

Appendix B

Existing Conditions Flood Maps

B1 - Existing Flood Depth 39% AEP

B2 – Existing Flood Depth 10% AEP

B3 – Existing Flood Depth 1% AEP

B4 – Existing Flood Velocity 39% AEP

B5 – Existing Flood Velocity 10% AEP

B6 – Existing Flood Velocity 1% AEP

B7 – Existing Flood Duration 39% AEP

B8 – Existing Flood Duration 10% AEP

B9 – Existing Flood Duration 1% AEP





			Date: 18/10/2018	Parkes to Narromine DD100% - Cross Drainage Flood Impact Assessment Results Figure EX1L1 1% AEP Existing Flood Depths and Levels - CH 450.00
	Coordinate system: GDA 1994 MGA Zone 55 Scale ratio correct when printed at A3		Rev: B	
	Prepared By: YeohM			



Legend

- Rail Alignment
- Newell Hwy Upgrade
- Existing Culverts
- Existing Bridges
- Existing Flood Contours (m AHD)

Existing Flood Depth (m):

- <= 0.5
- 0.5 - 1.0
- 1.0 - 1.5
- 1.5 - 2.0
- > 2.0

	<p>1:25,000</p> <p>Coordinate system: GDA 1994 MGA Zone 55 Scale ratio correct when printed at A3</p>		<p>Date: 18/10/2018</p> <p>Rev: B</p> <p>Prepared By: YeohM</p>	<p>Parkes to Narromine</p> <p>DD100% - Cross Drainage Flood Impact Assessment Results</p> <p>Figure EX1L2</p> <p>1% AEP Existing Flood Depths and Levels - CH 455.00</p>
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Legend

- Rail Alignment
 - Newell Hwy Upgrade
 - Existing Culverts
 - Existing Bridges
 - Existing Flood Contours (m AHD)
- Existing Flood Depth (m):
- <= 0.5
 - 0.5 - 1.0
 - 1.0 - 1.5
 - 1.5 - 2.0
 - > 2.0



0 250 500 750 1000 m
1:25,000

Coordinate system: GDA 1994 MGA Zone 55
Scale ratio correct when printed at A3



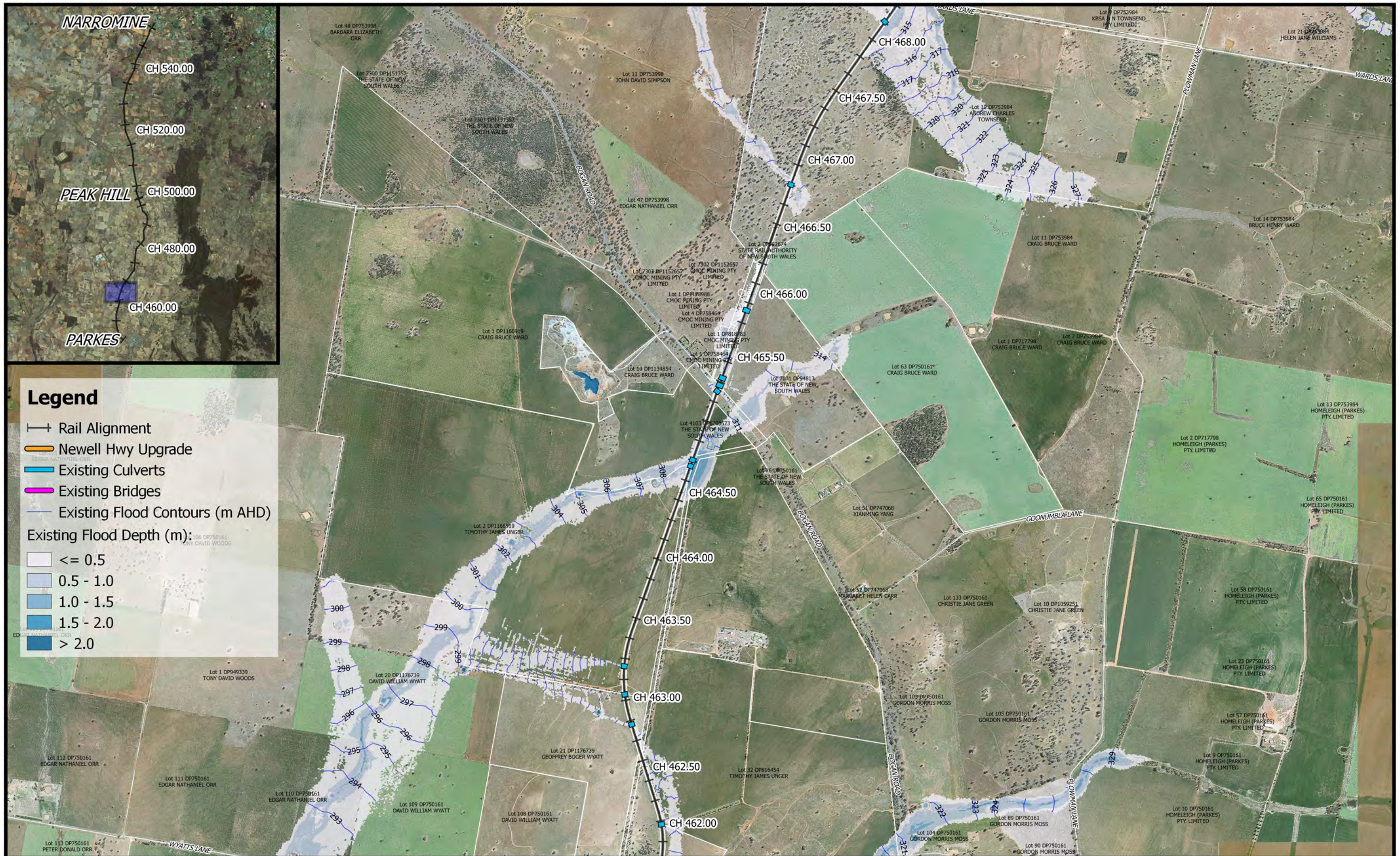
Date: 9/7/2018

Rev: A

Prepared By: WhiteleyD

Parkes to Narromine
DD100% - Cross Drainage Flood Impact Assessment Results

Figure EX1L3
1% AEP Existing Flood Depths and Levels - CH 460.00



Legend

- Rail Alignment
 - Newell Hwy Upgrade
 - Existing Culverts
 - Existing Bridges
 - Existing Flood Contours (m AHD)
- Existing Flood Depth (m):
- <= 0.5
 - 0.5 - 1.0
 - 1.0 - 1.5
 - 1.5 - 2.0
 - > 2.0


Date: 9/7/2018

Rev: A


Prepared By: WhiteleyD

Parkes to Narromine
DD100% - Cross Drainage Flood Impact Assessment Results

Figure EX1L4
1% AEP Existing Flood Depths and Levels - CH 465.00




0 250 500 750 1000 m



1:25,000

Coordinate system: GDA 1994 MGA Zone 55
Scale ratio correct when printed at A3





Legend

- Rail Alignment
 - Newell Hwy Upgrade
 - Existing Culverts
 - Existing Bridges
 - Existing Flood Contours (m AHD)
- Existing Flood Depth (m):
- <= 0.5
 - 0.5 - 1.0
 - 1.0 - 1.5
 - 1.5 - 2.0
 - > 2.0

	<p>0 250 500 750 1000 m</p> <p>1:25,000</p> <p>Coordinate system: GDA 1994 MGA Zone 55 Scale ratio correct when printed at A3</p>		Date: 9/7/2018	<p>Parkes to Narromine DD100% - Cross Drainage Flood Impact Assessment Results</p> <p>Figure EX1L5 <i>1% AEP Existing Flood Depths and Levels - CH 470.00</i></p>
	Rev: A			
	Prepared By: WhiteleyD			

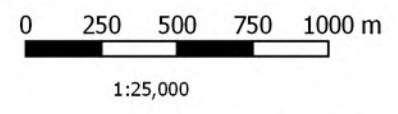


Legend

- Rail Alignment
- Newell Hwy Upgrade
- Existing Culverts
- Existing Bridges
- Existing Flood Contours (m AHD)

Existing Flood Depth (m):

- ≤ 0.5
- 0.5 - 1.0
- 1.0 - 1.5
- 1.5 - 2.0
- > 2.0



Coordinate system: GDA 1994 MGA Zone 55
Scale ratio correct when printed at A3



Date: 9/7/2018
Rev: A
Prepared By: WhiteleyD

Parkes to Narromine
DD100% - Cross Drainage Flood Impact Assessment Results

Figure EX1L6
1% AEP Existing Flood Depths and Levels - CH 472.00

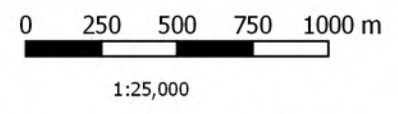


Legend

- Rail Alignment
- Newell Hwy Upgrade
- Existing Culverts
- Existing Bridges
- Existing Flood Contours (m AHD)

Existing Flood Depth (m):

- <= 0.5
- 0.5 - 1.0
- 1.0 - 1.5
- 1.5 - 2.0
- > 2.0



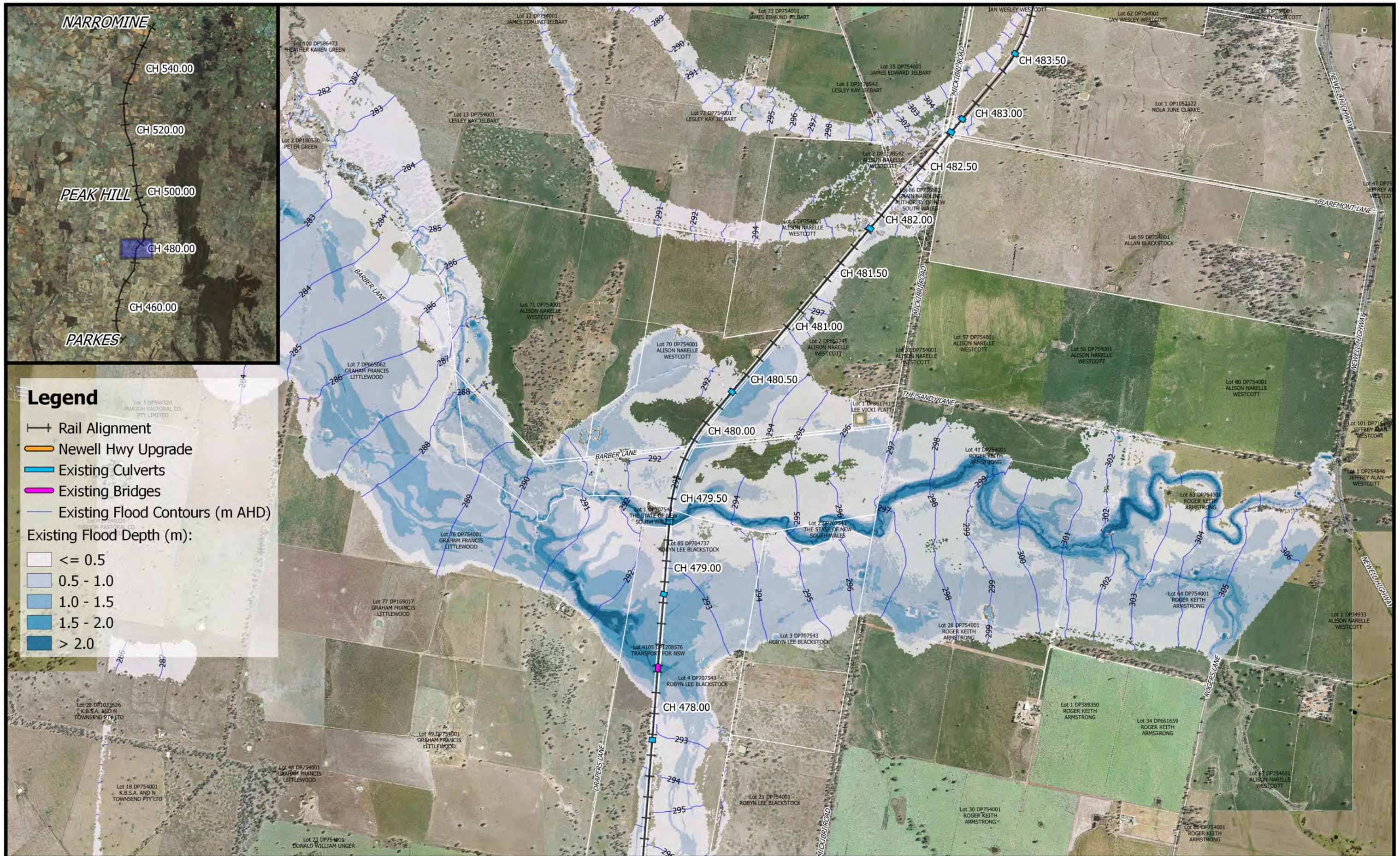
Coordinate system: GDA 1994 MGA Zone 55
Scale ratio correct when printed at A3



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Parkes to Narromine
DD100% - Cross Drainage Flood Impact Assessment Results

Figure EX1L7
1% AEP Existing Flood Depths and Levels - CH 475.00



Legend

- Rail Alignment
 - Newell Hwy Upgrade
 - Existing Culverts
 - Existing Bridges
 - Existing Flood Contours (m AHD)
- Existing Flood Depth (m):
- <= 0.5
 - 0.5 - 1.0
 - 1.0 - 1.5
 - 1.5 - 2.0
 - > 2.0

Date: 9/7/2018
 Rev: A
 Prepared By: WhiteleyD

Parkes to Narromine
 DD100% - Cross Drainage Flood Impact Assessment Results

Figure EX1L8
 1% AEP Existing Flood Depths and Levels - CH 480.00

0 250 500 750 1000 m

1:25,000

Coordinate system: GDA 1994 MGA Zone 55
 Scale ratio correct when printed at A3



	 1:25,000 Coordinate system: GDA 1994 MGA Zone 55 Scale ratio correct when printed at A3		Date: 9/7/2018	Parkes to Narromine DD100% - Cross Drainage Flood Impact Assessment Results Figure EX1L9 1% AEP Existing Flood Depths and Levels - CH 485.00
			Rev: A	
			Prepared By: WhiteleyD	



Legend

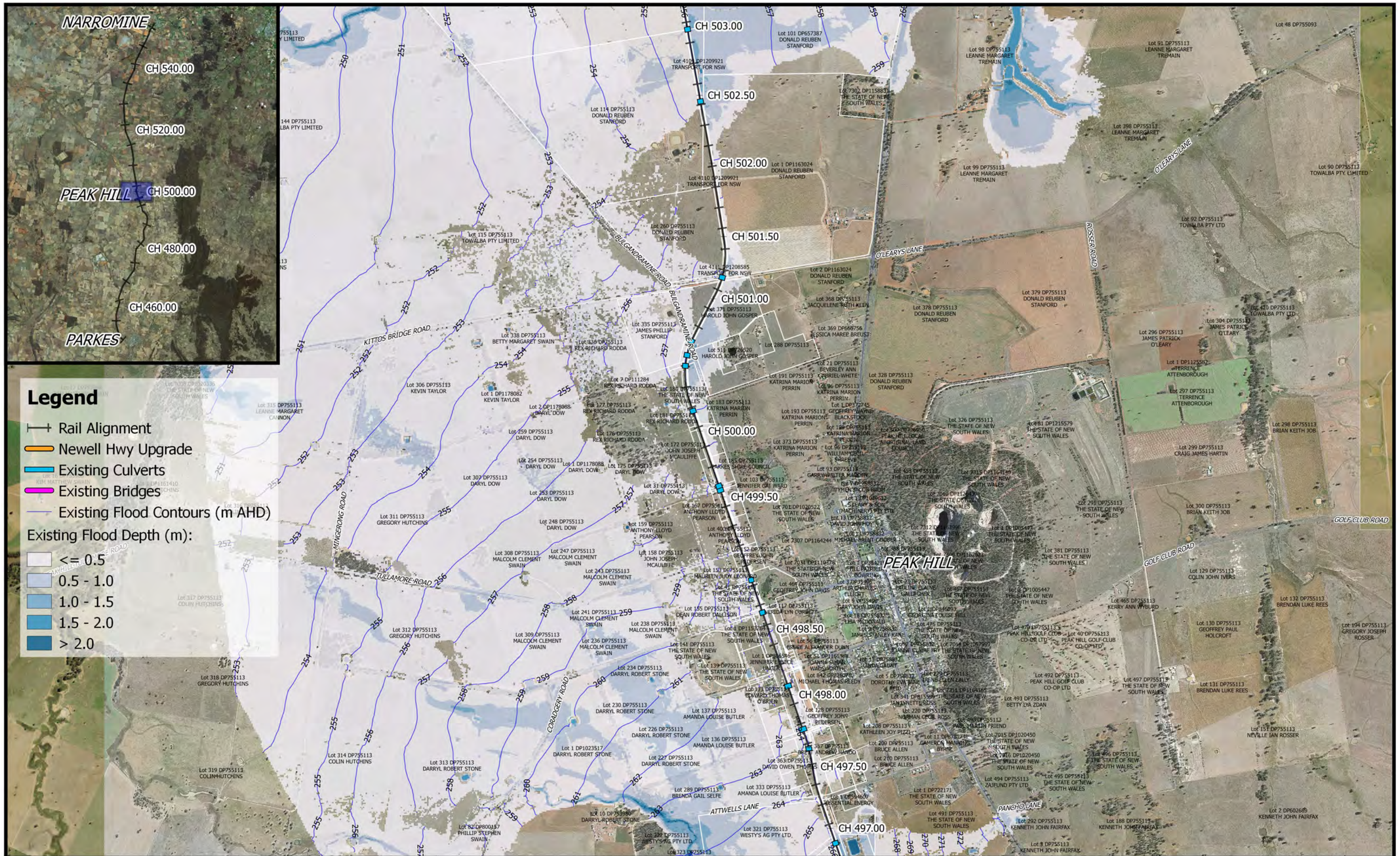
- Rail Alignment
- Newell Hwy Upgrade
- Existing Culverts
- Existing Bridges
- Existing Flood Contours (m AHD)

Existing Flood Depth (m):

- <= 0.5
- 0.5 - 1.0
- 1.0 - 1.5
- 1.5 - 2.0
- > 2.0

	<p>1:25,000</p>		Date: 9/7/2018	<p>Parkes to Narromine DD100% - Cross Drainage Flood Impact Assessment Results</p> <p>Figure EX1L11 <i>1% AEP Existing Flood Depths and Levels - CH 492.00</i></p>
	Coordinate system: GDA 1994 MGA Zone 55 Scale ratio correct when printed at A3		Rev: A	
	Prepared By: WhiteleyD			



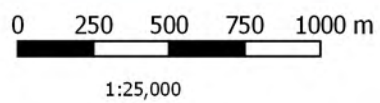


Legend

- Rail Alignment
- Newell Hwy Upgrade
- Existing Culverts
- Existing Bridges
- Existing Flood Contours (m AHD)

Existing Flood Depth (m):

- <= 0.5
- 0.5 - 1.0
- 1.0 - 1.5
- 1.5 - 2.0
- > 2.0



1:25,000

Coordinate system: GDA 1994 MGA Zone 55
Scale ratio correct when printed at A3



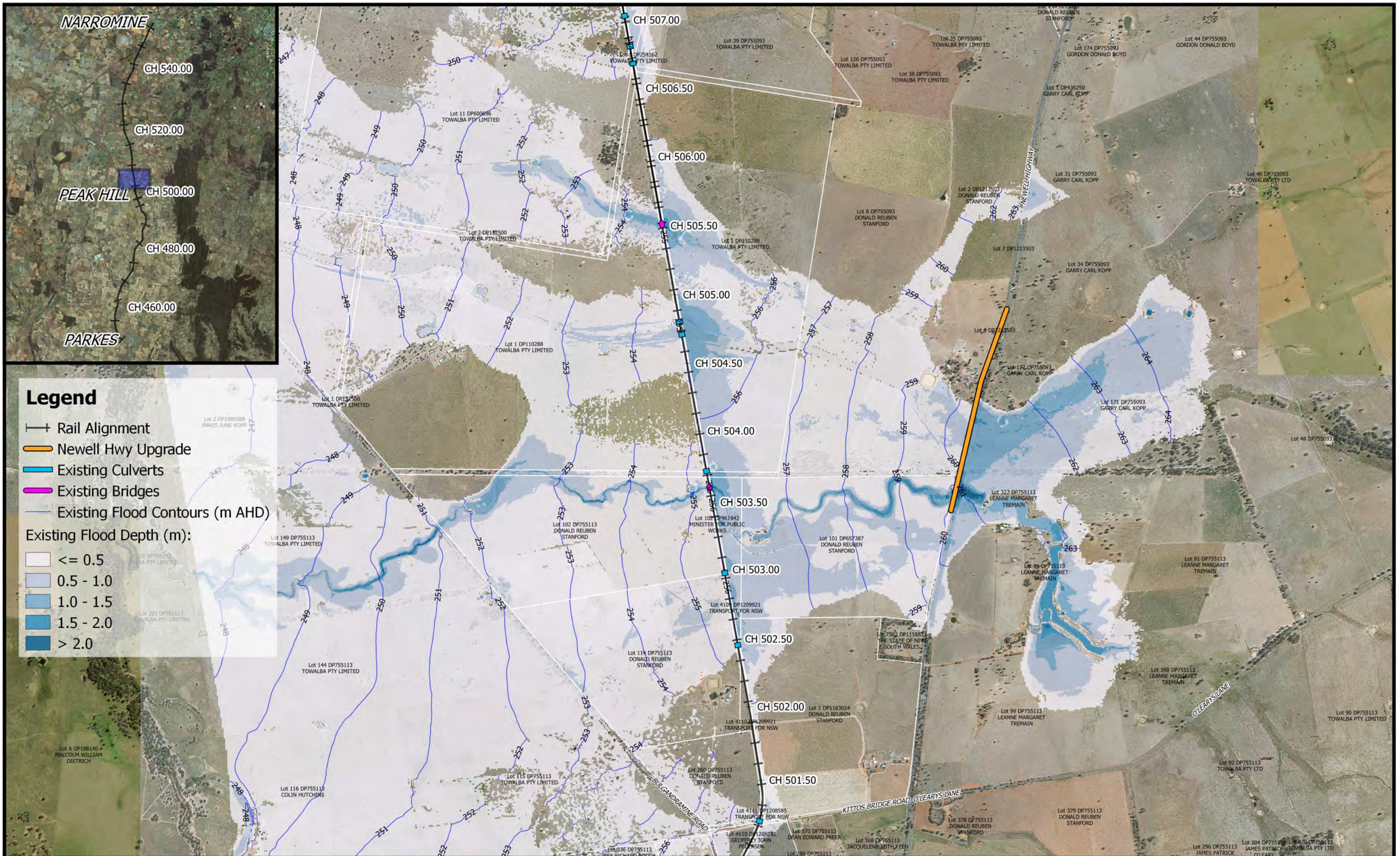
Date: 9/7/2018

Rev: A

Prepared By: WhiteleyD

Parkes to Narromine
DD100% - Cross Drainage Flood Impact Assessment Results

Figure EX1L13
1% AEP Existing Flood Depths and Levels - CH 500.00



	<p>1:25,000</p> <p>Coordinate system: GDA 1994 MGA Zone 55 Scale ratio correct when printed at A3</p>		Date: 9/7/2018	Parkes to Narromine DD100% - Cross Drainage Flood Impact Assessment Results Figure EX1L14 <i>1% AEP Existing Flood Depths and Levels - CH 505.00</i>
			Rev: A	
			Prepared By: WhiteleyD	



Legend

- Rail Alignment
 - Newell Hwy Upgrade
 - Existing Culverts
 - Existing Bridges
 - Existing Flood Contours (m AHD)
- Existing Flood Depth (m):
- <= 0.5
 - 0.5 - 1.0
 - 1.0 - 1.5
 - 1.5 - 2.0
 - > 2.0

Date: 9/7/2018

Rev: A

Prepared By: WhiteleyD

Parkes to Narromine
DD100% - Cross Drainage Flood Impact Assessment Results

Figure EX1L15
1% AEP Existing Flood Depths and Levels - CH 510.00



0 250 500 750 1000 m
1:25,000

Coordinate system: GDA 1994 MGA Zone 55
Scale ratio correct when printed at A3

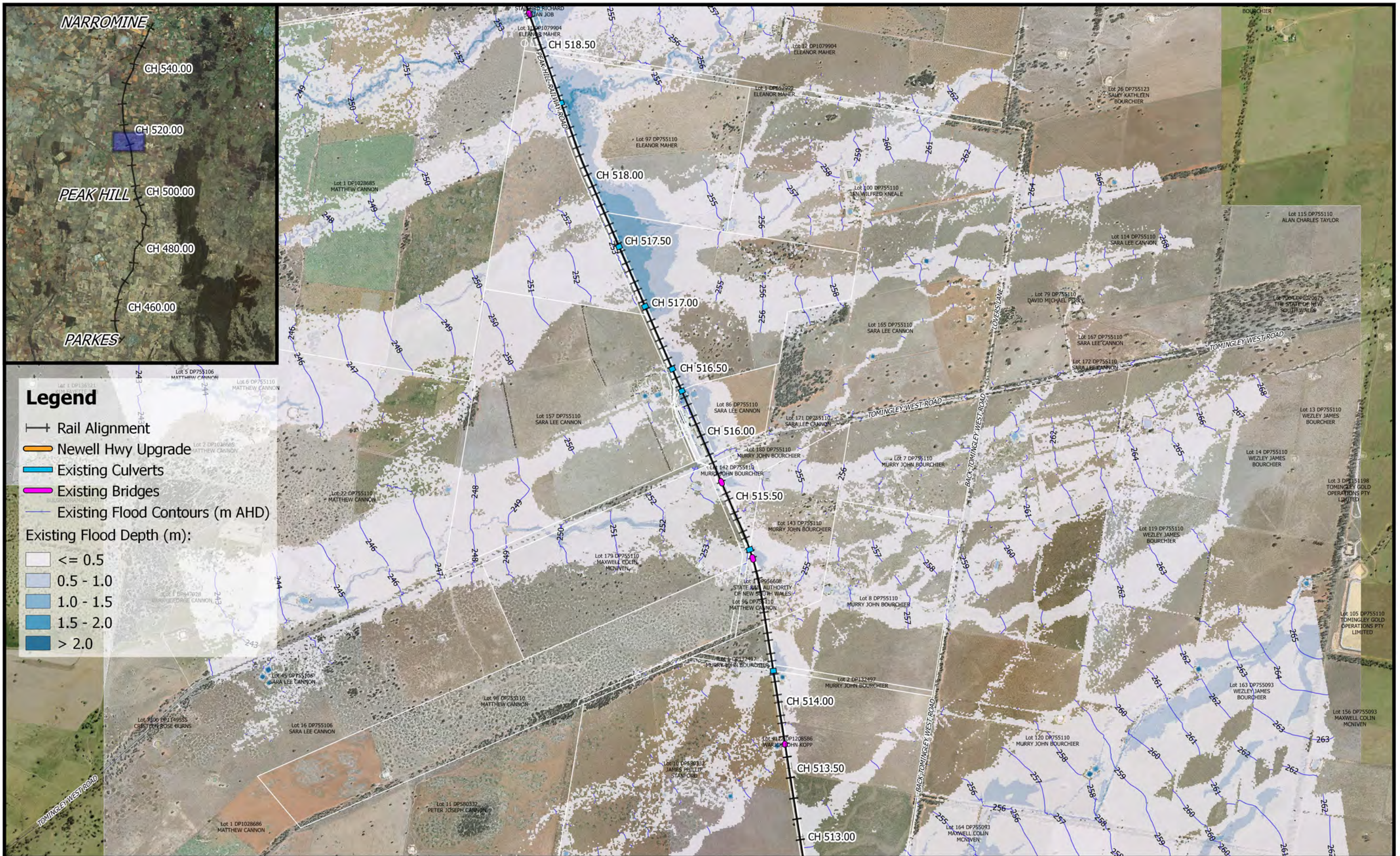




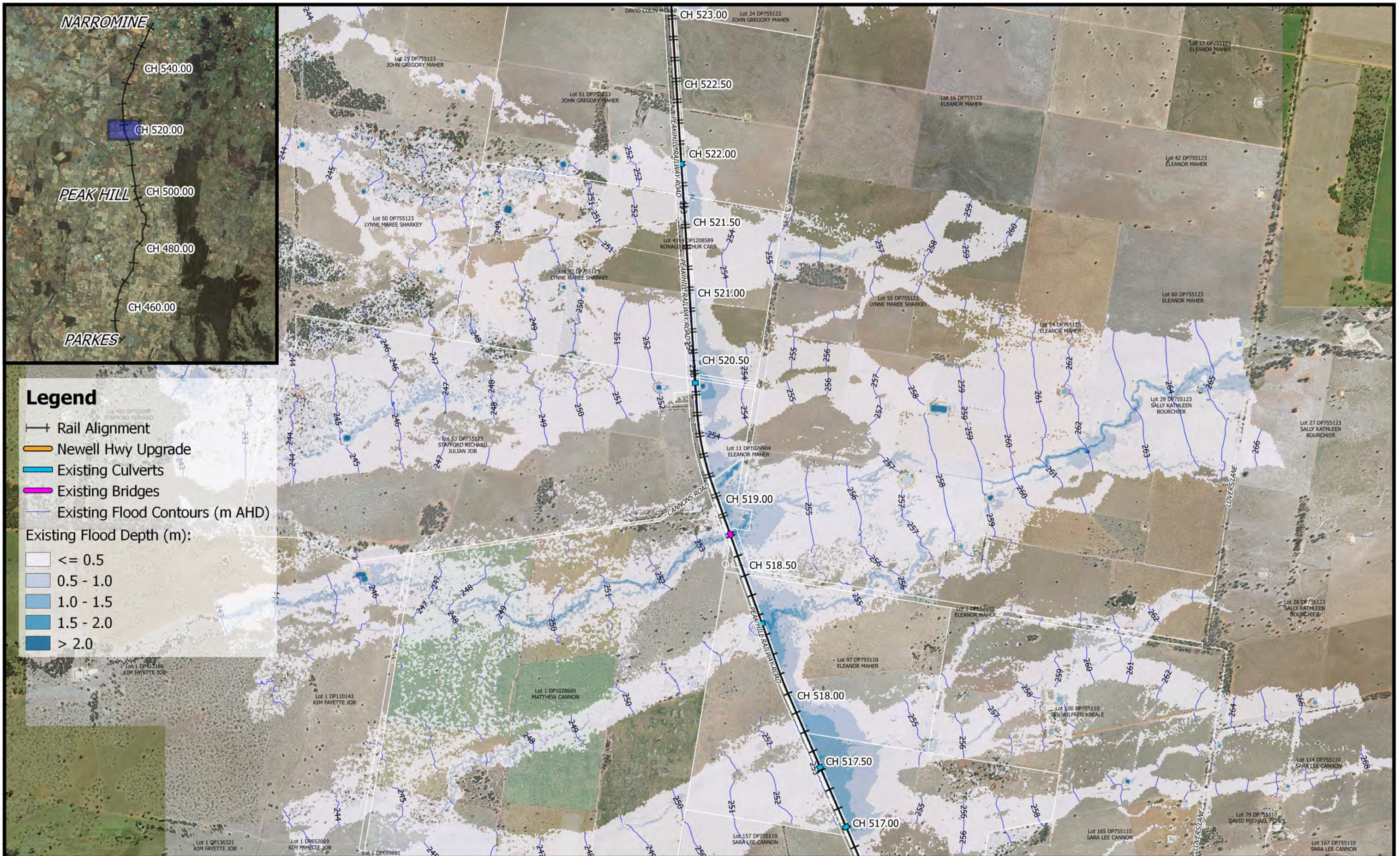
Legend

- Rail Alignment
 - Newell Hwy Upgrade
 - Existing Culverts
 - Existing Bridges
 - Existing Flood Contours (m AHD)
- Existing Flood Depth (m):
- ≤ 0.5
 - 0.5 - 1.0
 - 1.0 - 1.5
 - 1.5 - 2.0
 - > 2.0

	<p>1:25,000</p> <p>Coordinate system: GDA 1994 MGA Zone 55 Scale ratio correct when printed at A3</p>		Date: 9/7/2018	<p>Parkes to Narromine DD100% - Cross Drainage Flood Impact Assessment Results</p> <p>Figure EX1L16 <i>1% AEP Existing Flood Depths and Levels - CH 512.00</i></p>
	Rev: A		Prepared By: WhiteleyD	



	<p>1:25,000</p> <p>Coordinate system: GDA 1994 MGA Zone 55 Scale ratio correct when printed at A3</p>		Date: 9/7/2018	Parkes to Narromine DD100% - Cross Drainage Flood Impact Assessment Results Figure EX1L17 <i>1% AEP Existing Flood Depths and Levels - CH 515.00</i>
			Rev: A	
			Prepared By: WhiteleyD	



Legend

- Rail Alignment
 - Newell Hwy Upgrade
 - Existing Culverts
 - Existing Bridges
 - Existing Flood Contours (m AHD)
- Existing Flood Depth (m):
- <= 0.5
 - 0.5 - 1.0
 - 1.0 - 1.5
 - 1.5 - 2.0
 - > 2.0



0 250 500 750 1000 m
1:25,000

Coordinate system: GDA 1994 MGA Zone 55
Scale ratio correct when printed at A3



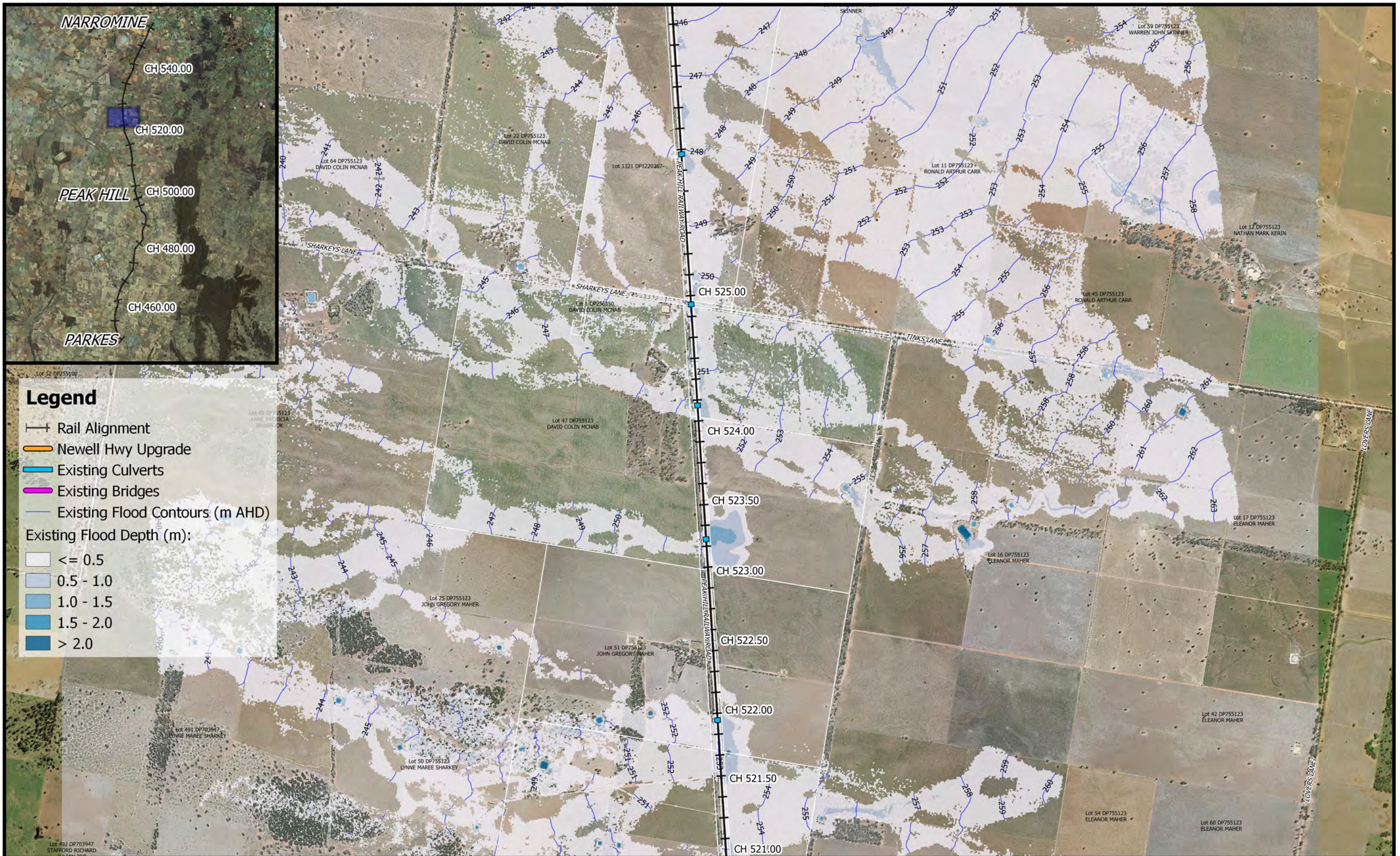
Date: 9/7/2018

Rev: A

Prepared By: WhiteleyD

Parkes to Narromine
DD100% - Cross Drainage Flood Impact Assessment Results

Figure EX1L18
1% AEP Existing Flood Depths and Levels - CH 520.00



Legend

- Rail Alignment
 - Newell Hwy Upgrade
 - Existing Culverts
 - Existing Bridges
 - Existing Flood Contours (m AHD)
- Existing Flood Depth (m):
- <= 0.5
 - 0.5 - 1.0
 - 1.0 - 1.5
 - 1.5 - 2.0
 - > 2.0



0 250 500 750 1000 m
1:25,000

Coordinate system: GDA 1994 MGA Zone 55
Scale ratio correct when printed at A3



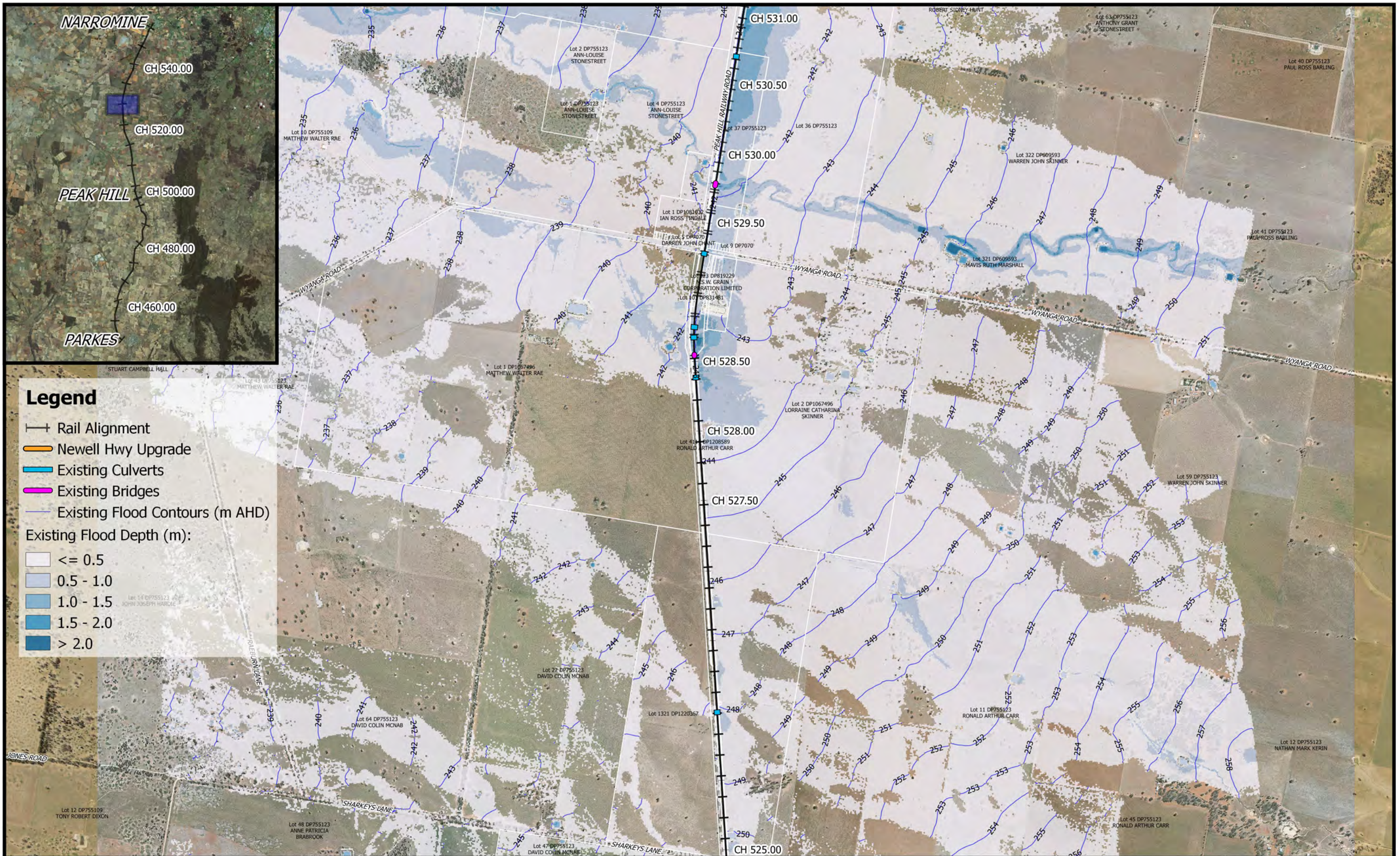
Date: 9/7/2018

Rev: A

Prepared By: WhiteleyD

Parkes to Narromine
DD100% - Cross Drainage Flood Impact Assessment Results

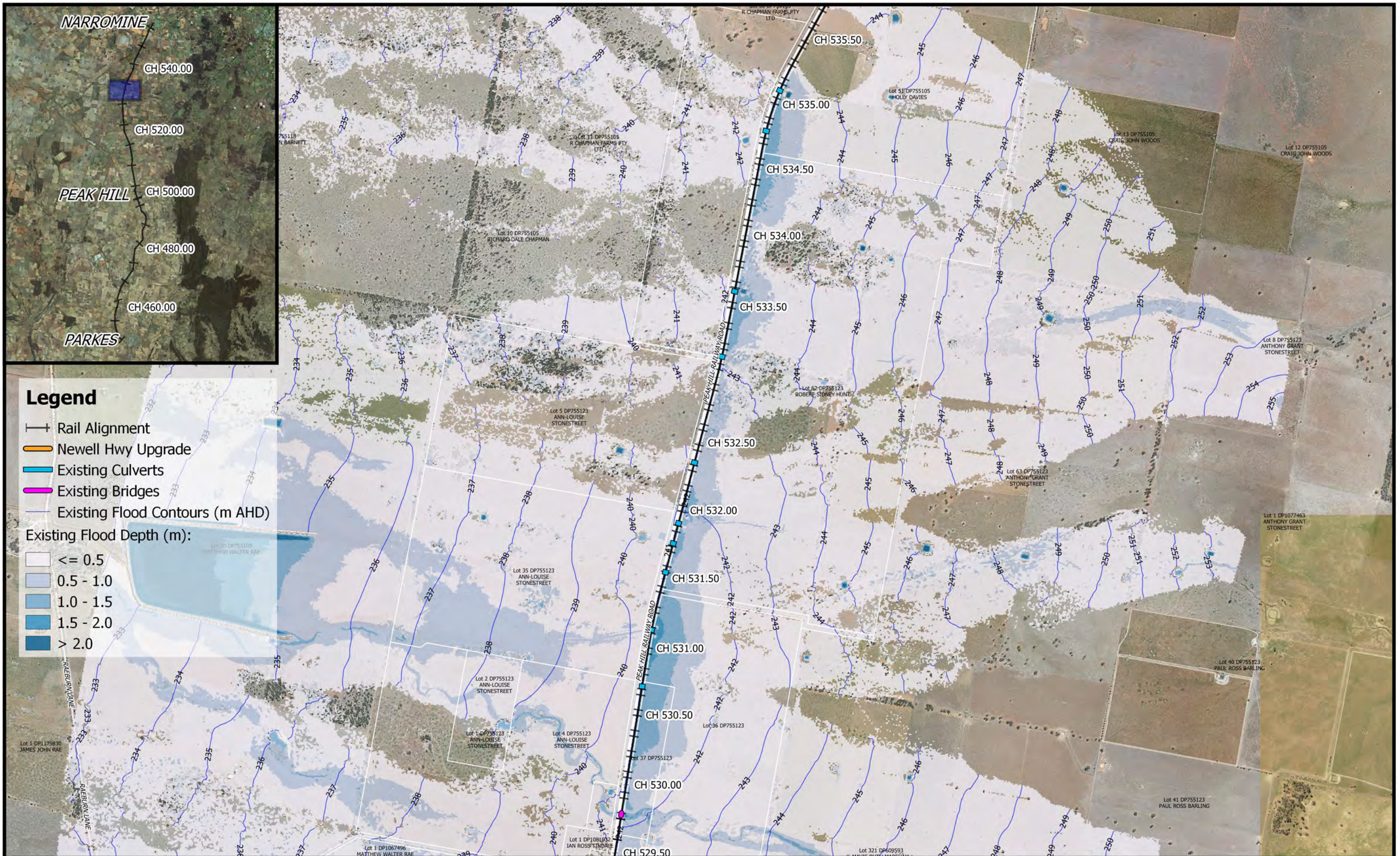
Figure EX1L19
1% AEP Existing Flood Depths and Levels - CH 525.00



Legend

- Rail Alignment
 - Newell Hwy Upgrade
 - Existing Culverts
 - Existing Bridges
 - Existing Flood Contours (m AHD)
- Existing Flood Depth (m):
- <= 0.5
 - 0.5 - 1.0
 - 1.0 - 1.5
 - 1.5 - 2.0
 - > 2.0

	<p>0 250 500 750 1000 m</p> <p>1:25,000</p> <p>Coordinate system: GDA 1994 MGA Zone 55 Scale ratio correct when printed at A3</p>		<p>Date: 9/7/2018</p>	<p>Parkes to Narromine DD100% - Cross Drainage Flood Impact Assessment Results</p> <p>Figure EX1L20 <i>1% AEP Existing Flood Depths and Levels - CH 530.00</i></p>
	<p>Rev: A</p>			
	<p>Prepared By: WhiteleyD</p>			



Legend

- Rail Alignment
- Newell Hwy Upgrade
- Existing Culverts
- Existing Bridges
- Existing Flood Contours (m AHD)

Existing Flood Depth (m):

- <= 0.5
- 0.5 - 1.0
- 1.0 - 1.5
- 1.5 - 2.0
- > 2.0

	<p>0 250 500 750 1000 m</p> <p>1:25,000</p> <p>Coordinate system: GDA 1994 MGA Zone 55 Scale ratio correct when printed at A3</p>		Date: 9/7/2018	<p>Parkes to Narromine DD100% - Cross Drainage Flood Impact Assessment Results</p> <p>Figure EX1L21 <i>1% AEP Existing Flood Depths and Levels - CH 533.00</i></p>
	Rev: A			
	Prepared By: WhiteleyD			



Legend

- Rail Alignment
 - Newell Hwy Upgrade
 - Existing Culverts
 - Existing Bridges
 - Existing Flood Contours (m AHD)
- Existing Flood Depth (m):
- <= 0.5
 - 0.5 - 1.0
 - 1.0 - 1.5
 - 1.5 - 2.0
 - > 2.0

	 1:25,000	 M M MOTT MACDONALD	Date: 9/7/2018	Parkes to Narromine DD100% - Cross Drainage Flood Impact Assessment Results Figure EX1L22 <i>1% AEP Existing Flood Depths and Levels - CH 535.00</i>
	Coordinate system: GDA 1994 MGA Zone 55 Scale ratio correct when printed at A3		Rev: A	
	Prepared By: WhiteleyD			



	<p>0 250 500 750 1000 m</p> <p>1:25,000</p> <p>Coordinate system: GDA 1994 MGA Zone 55 Scale ratio correct when printed at A3</p>		Date: 9/7/2018	<p align="right">Parkes to Narromine DD100% - Cross Drainage Flood Impact Assessment Results</p> <p align="right">Figure EX1L23 <i>1% AEP Existing Flood Depths and Levels - CH 540.00</i></p>
			Rev: A	
			Prepared By: WhiteleyD	



	<p>1:25,000</p> <p>Coordinate system: GDA 1994 MGA Zone 55 Scale ratio correct when printed at A3</p>		Date: 9/7/2018	<p align="right">Parkes to Narromine DD100% - Cross Drainage Flood Impact Assessment Results</p> <p align="right">Figure EX1L24 <i>1% AEP Existing Flood Depths and Levels - CH 545.00</i></p>
	Rev: A			
	Prepared By: WhiteleyD			

