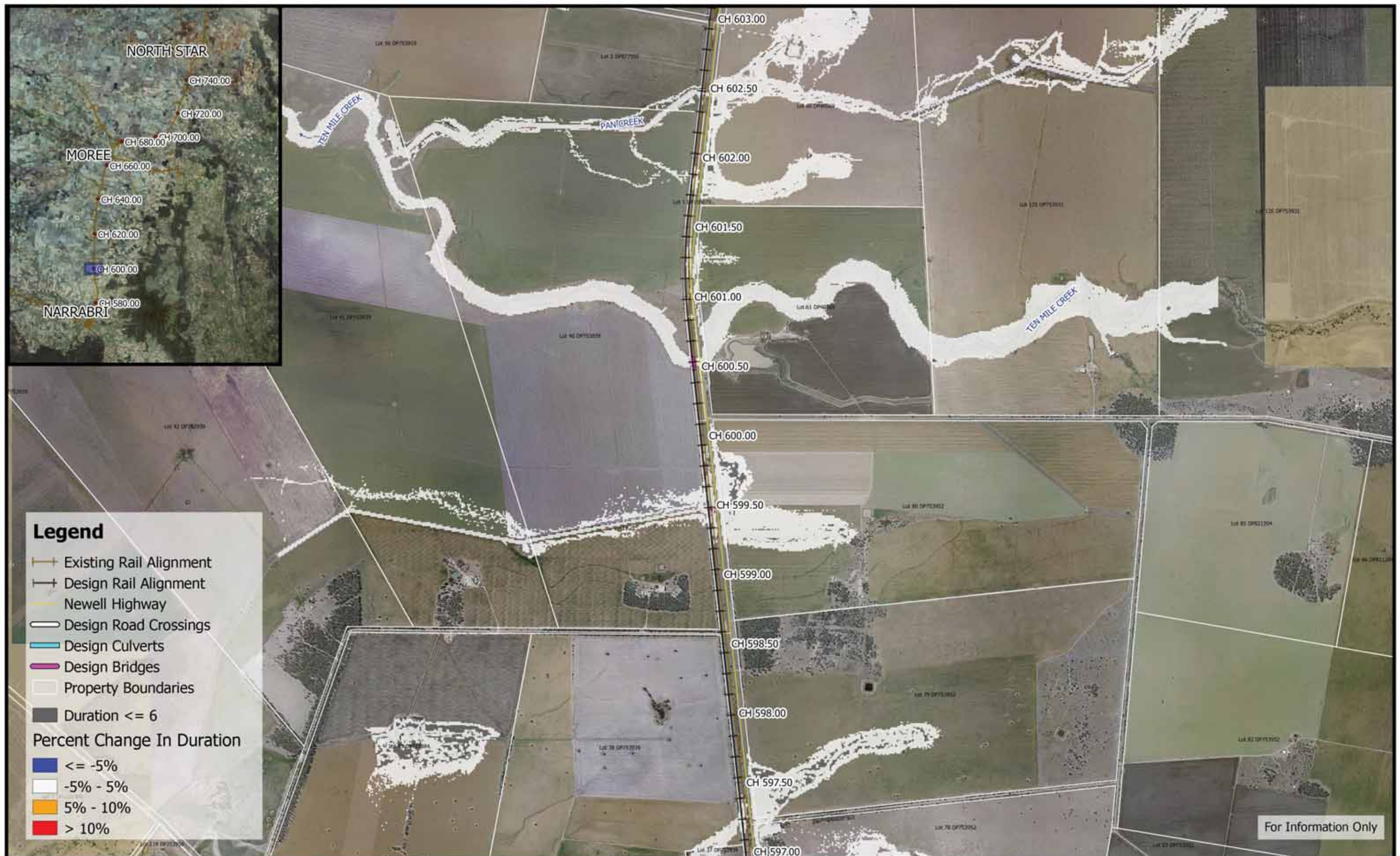
























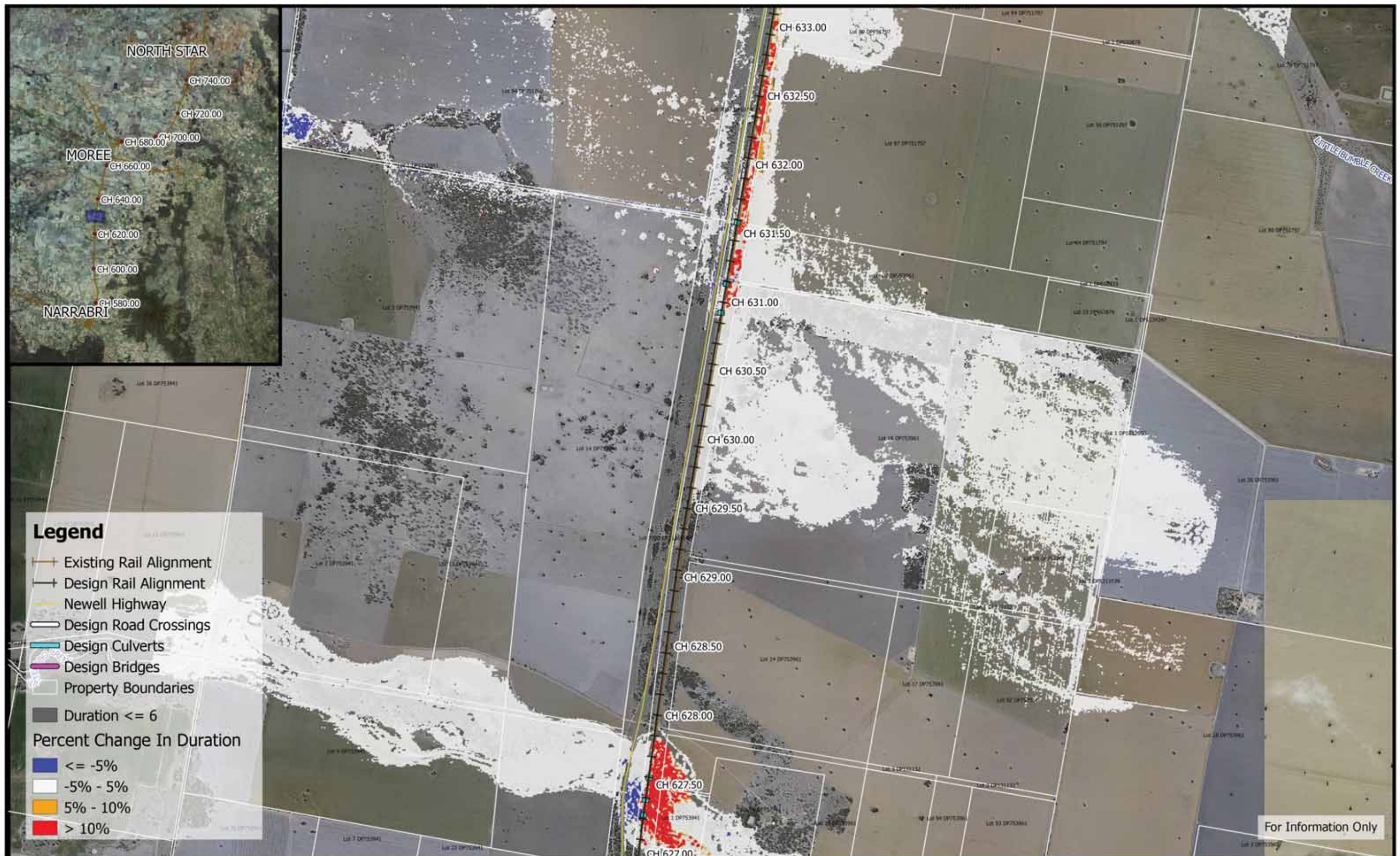




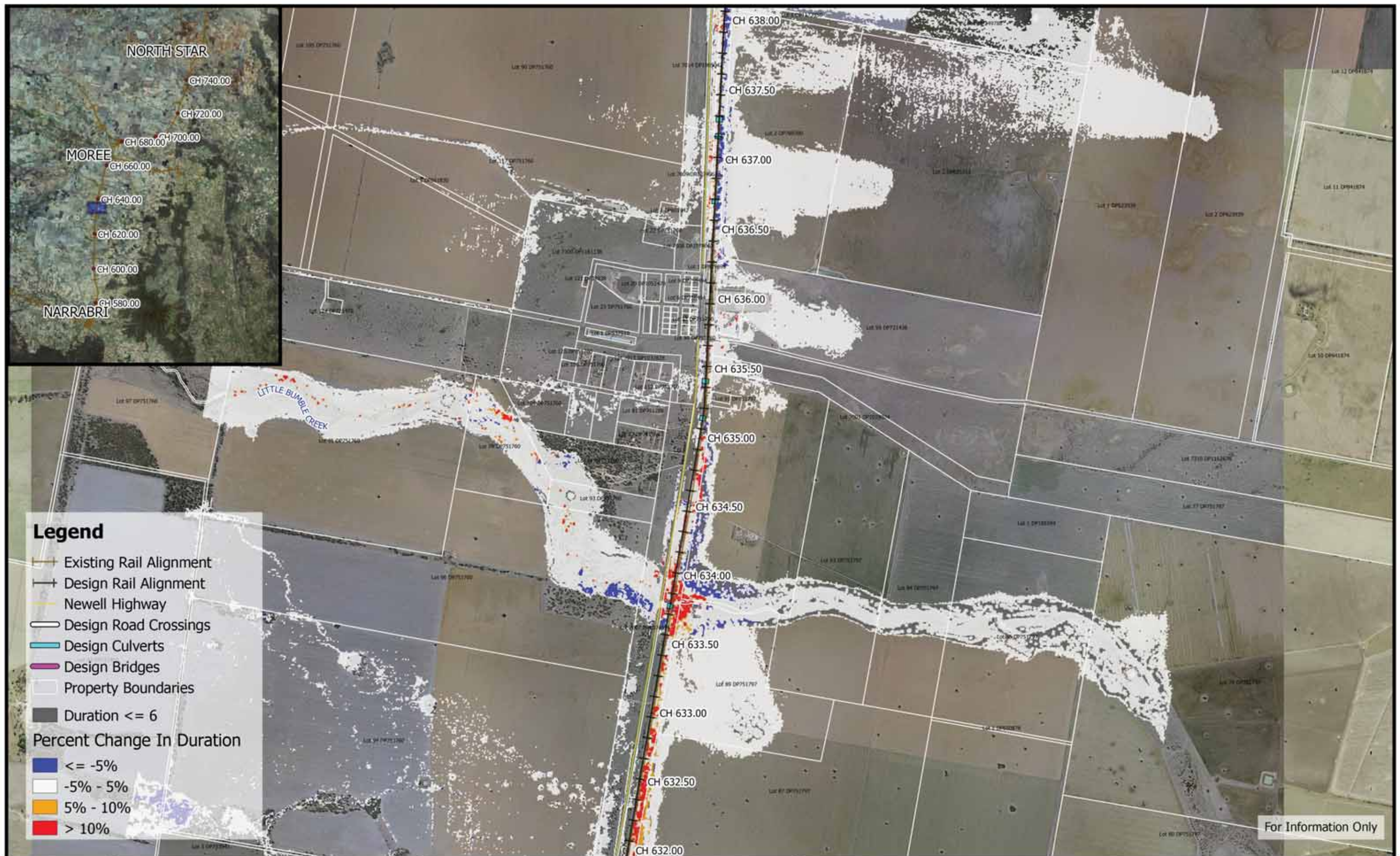








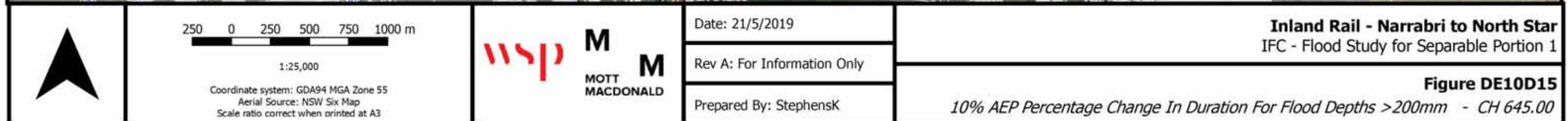




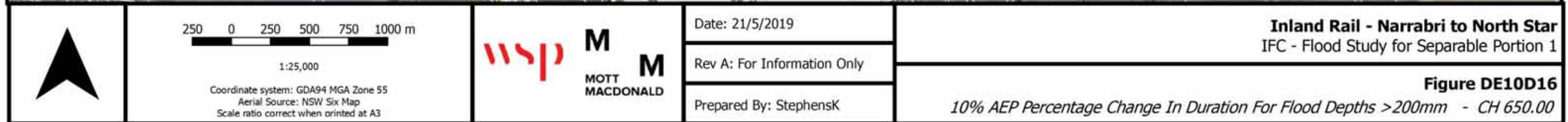
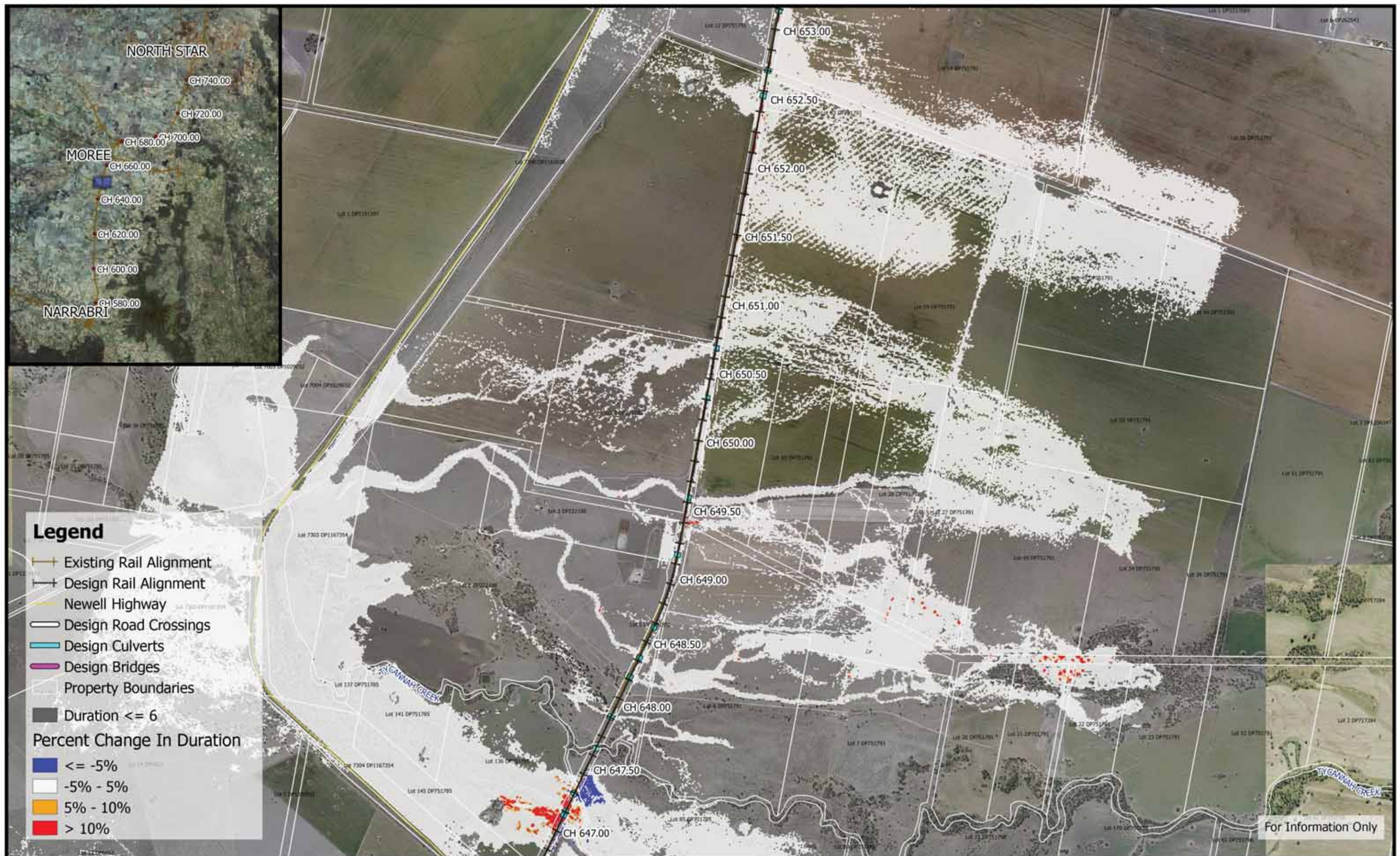




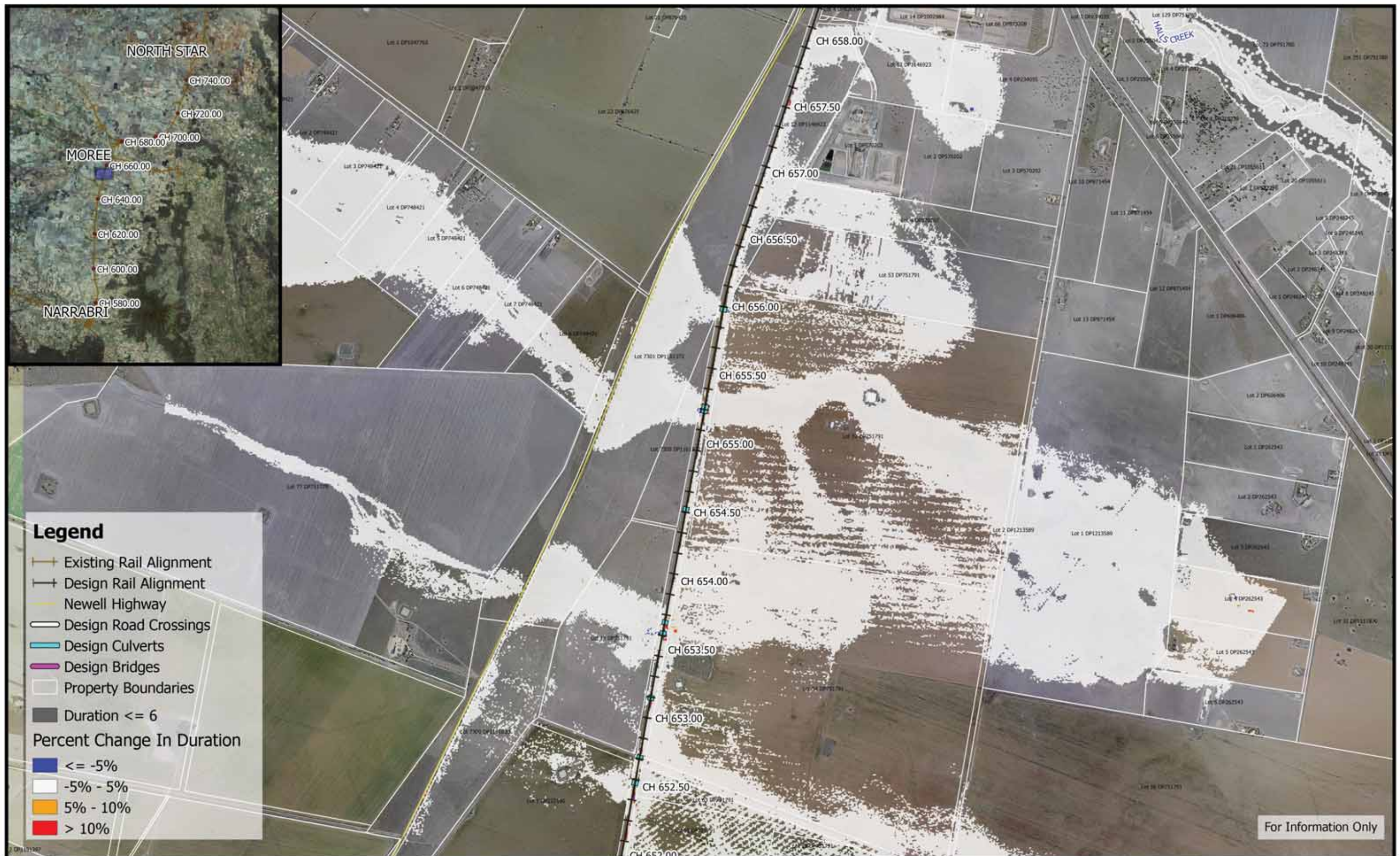












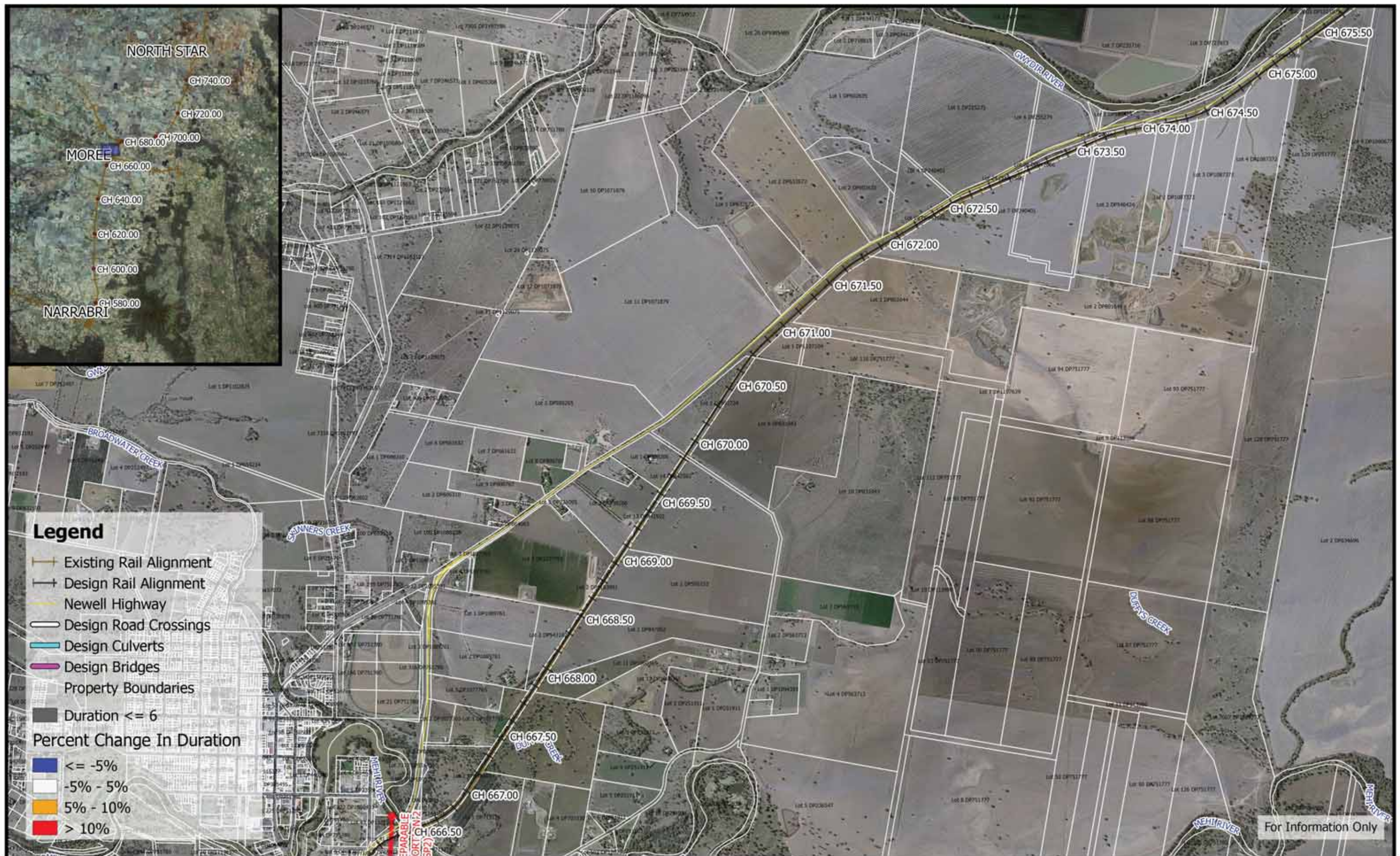








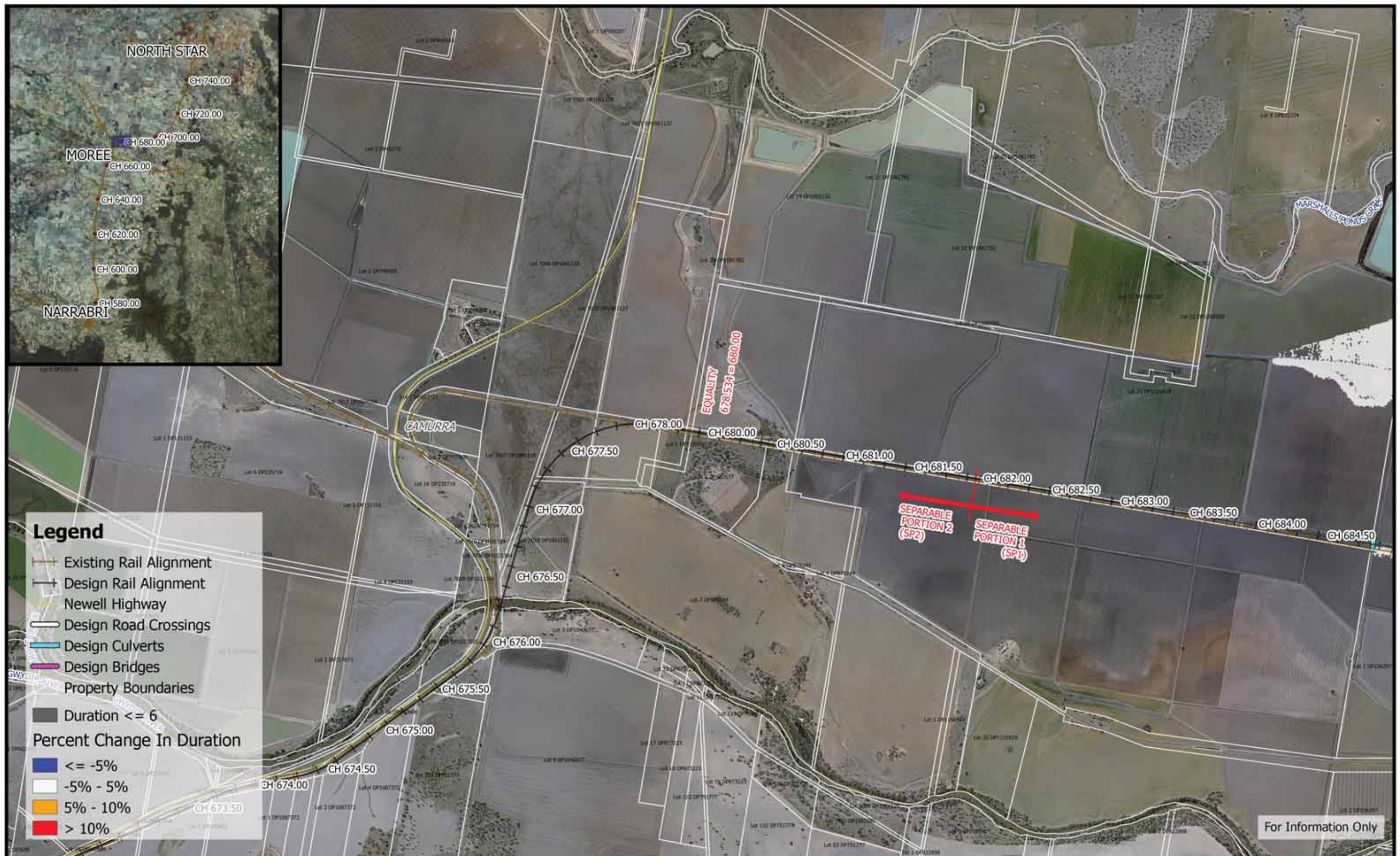
















	<p>250 0 250 500 750 1000 m</p> <p>1:25,000</p> <p>Coordinate system: GDA94 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3</p>		Date: 21/5/2019	<p><b>Inland Rail - Narrabri to North Star</b> IFC - Flood Study for Separable Portion 1</p> <p><b>Figure DE10D23</b></p> <p><i>10% AEP Percentage Change In Duration For Flood Depths &gt;200mm - CH 685.00</i></p>
			Rev A: For Information Only	
			Prepared By: StephensK	





	<p>250 0 250 500 750 1000 m</p> <p>1:25,000</p> <p>Coordinate system: GDA94 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3</p>		<p>Date: 21/5/2019</p> <p>Rev A: For Information Only</p> <p>Prepared By: StephensK</p>	<p><b>Inland Rail - Narrabri to North Star</b> IFC - Flood Study for Separable Portion 1</p> <p><b>Figure DE10D24</b> <i>10% AEP Percentage Change In Duration For Flood Depths &gt;200mm - CH 690.00</i></p>
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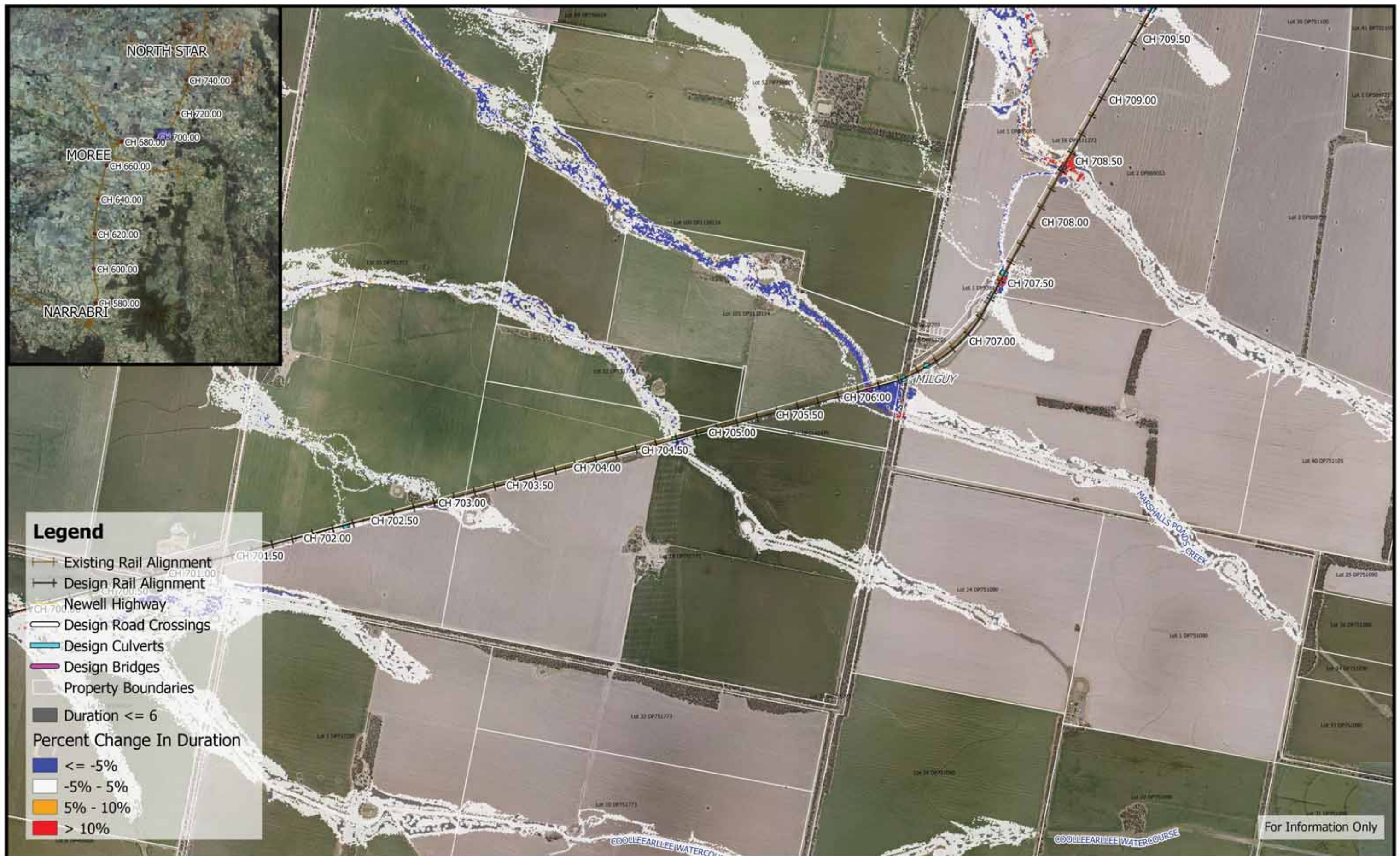
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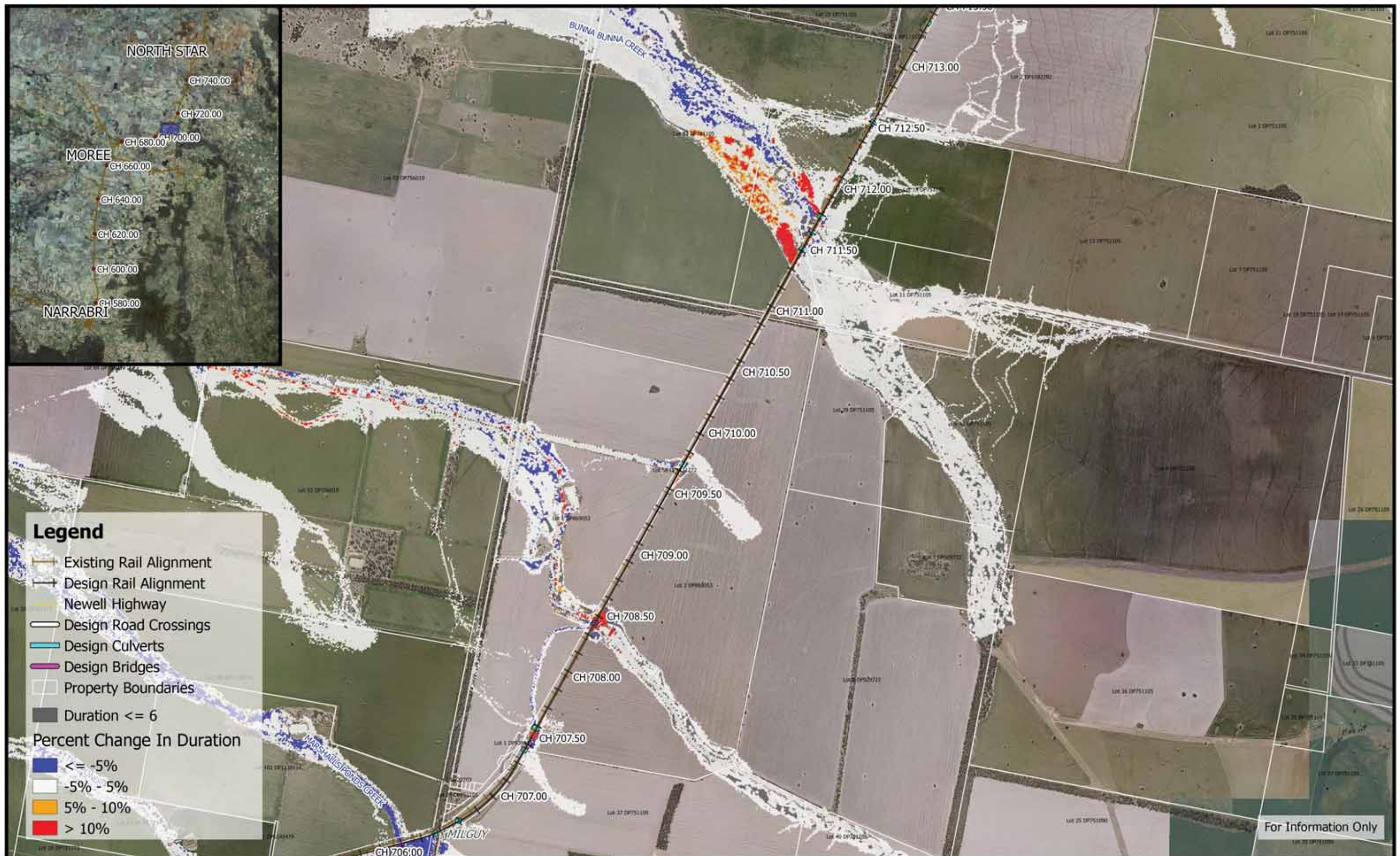
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	<p>250 0 250 500 750 1000 m</p> <p>1:25,000</p> <p>Coordinate system: GDA94 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3</p>	<p><b>wsp</b> <b>M</b> <b>M</b></p> <p><b>MOTT</b> <b>MACDONALD</b></p>	<p>Date: 21/5/2019</p> <p>Rev A: For Information Only</p> <p>Prepared By: StephensK</p>	<p><b>Inland Rail - Narrabri to North Star</b> <b>IFC - Flood Study for Separable Portion 1</b></p> <p><b>Figure DE10D27</b></p> <p><i>10% AEP Percentage Change In Duration For Flood Depths &gt;200mm - CH 705.00</i></p>
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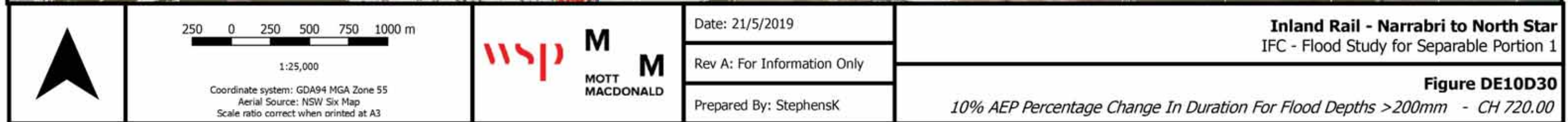




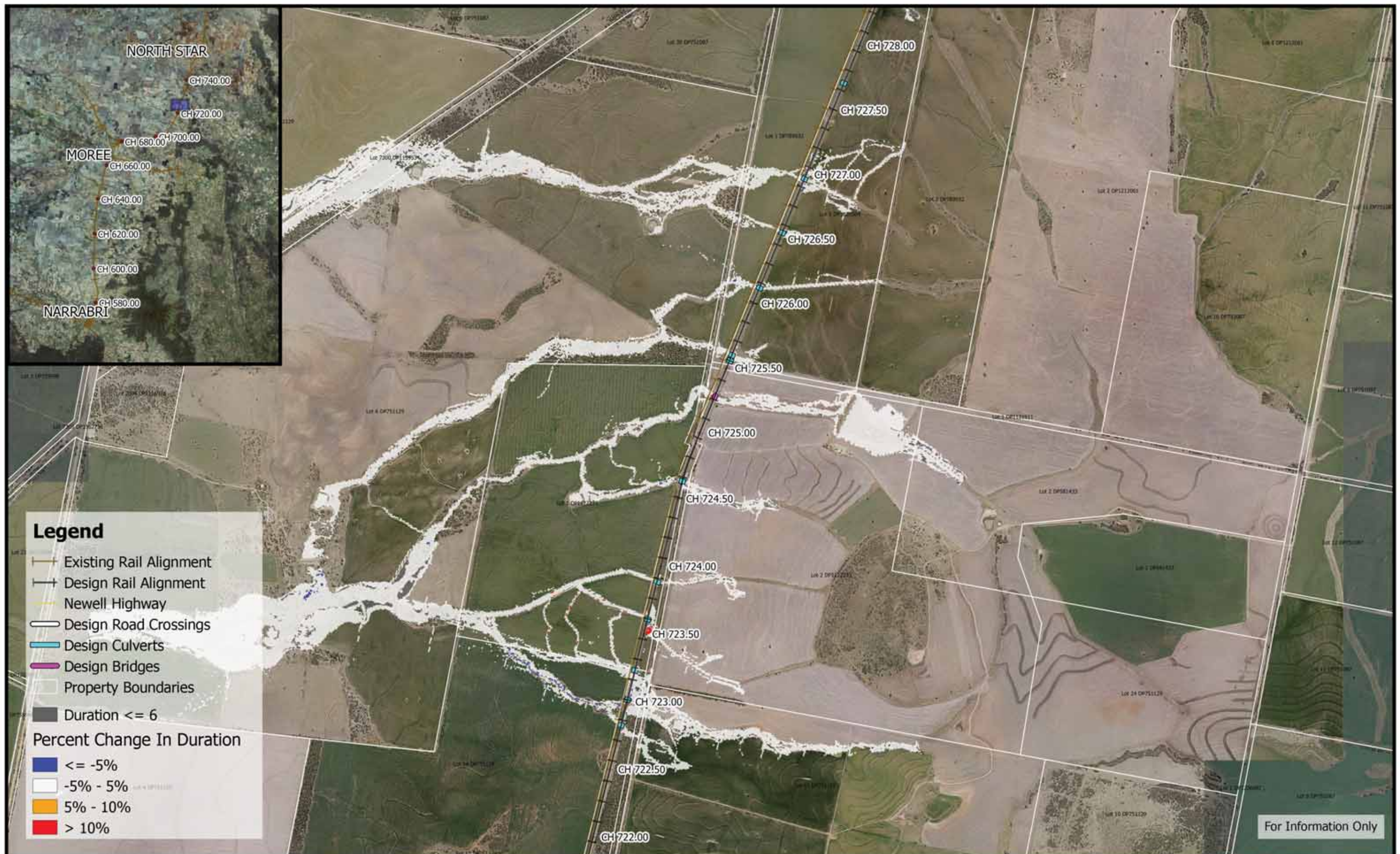










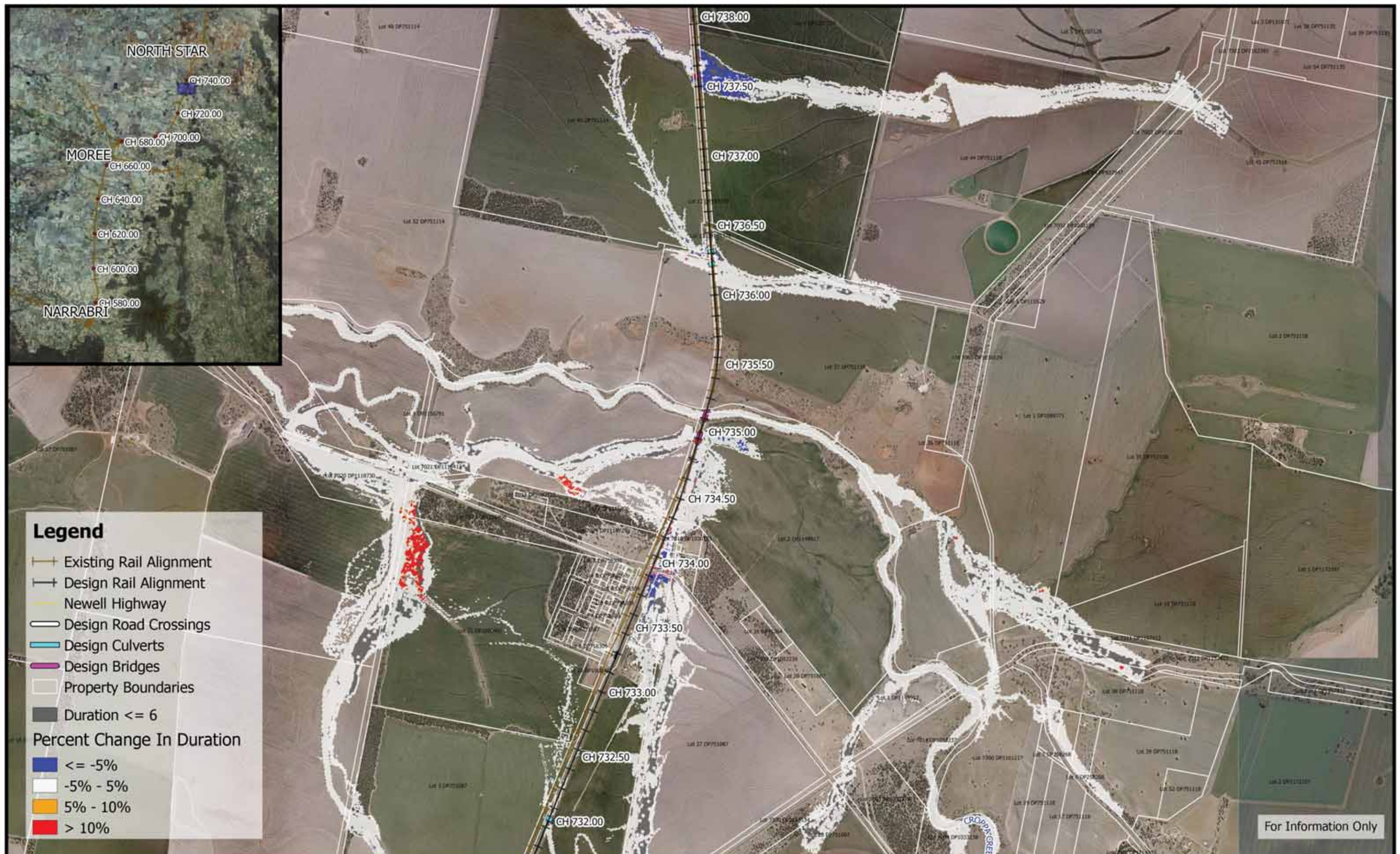


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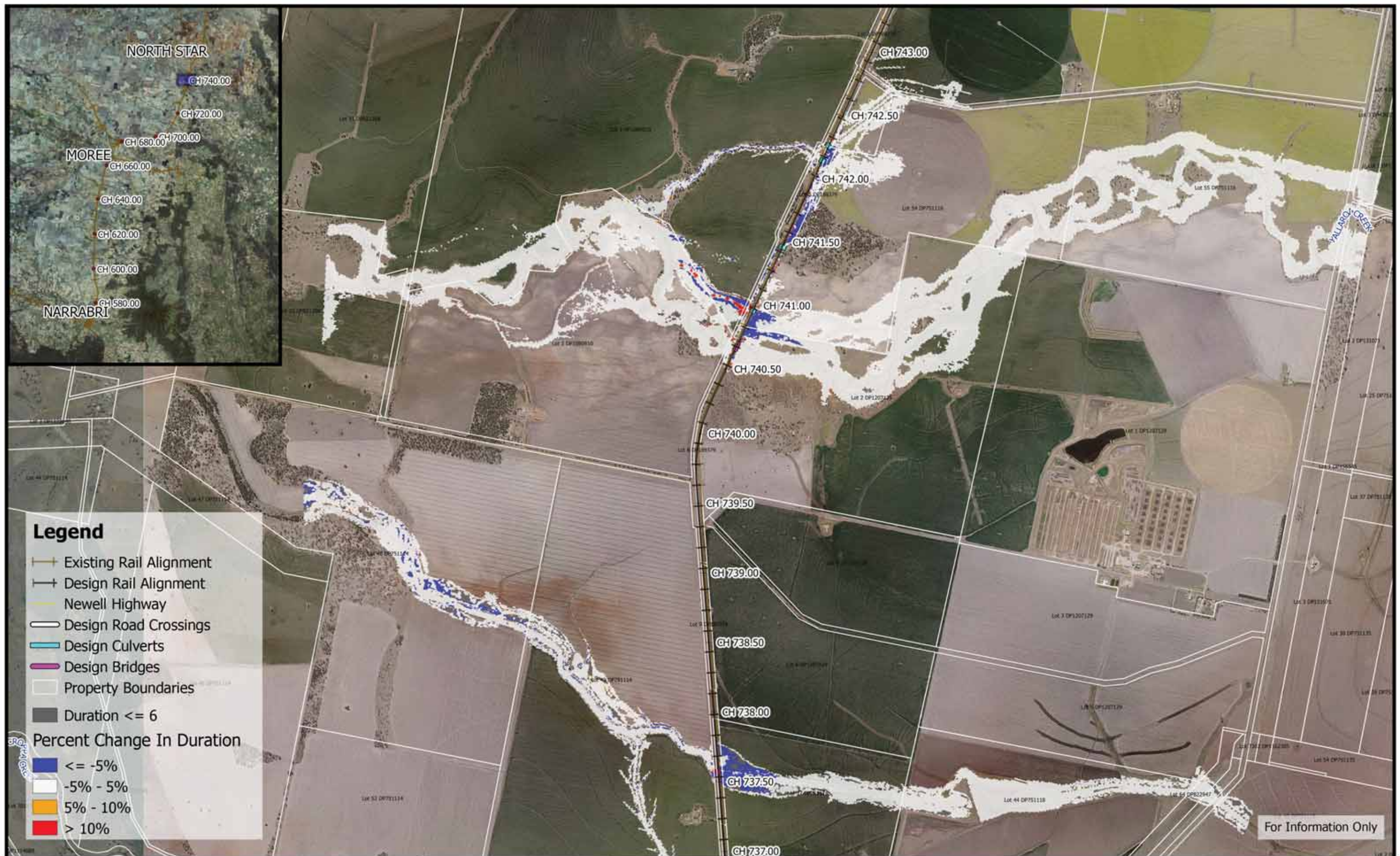












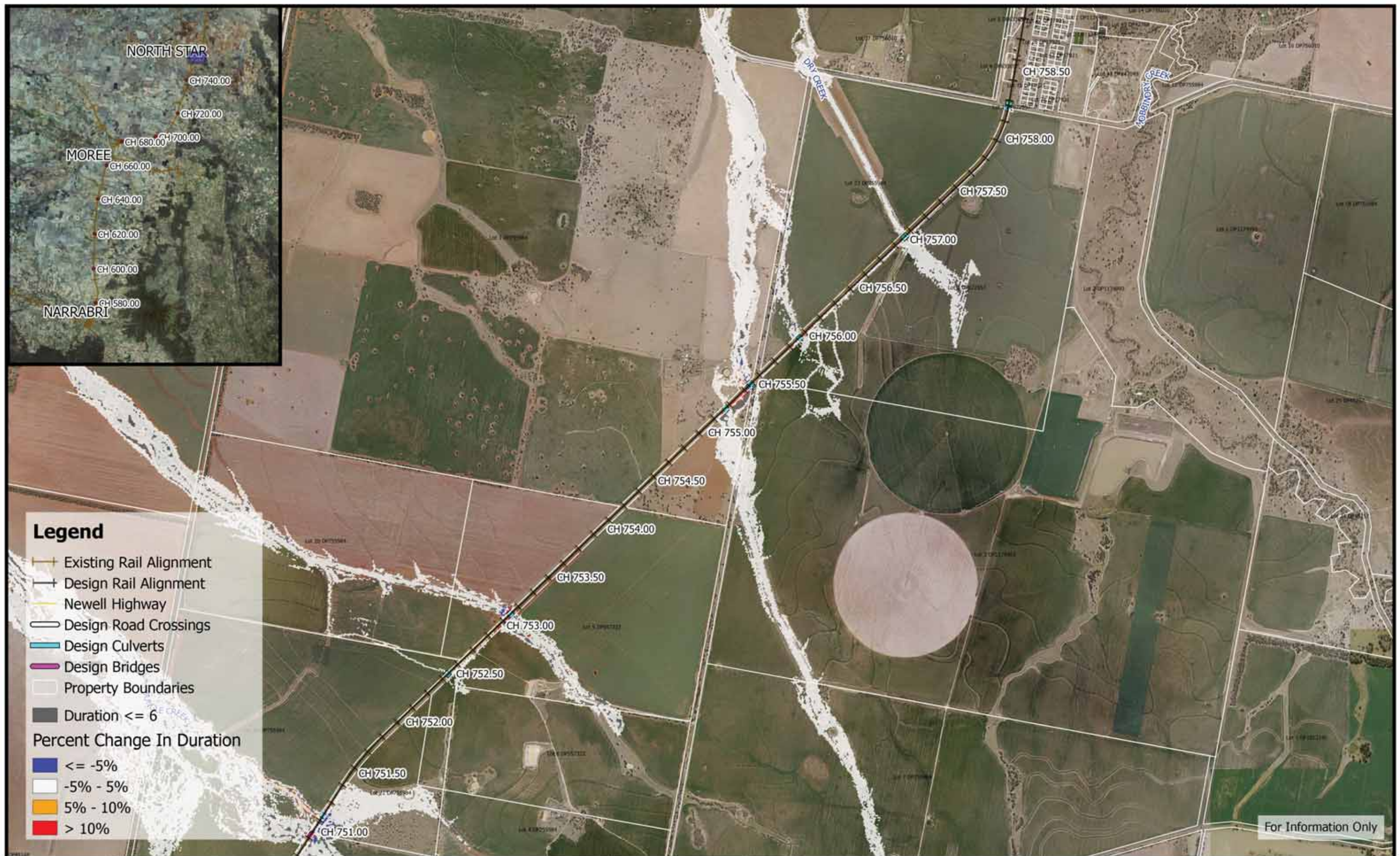












	<p>250 0 250 500 750 1000 m</p> <p>1:25,000</p> <p>Coordinate system: GDA94 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3</p>	<p><b>wsp</b> <b>M</b> <b>M</b></p> <p><b>MOTT</b> <b>MACDONALD</b></p>	<p>Date: 21/5/2019</p> <p>Rev A: For Information Only</p> <p>Prepared By: StephensK</p>	<p><b>Inland Rail - Narrabri to North Star</b> IFC - Flood Study for Separable Portion 1</p> <p><b>Figure DE10D37</b></p> <p><i>10% AEP Percentage Change In Duration For Flood Depths &gt; 200mm - CH 755.00</i></p>
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