

APPENDIX

E

Flood Study Report

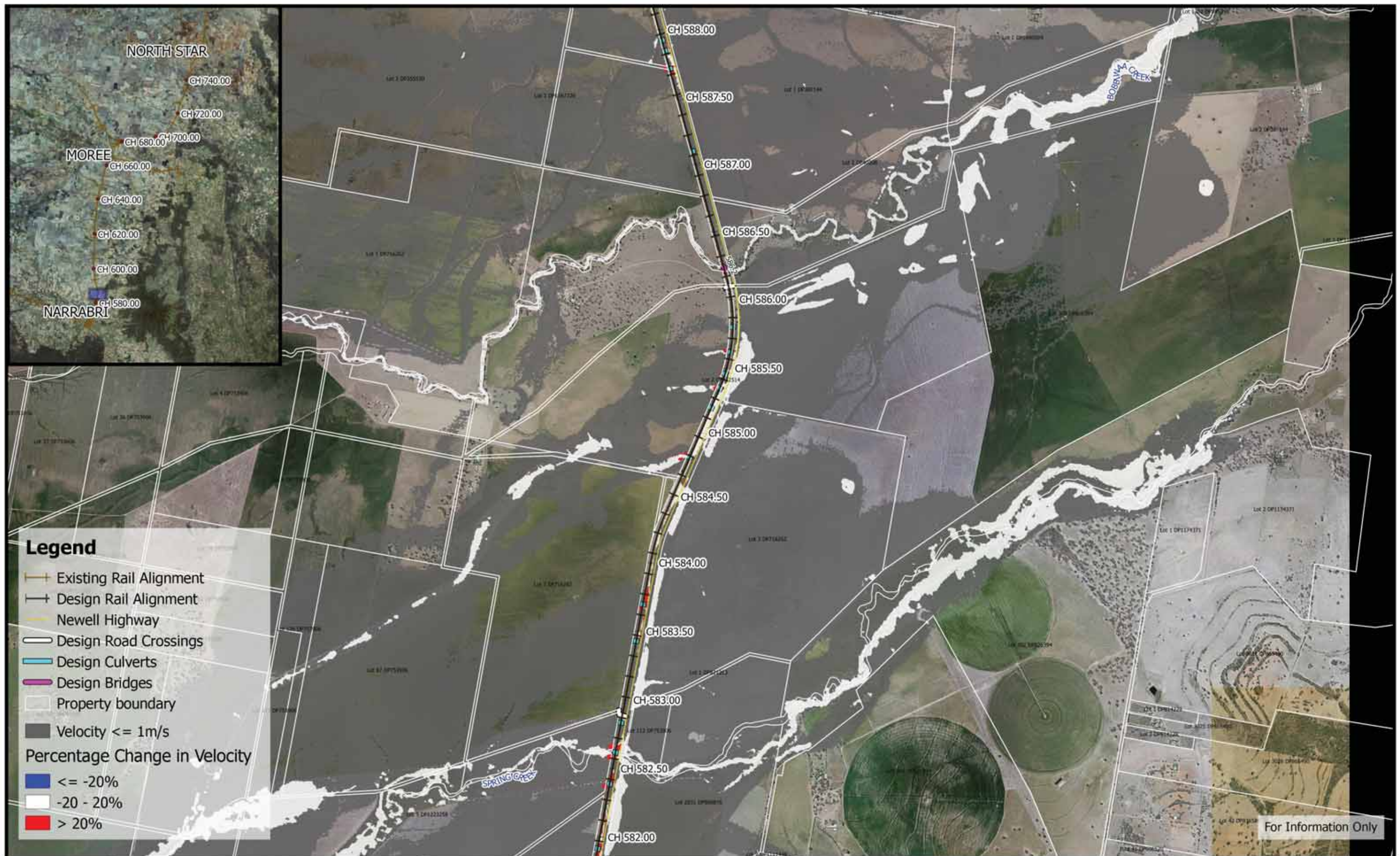
Attachment C Design Conditions Flood Impact Maps

- ▶ Flood Velocity Change 1% AEP with climate change: *Figures DE1CCVC1 to DE1CCVC37*
- ▶ Flood Velocity Change 0.05% AEP: *Figures DE0.05VC1 to DE0.05VC37*



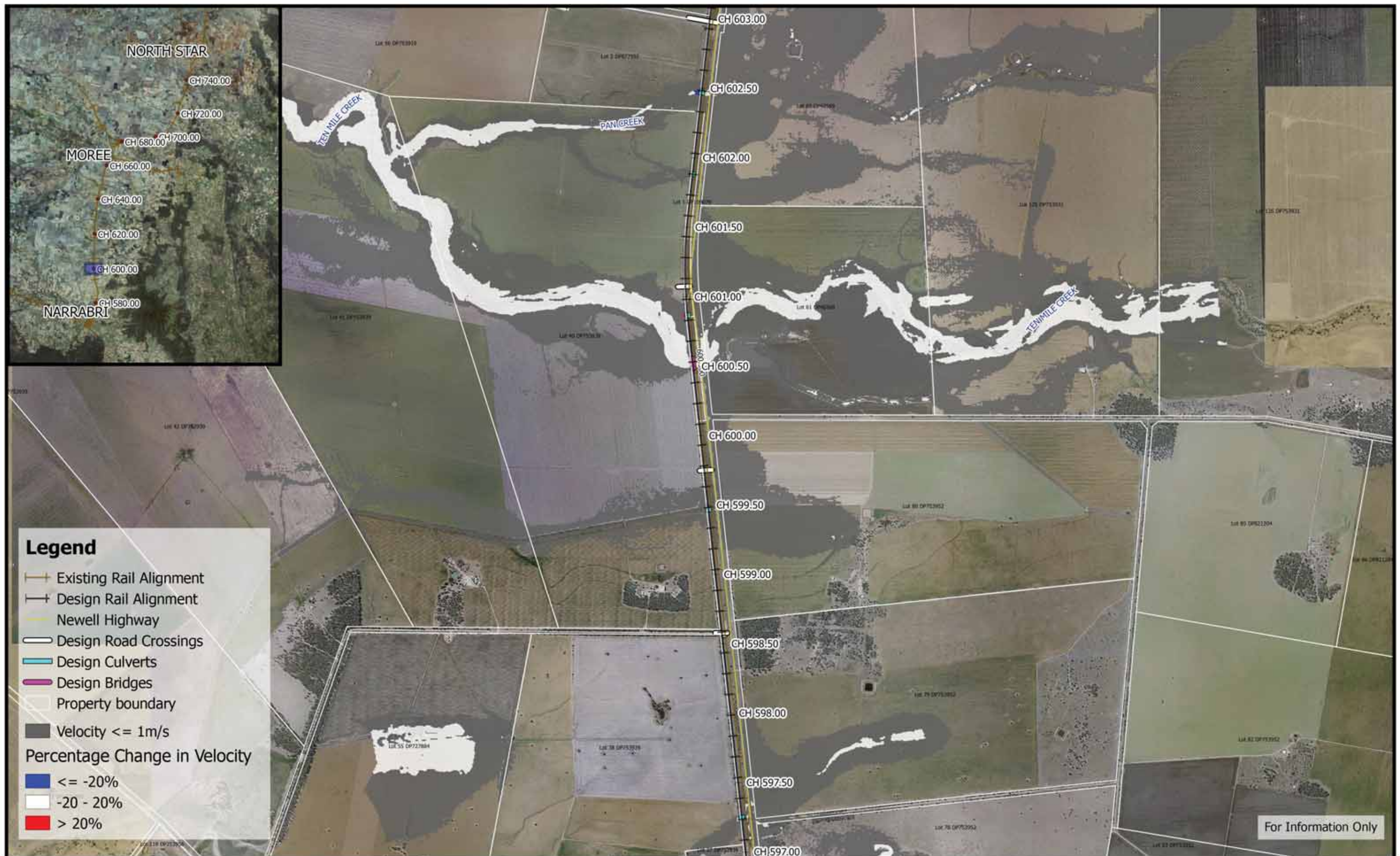
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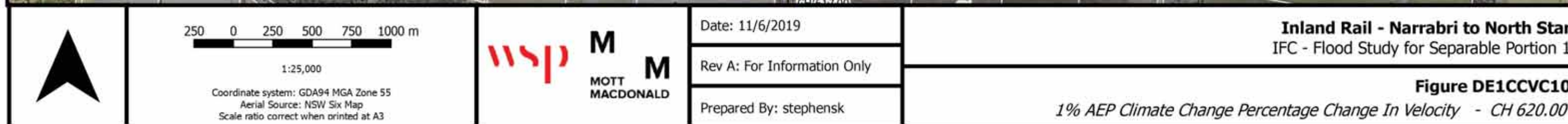


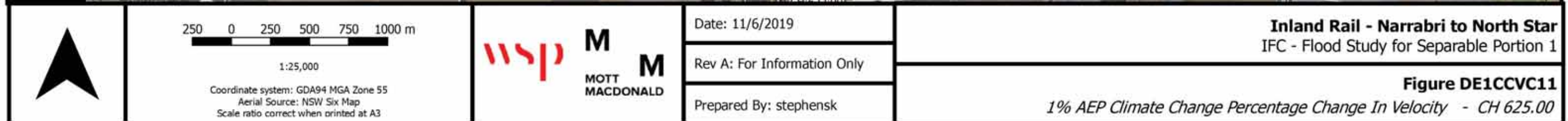


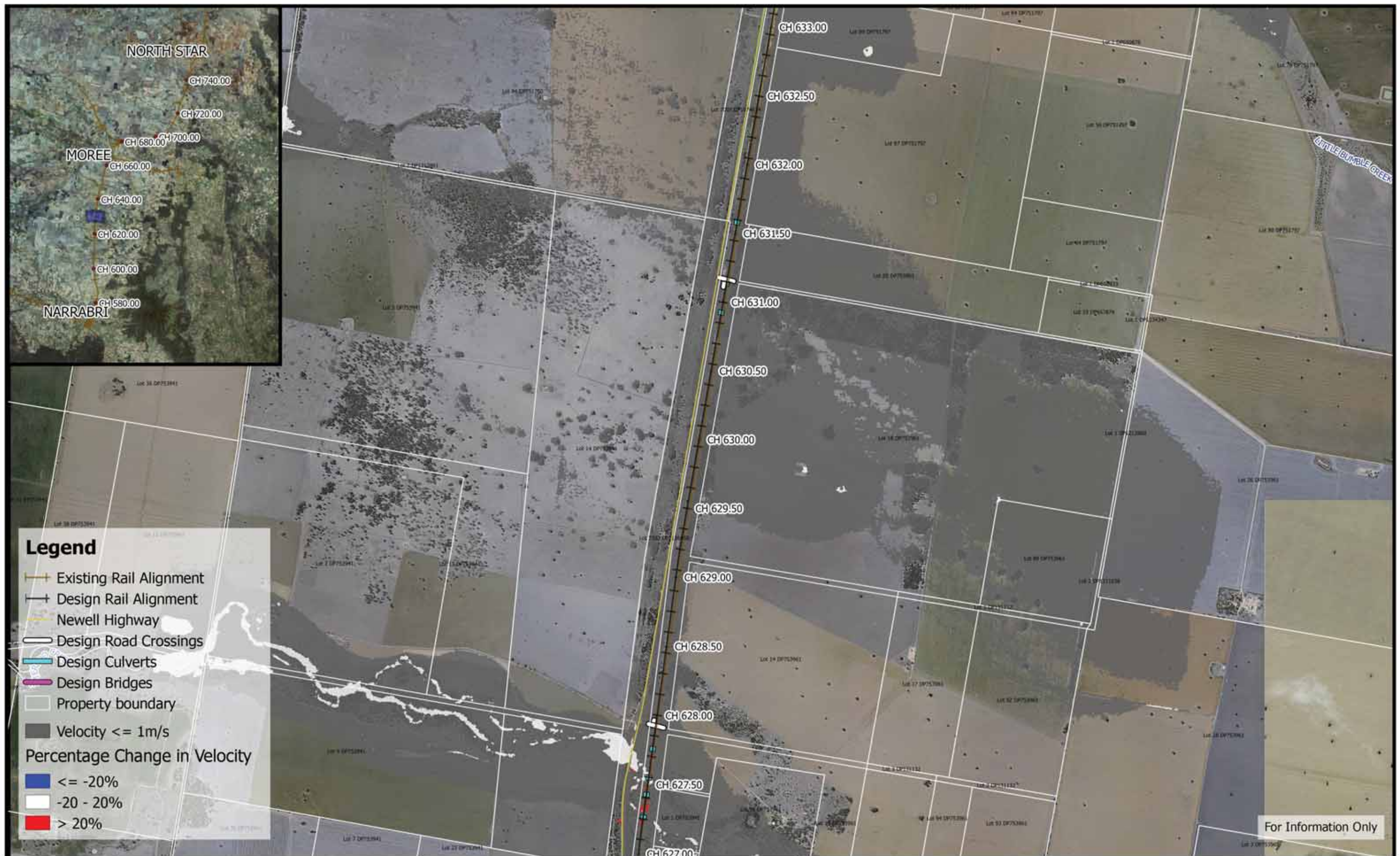


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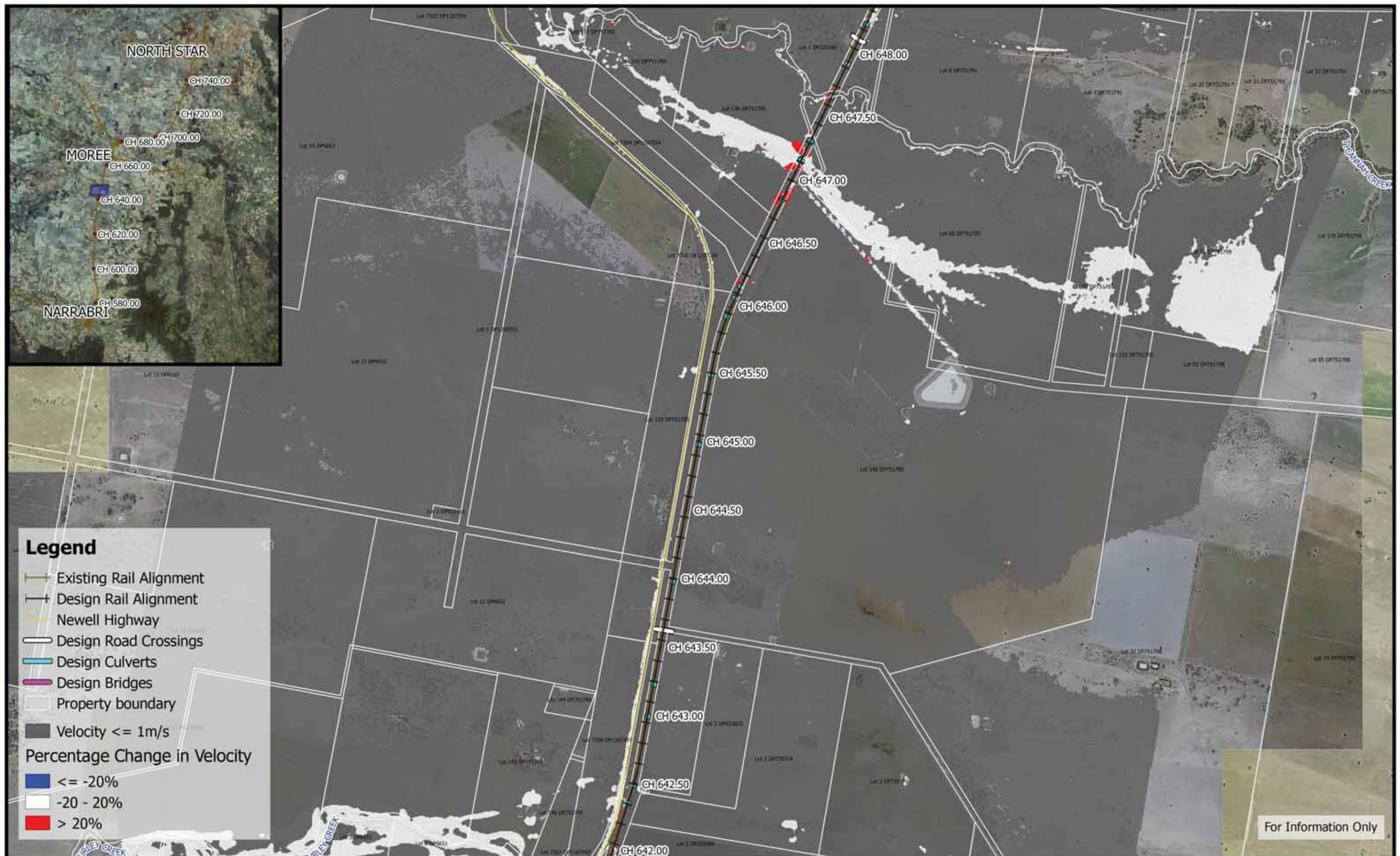




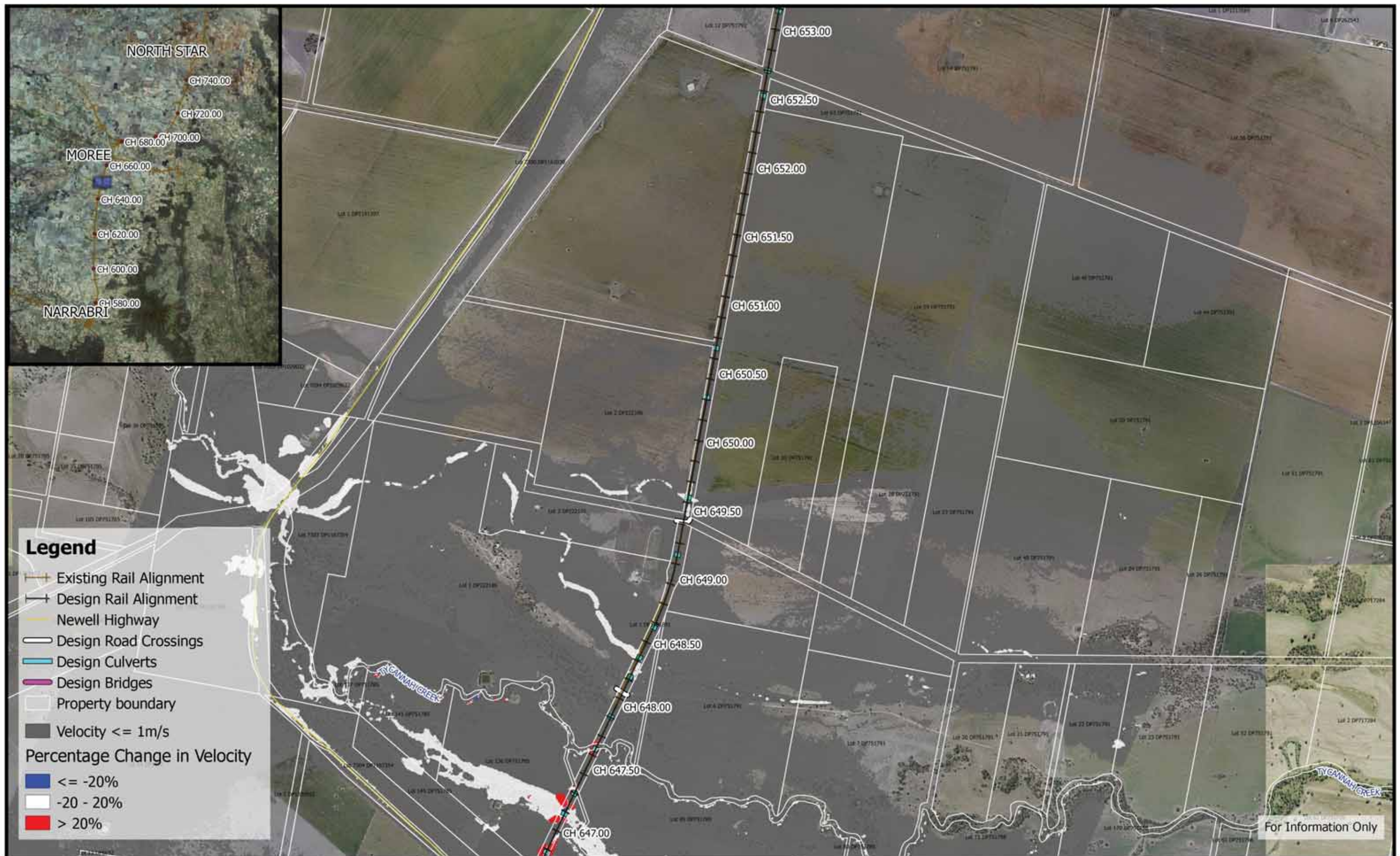
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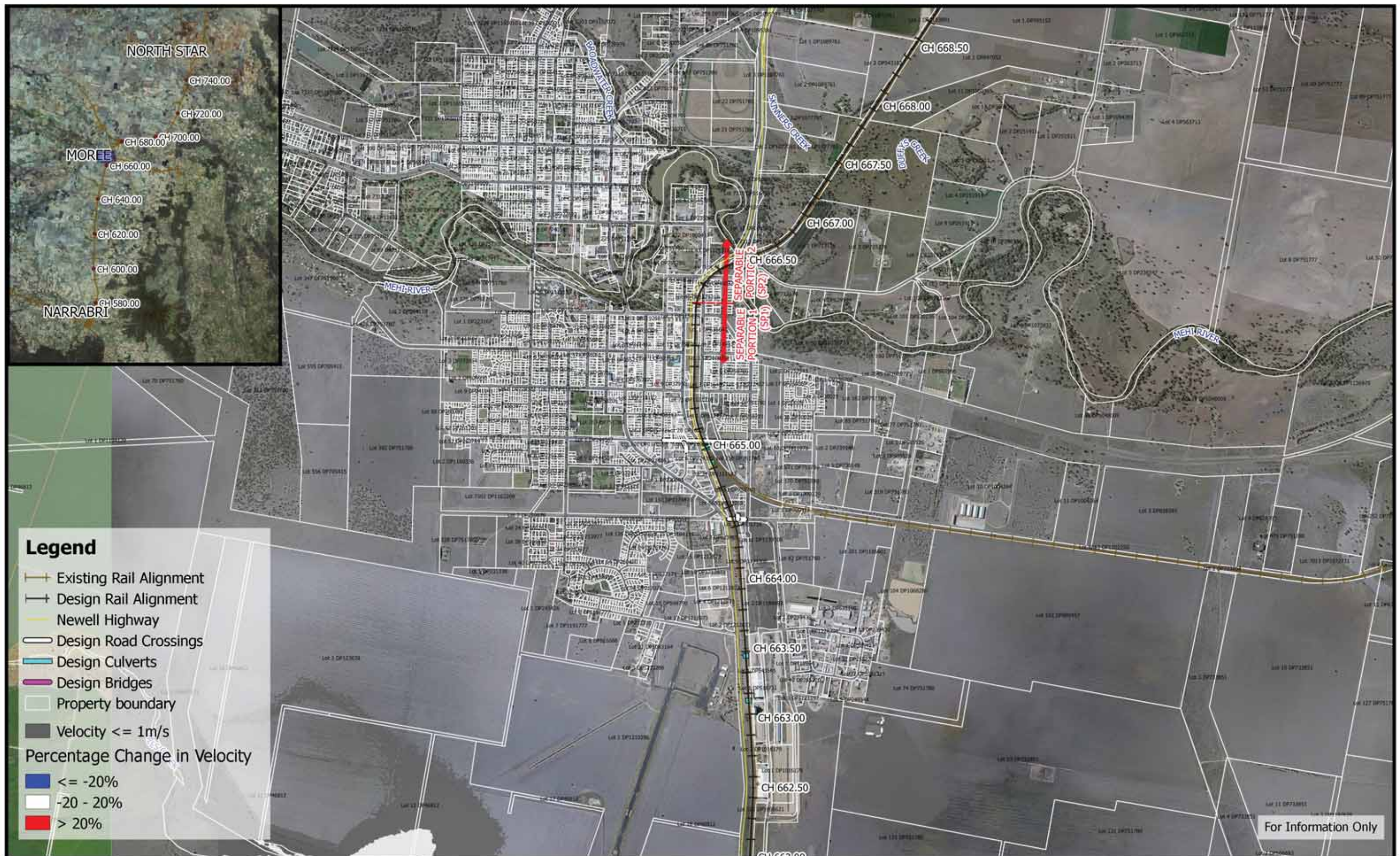


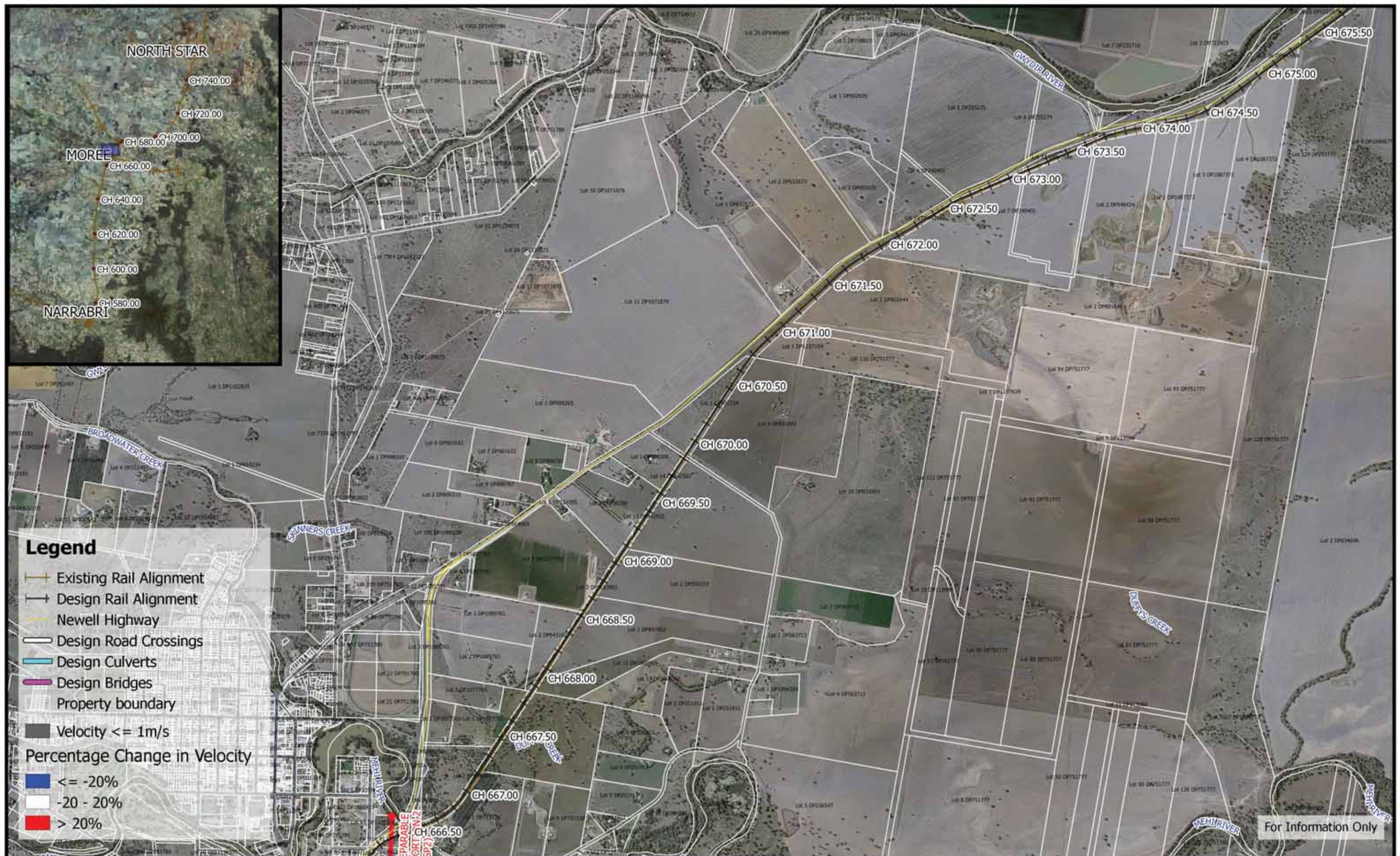
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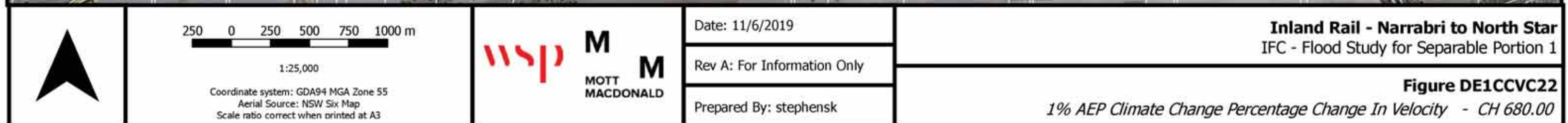










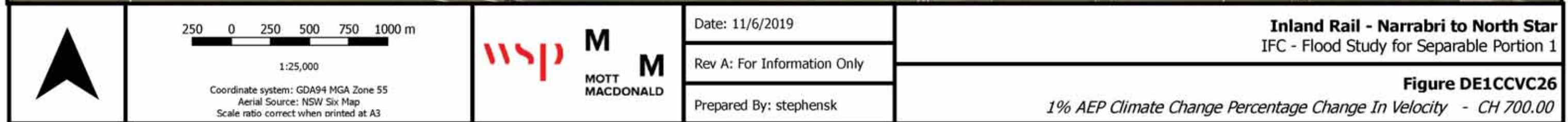
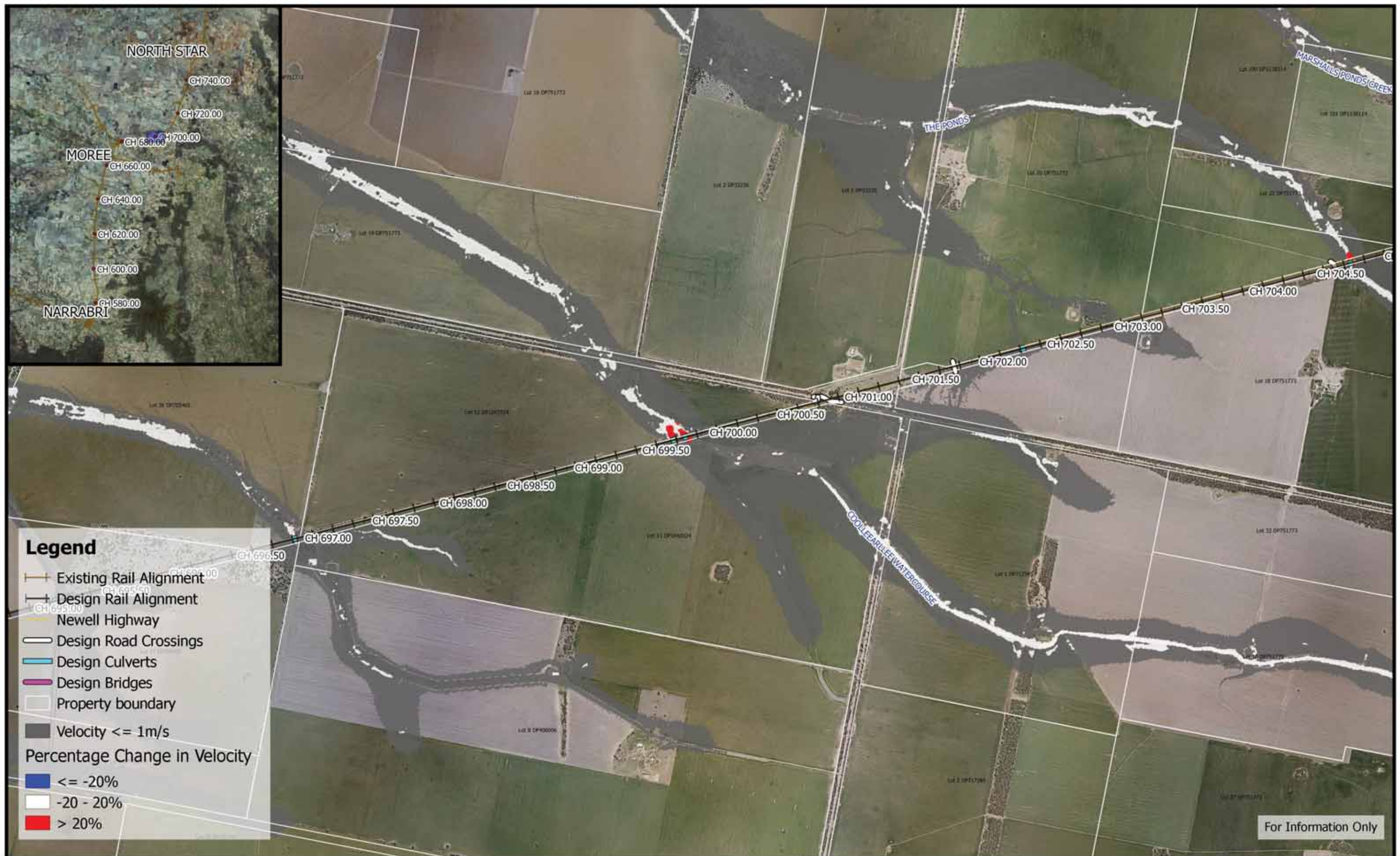








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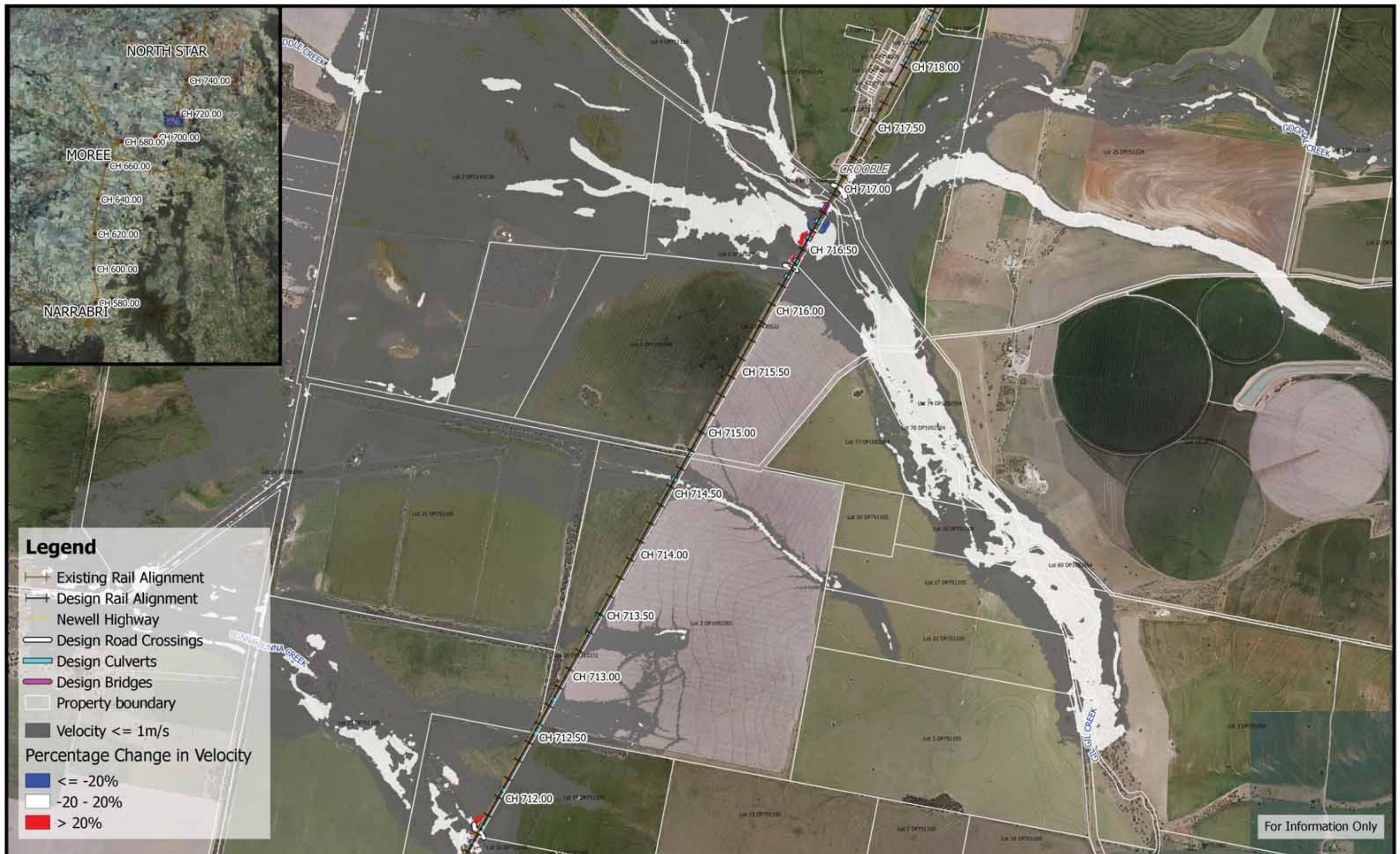
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Inland Rail - Narrabri to North Star
 IFC - Flood Study for Separable Portion 1

Figure DE1CCVC28

1% AEP Climate Change Percentage Change In Velocity - CH 710.00



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			Rev A: For Information Only	
			Prepared By: stephensk	



250 0 250 500 750 1000 m

1:25,000

Coordinate system: GDA94 MGA Zone 55
Aerial Source: NSW Six Map
Scale ratio correct when printed at A3



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Date: 11/6/2019

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Inland Rail - Narrabri to North Star
IFC - Flood Study for Separable Portion 1

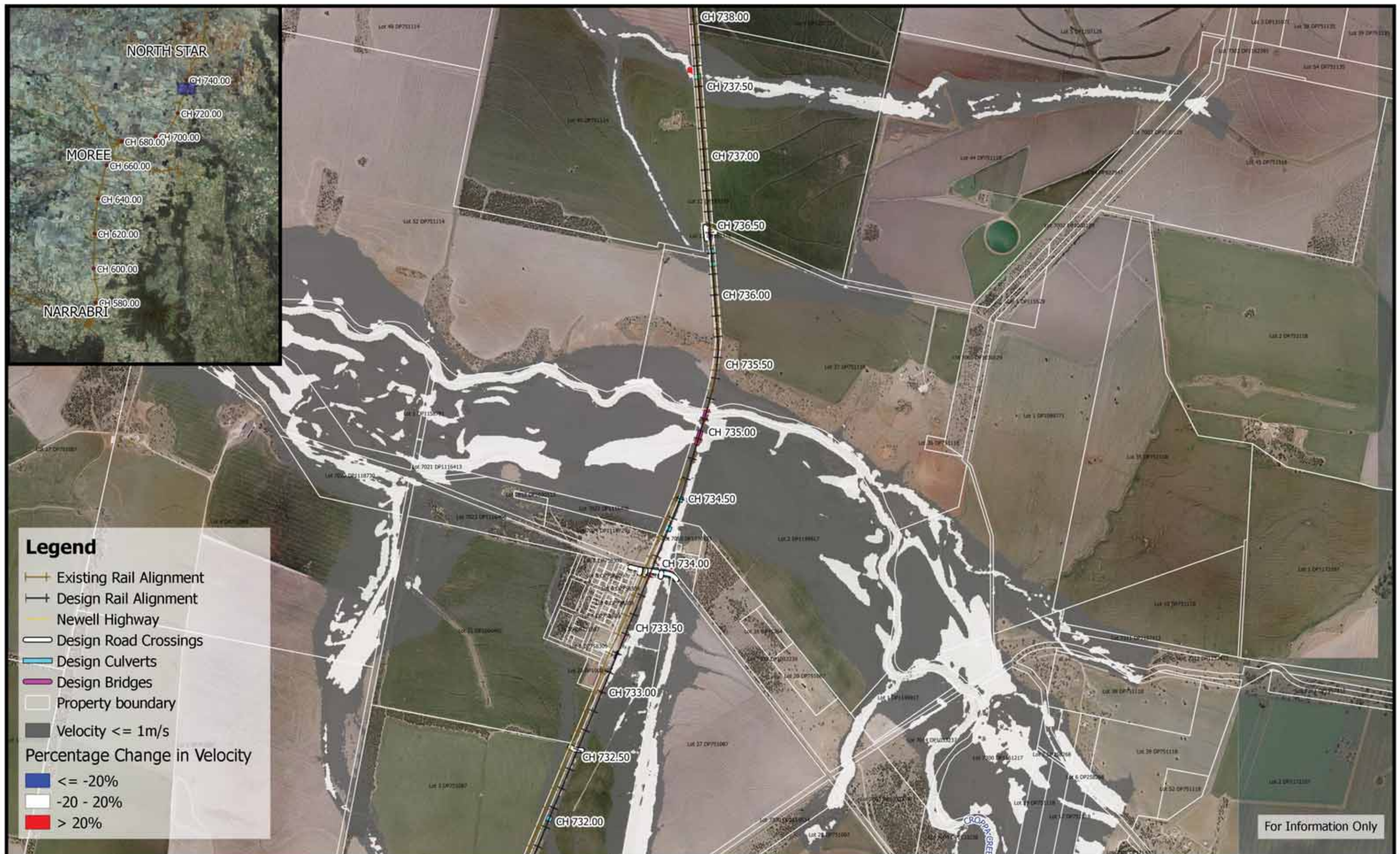
Figure DE1CCVC30

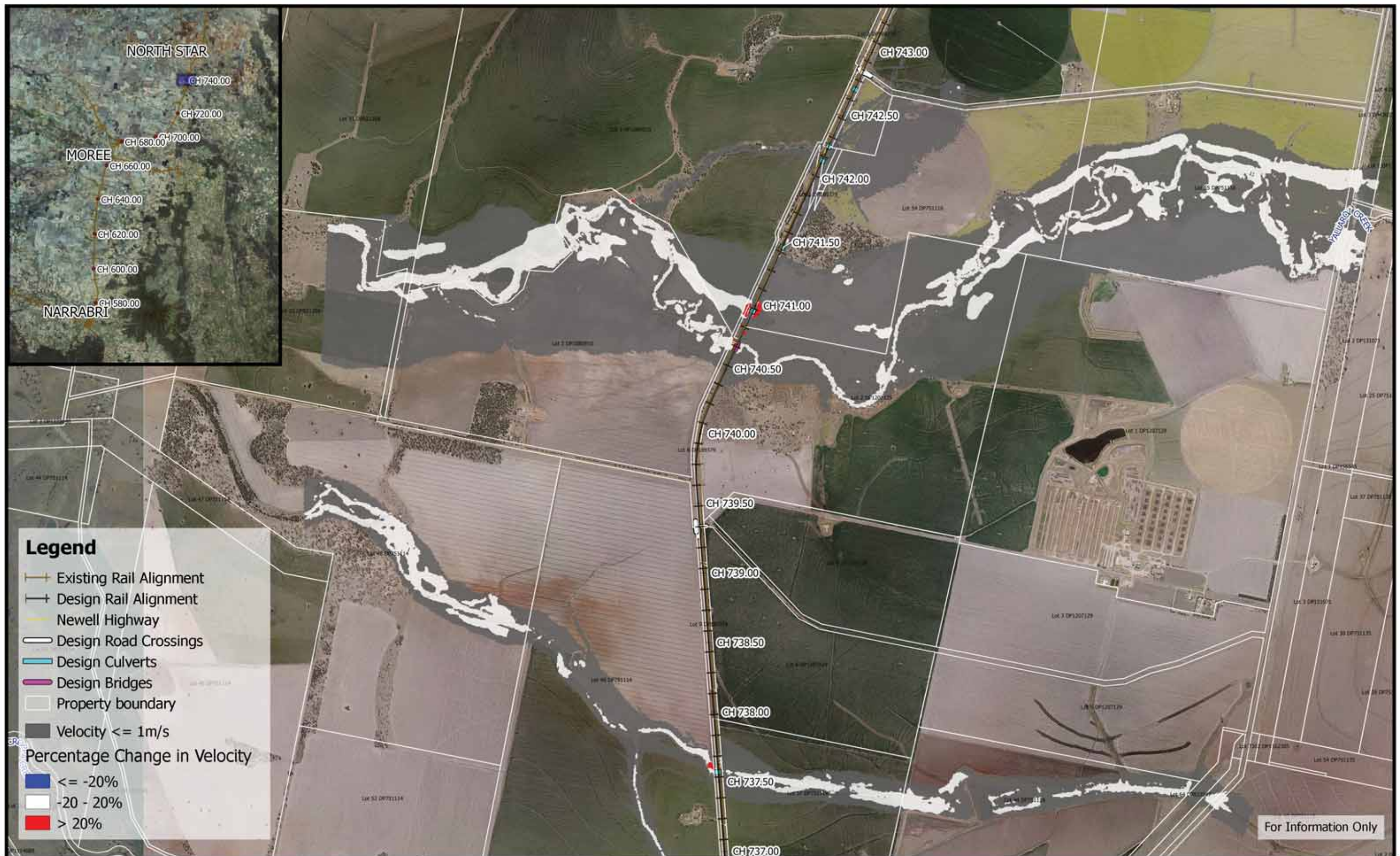
1% AEP Climate Change Percentage Change In Velocity - CH 720.00



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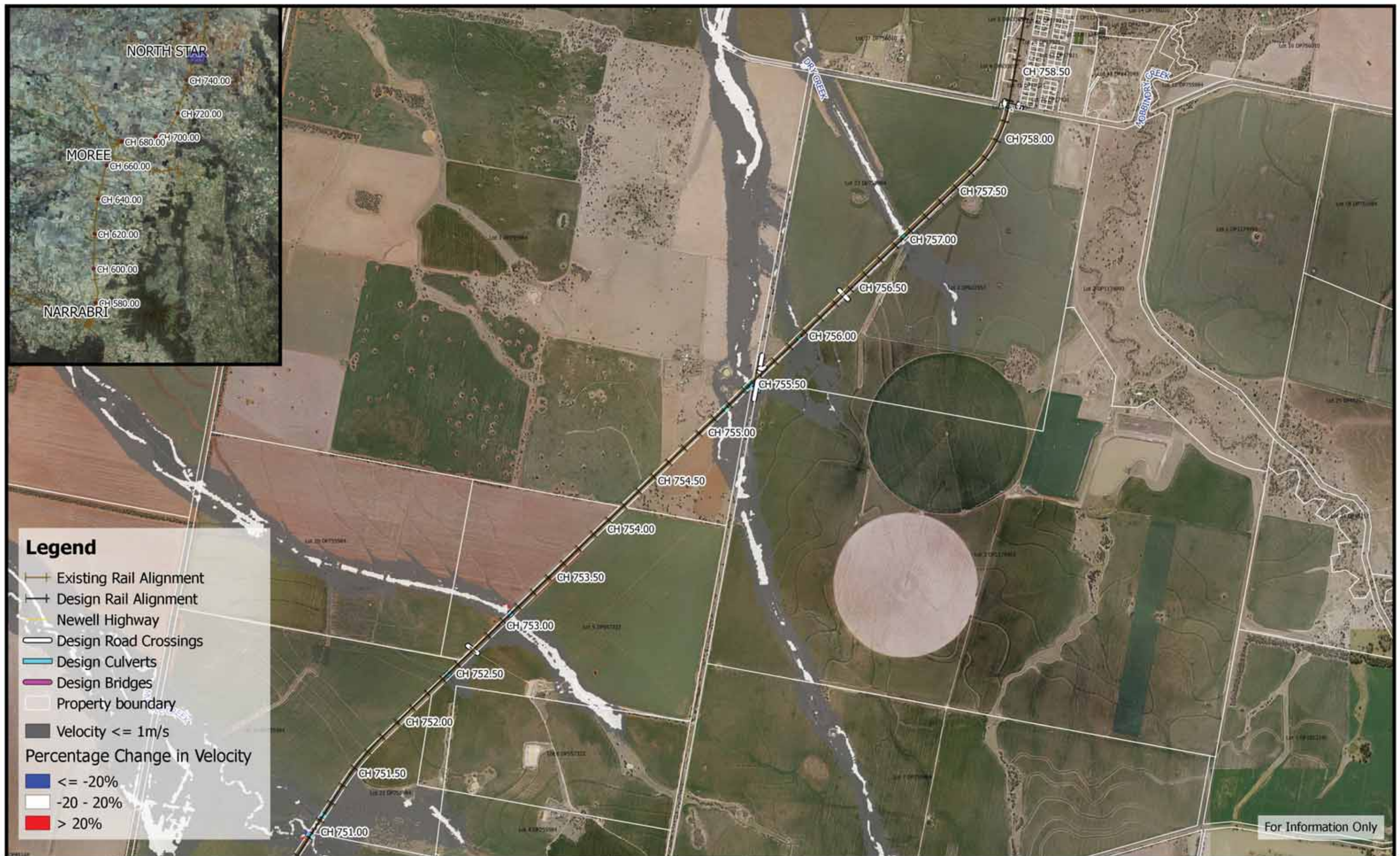




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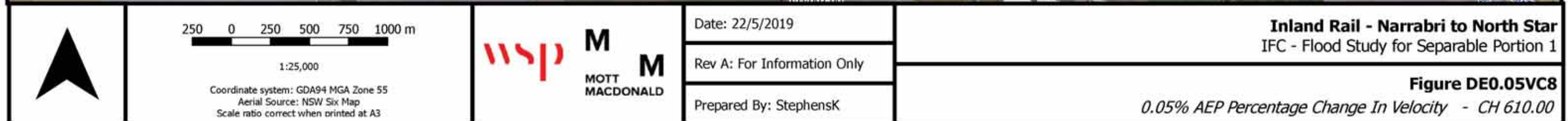
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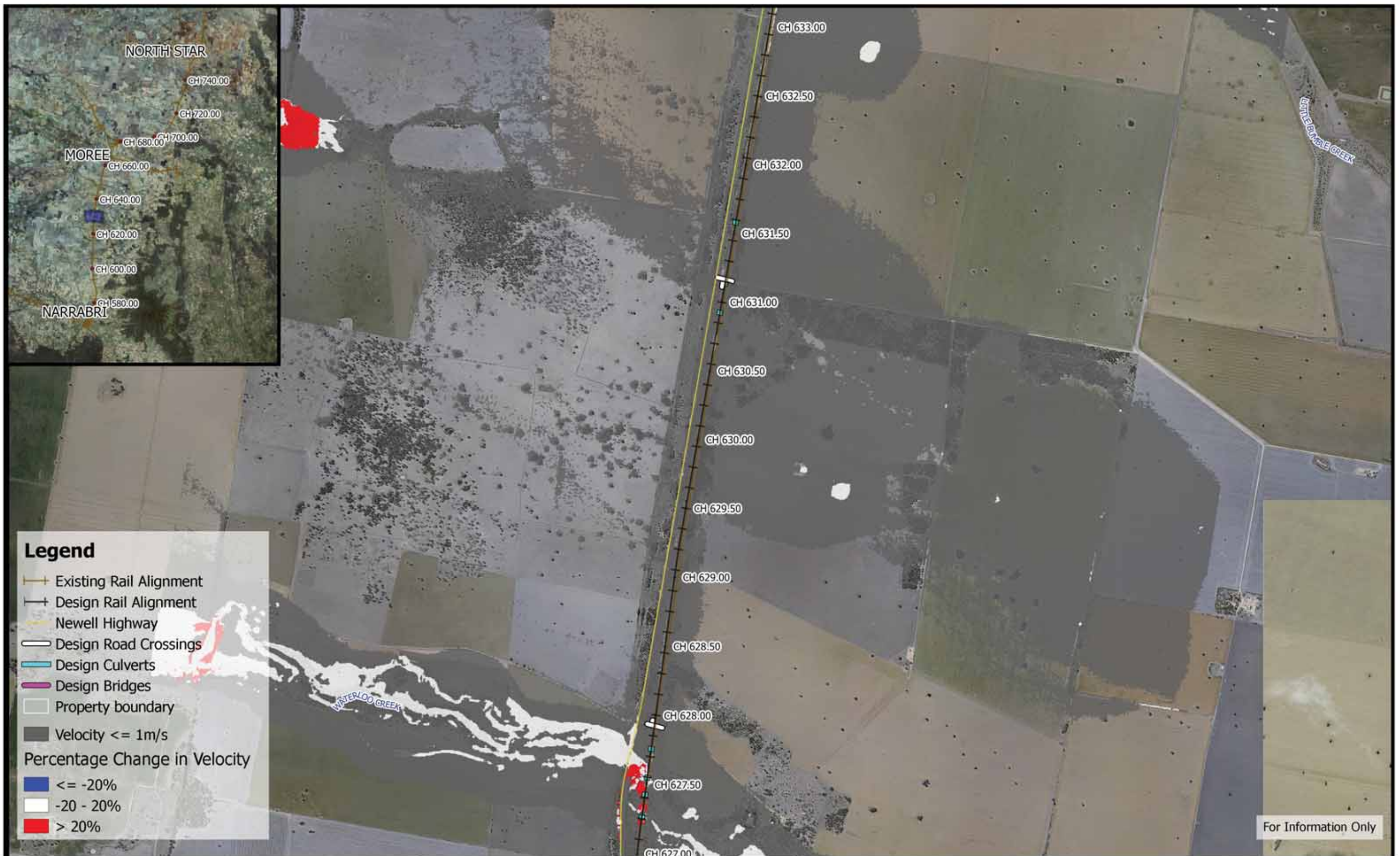




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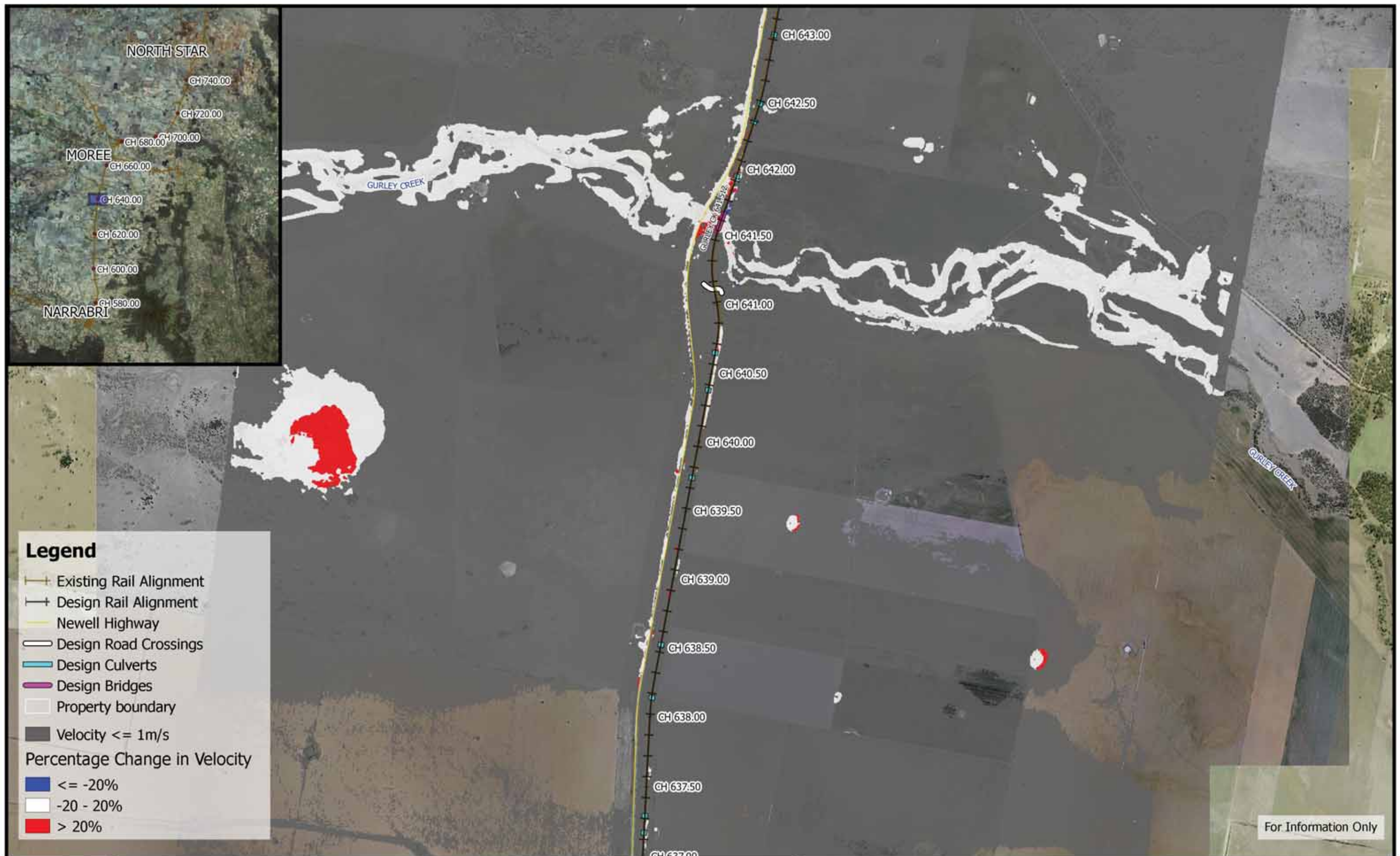


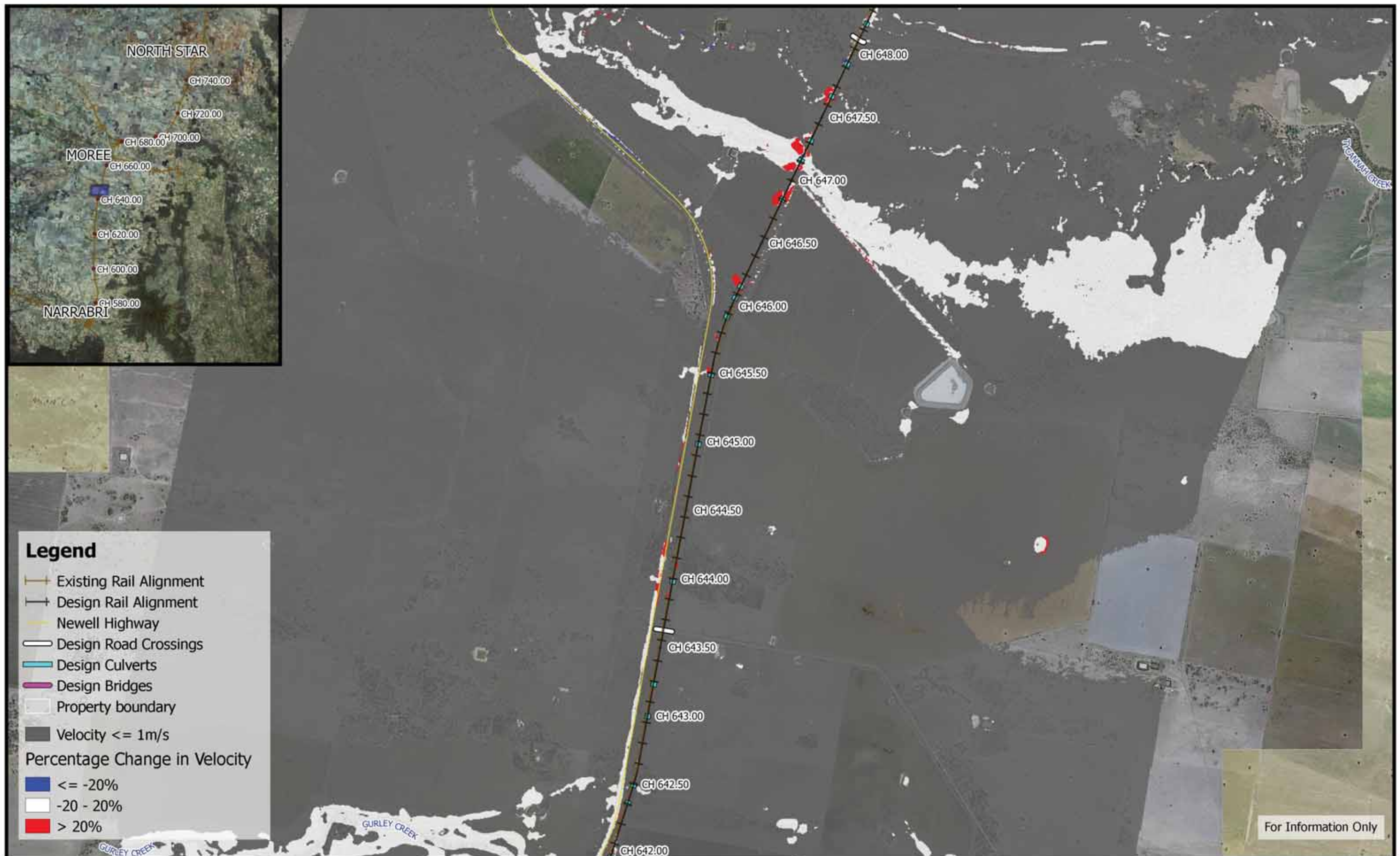




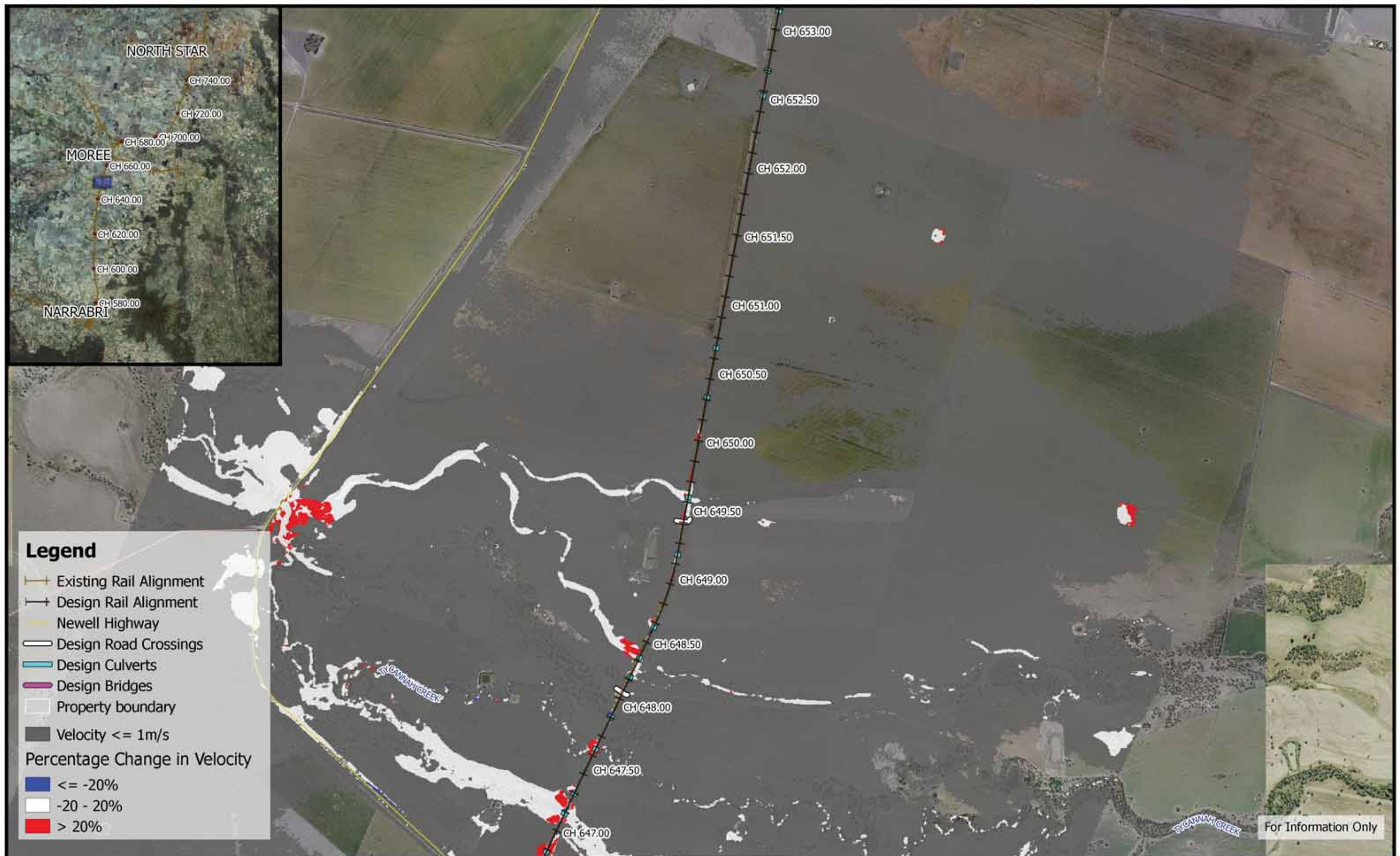


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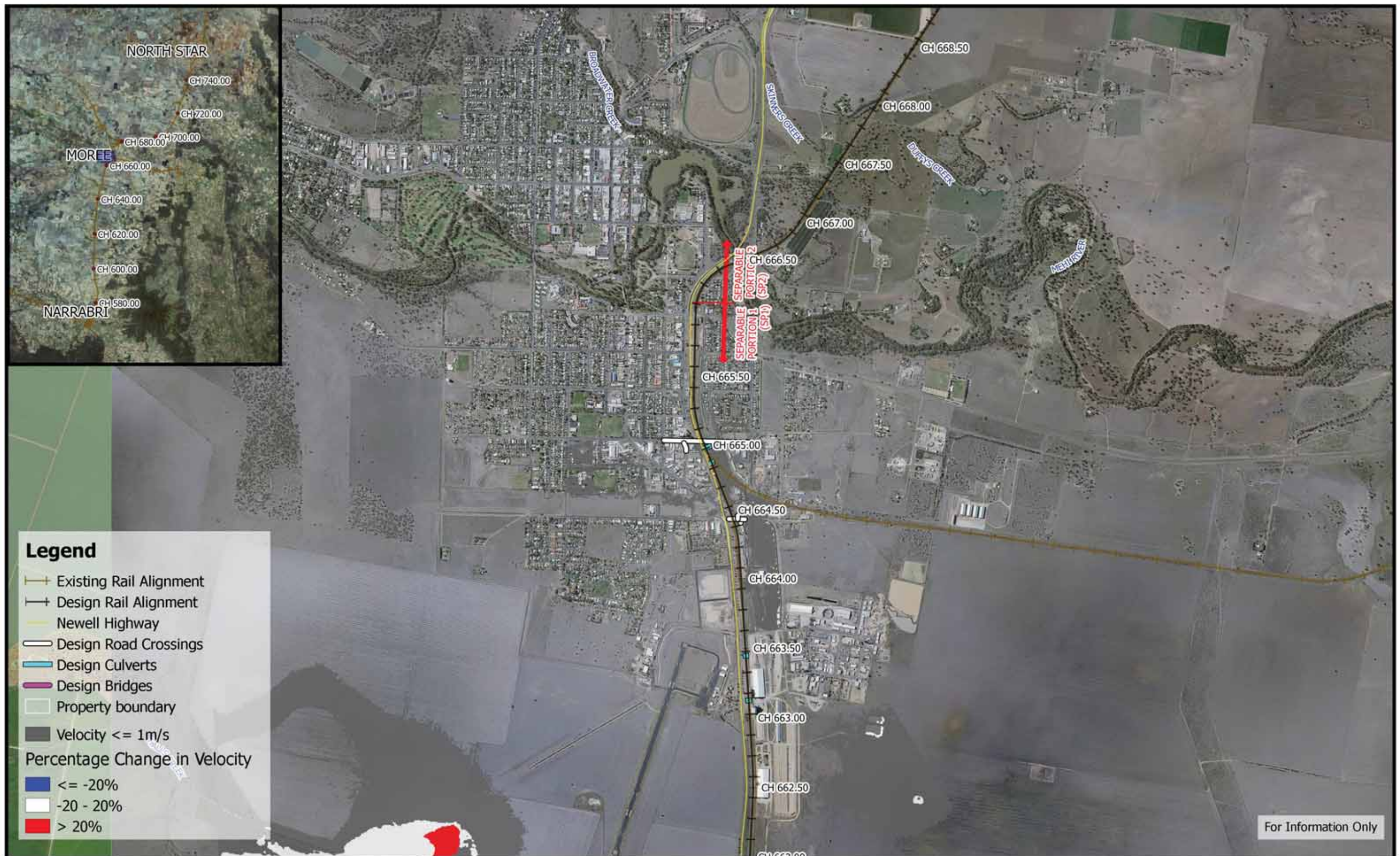


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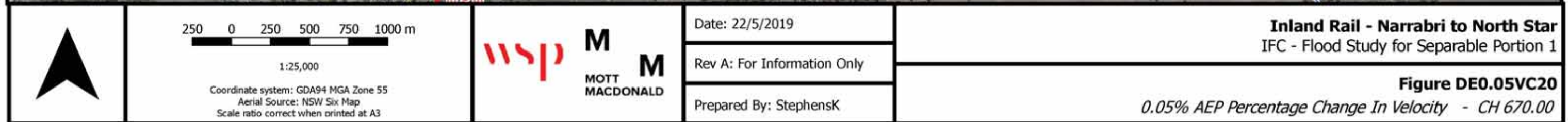
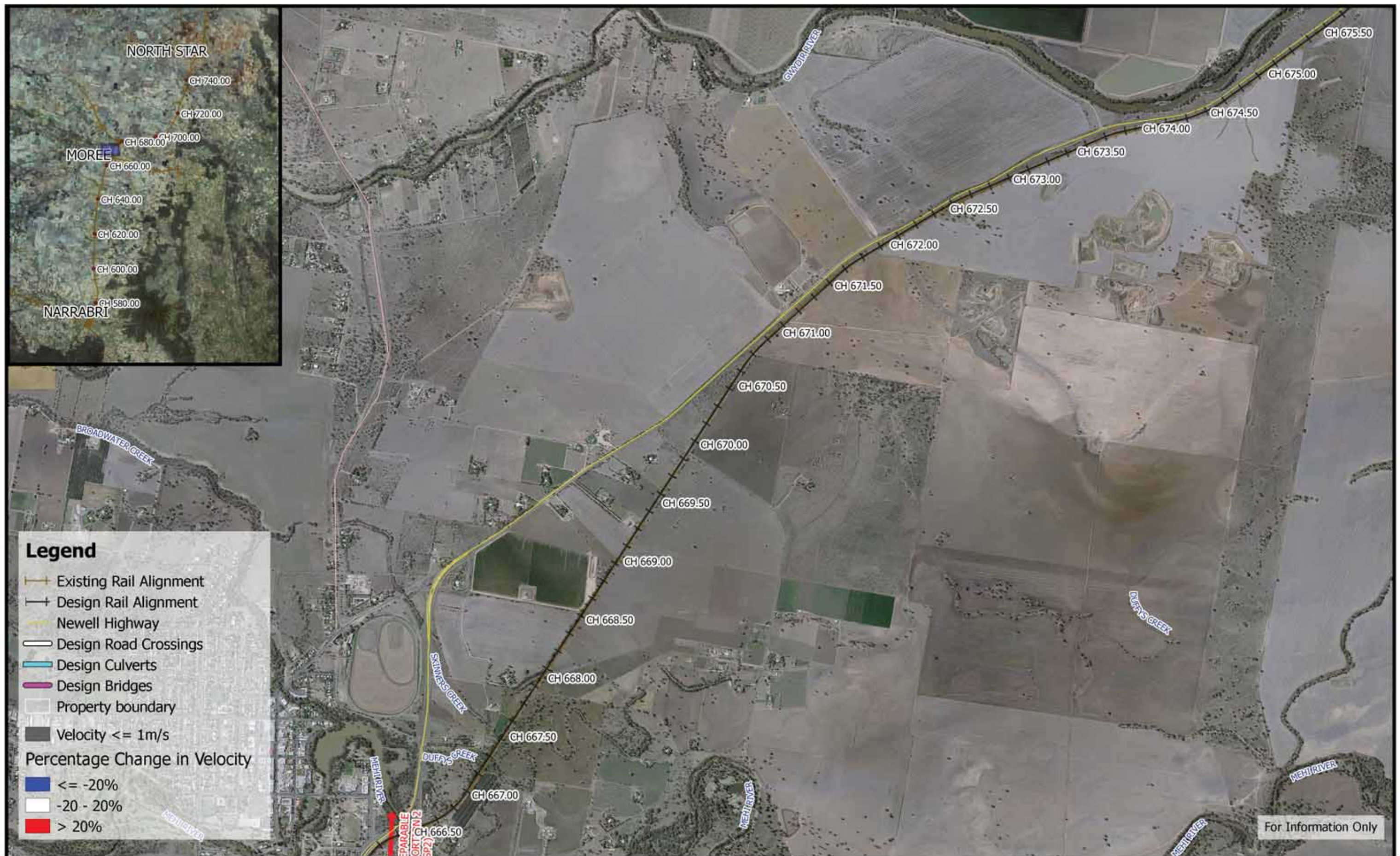








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Inland Rail - Narrabri to North Star
 IFC - Flood Study for Separable Portion 1

Figure DE0.05VC22

0.05% AEP Percentage Change In Velocity - CH 680.00



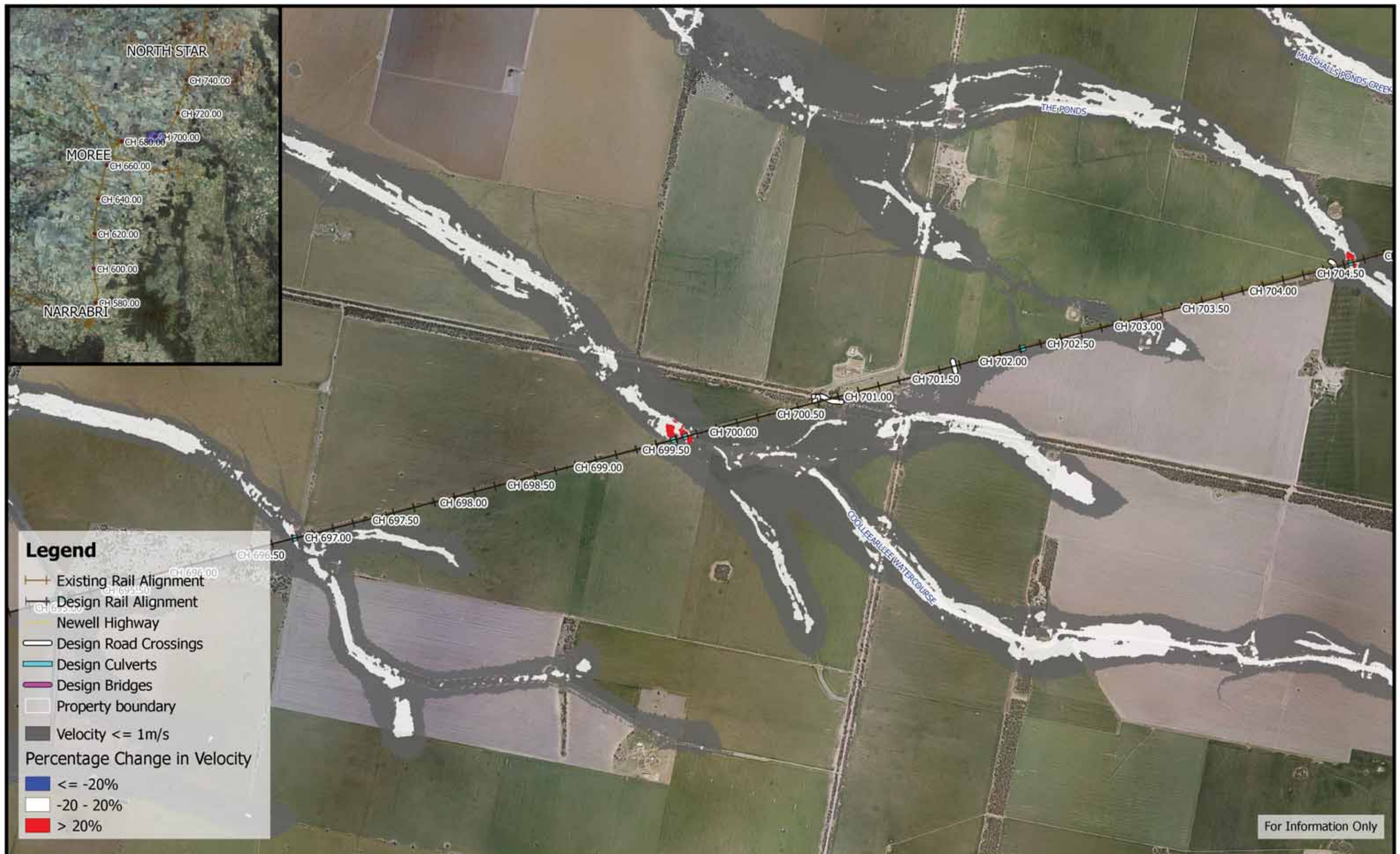
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	<p>250 0 250 500 750 1000 m</p> <p>1:25,000</p> <p>Coordinate system: GDA94 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3</p>		<p>Date: 22/5/2019</p> <p>Rev A: For Information Only</p> <p>Prepared By: StephensK</p>	<p>Inland Rail - Narrabri to North Star IFC - Flood Study for Separable Portion 1</p> <p>Figure DE0.05VC24 <i>0.05% AEP Percentage Change In Velocity - CH 690.00</i></p>
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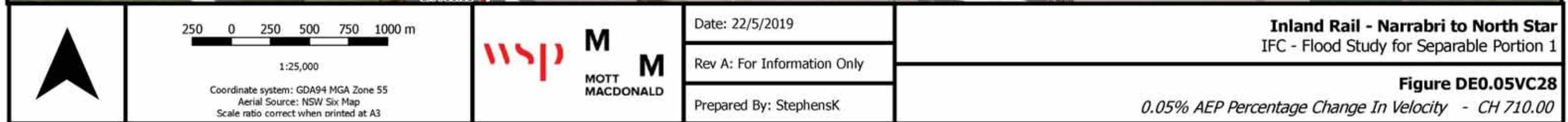
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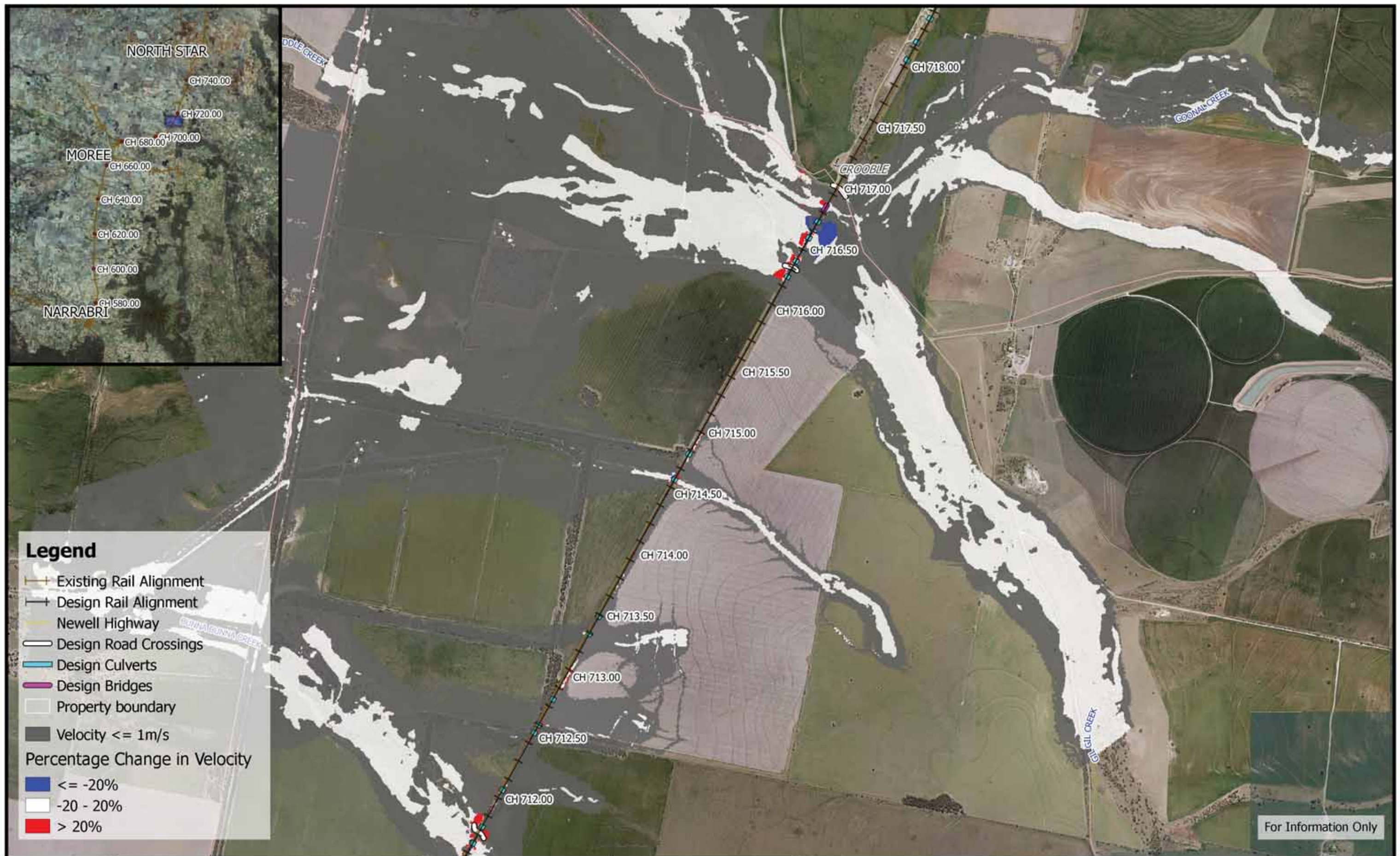


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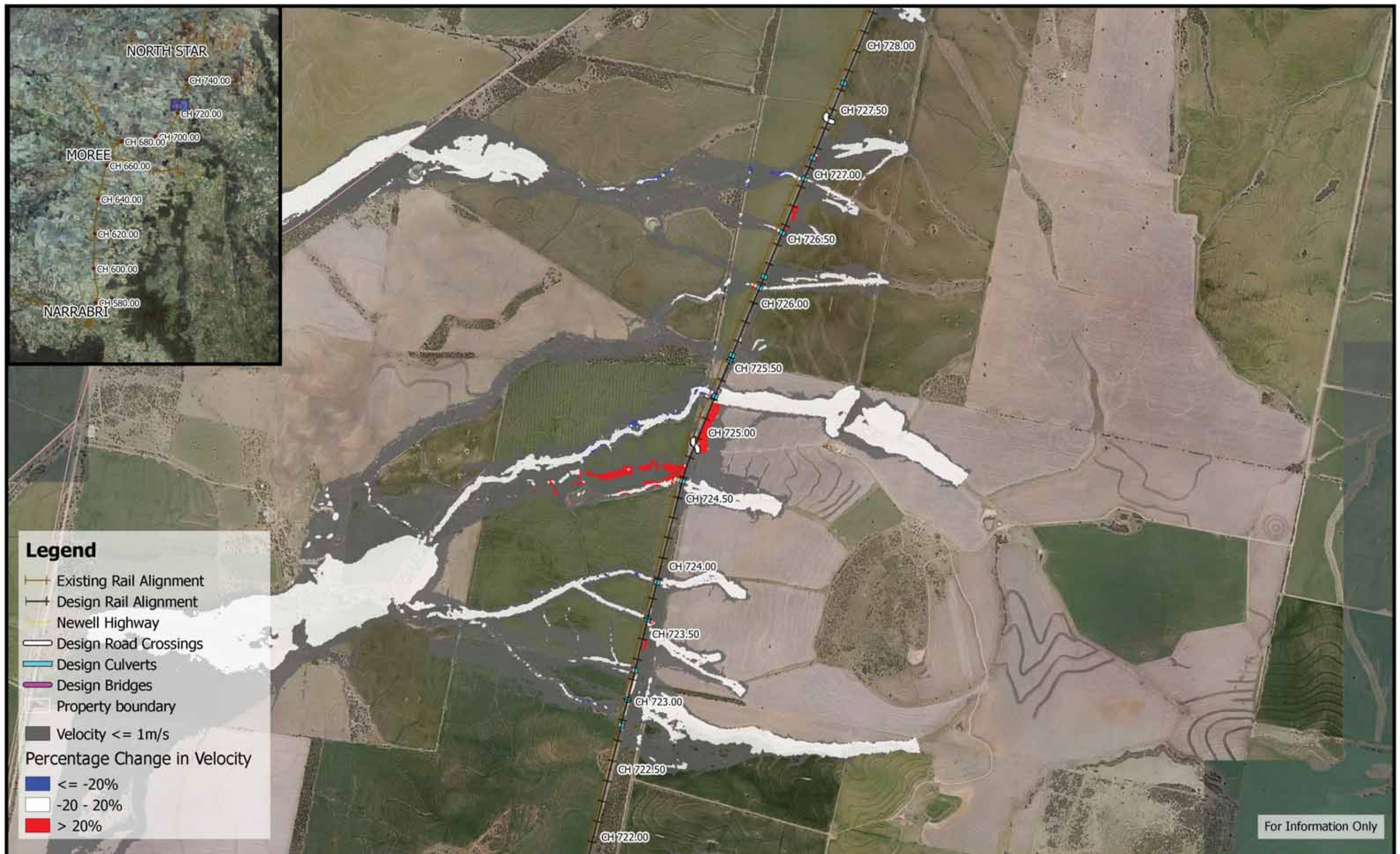




	<p>250 0 250 500 750 1000 m</p> <p>1:25,000</p> <p>Coordinate system: GDA94 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3</p>	<p>wsp M M</p> <p>MOTT MACDONALD</p>	<p>Date: 22/5/2019</p> <p>Rev A: For Information Only</p> <p>Prepared By: StephensK</p>	<p>Inland Rail - Narrabri to North Star IFC - Flood Study for Separable Portion 1</p> <p>Figure DE0.05VC29 <i>0.05% AEP Percentage Change In Velocity - CH 715.00</i></p>
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For Information Only



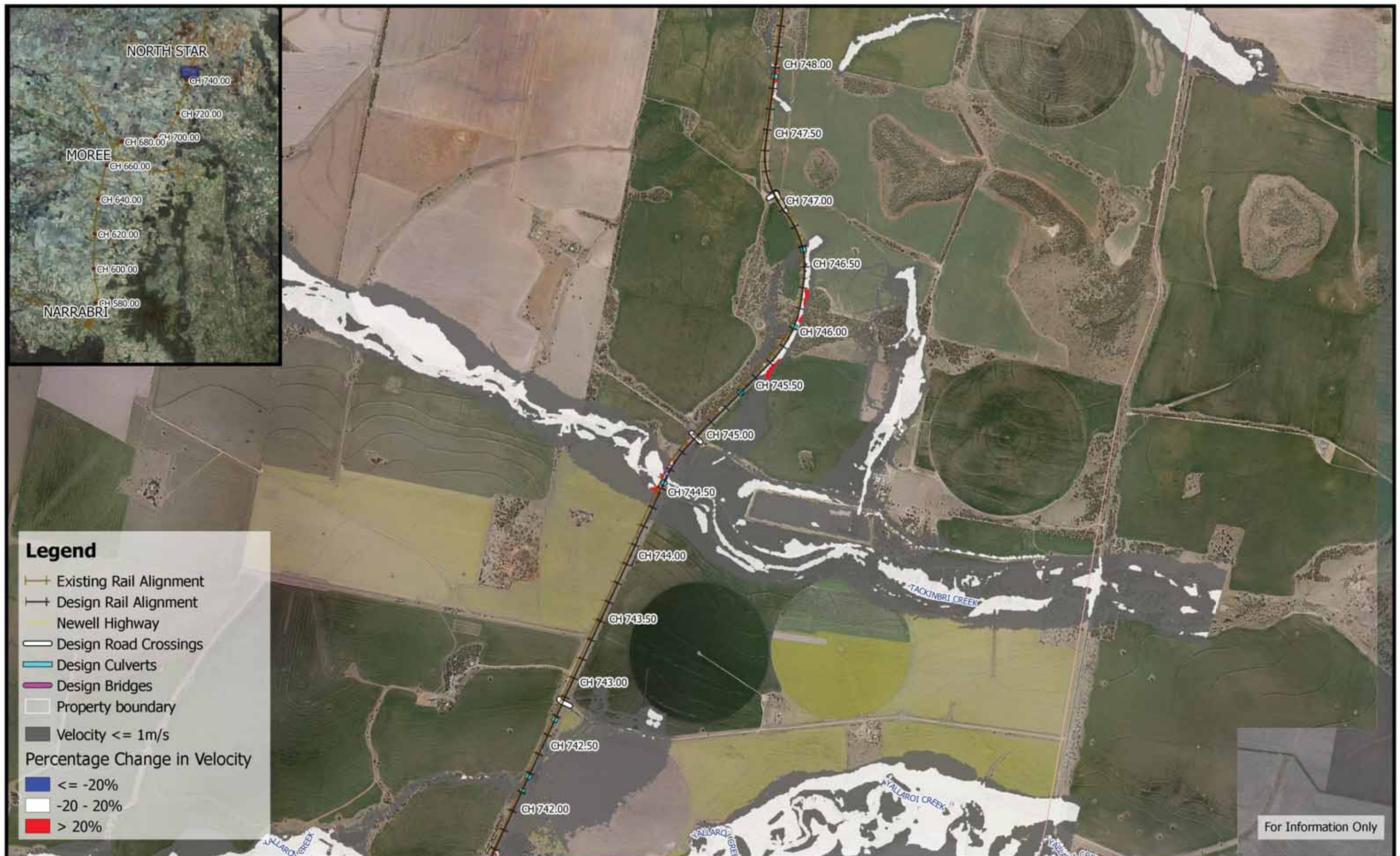
	<p>250 0 250 500 750 1000 m</p> <p>1:25,000</p> <p>Coordinate system: GDA94 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3</p>	<p>wsp M M</p> <p>MOTT MACDONALD</p>	<p>Date: 22/5/2019</p> <p>Rev A: For Information Only</p> <p>Prepared By: StephensK</p>	<p>Inland Rail - Narrabri to North Star IFC - Flood Study for Separable Portion 1</p> <p>Figure DE0.05VC31 <i>0.05% AEP Percentage Change In Velocity - CH 725.00</i></p>
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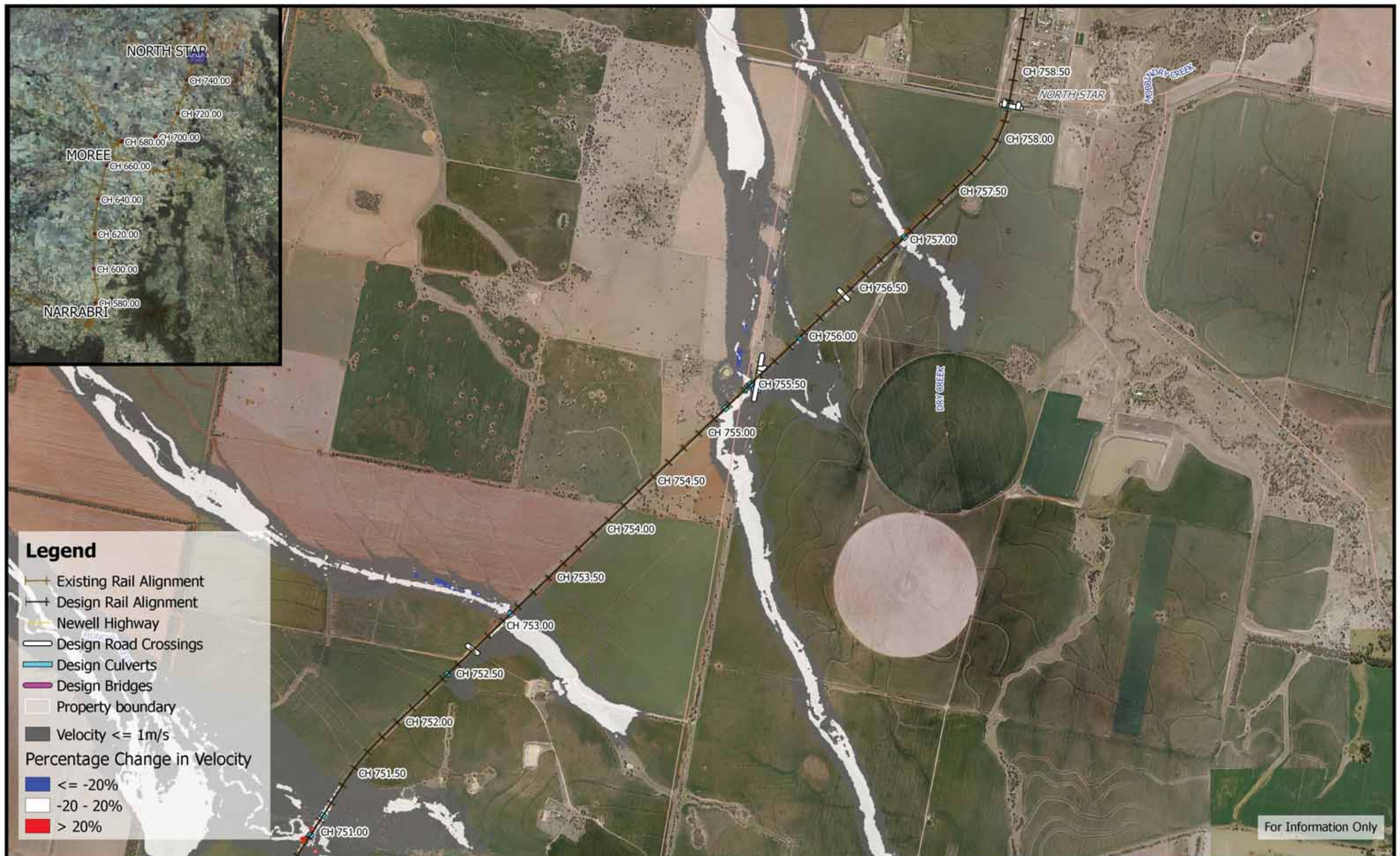
	<p>250 0 250 500 750 1000 m</p> <p>1:25,000</p> <p>Coordinate system: GDA94 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3</p>	<p>wsp M M</p> <p>MOTT MACDONALD</p>	<p>Date: 22/5/2019</p> <p>Rev A: For Information Only</p> <p>Prepared By: StephensK</p>	<p>Inland Rail - Narrabri to North Star IFC - Flood Study for Separable Portion 1</p> <p>Figure DE0.05VC33 <i>0.05% AEP Percentage Change In Velocity - CH 735.00</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>wsp M M</p> <p>MOTT MACDONALD</p>	<p>Date: 22/5/2019</p> <p>Rev A: For Information Only</p> <p>Prepared By: StephensK</p>	<p>Inland Rail - Narrabri to North Star IFC - Flood Study for Separable Portion 1</p> <p>Figure DE0.05VC36 <i>0.05% AEP Percentage Change In Velocity - CH 750.00</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: 22/5/2019</p> <p>Rev A: For Information Only</p> <p>Prepared By: StephensK</p>	<p>Inland Rail - Narrabri to North Star IFC - Flood Study for Separable Portion 1</p> <p>Figure DE0.05VC37 <i>0.05% AEP Percentage Change In Velocity - CH 755.00</i></p>
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