



**LEGEND**

<b>Existing features</b>	<b>M4-M5 Link</b>	<b>Proposed landscape and drainage features</b>	<b>Afflux (m)</b>	
Waterway	Project footprint	Surface Road	< -0.5	-0.05 to -0.02
	Model extent	Bioretention facility	-0.5 to -0.1	-0.02 to 0.02
			-0.1 to -0.05	0.02 to 0.05
			0.05 to 0.1	> 0.1
				Land rendered flood free as a result of change
				Additional area of land flooded as a result of change

Figure 6-11 Proposed design conditions flood behaviour – Iron Cove Link - relative flood impact (100 year ARI)





**LEGEND**

<b>Existing features</b>	<b>M4-M5 Link</b>	<b>Proposed landscape and drainage features</b>	<b>Afflux (m)</b>		
Waterway	Project footprint	Surface Road	< -0.5	-0.05 to -0.02	0.05 to 0.1
	Model extent	Bioretention facility	-0.5 to -0.1	-0.02 to 0.02	>0.1
			-0.1 to -0.05	0.02 to 0.05	Land rendered flood free as a result of change
					Additional area of land flooded as a result of change

Figure 6-12 Proposed design conditions flood behaviour – Iron Cove Link - relative flood impact (PMF)



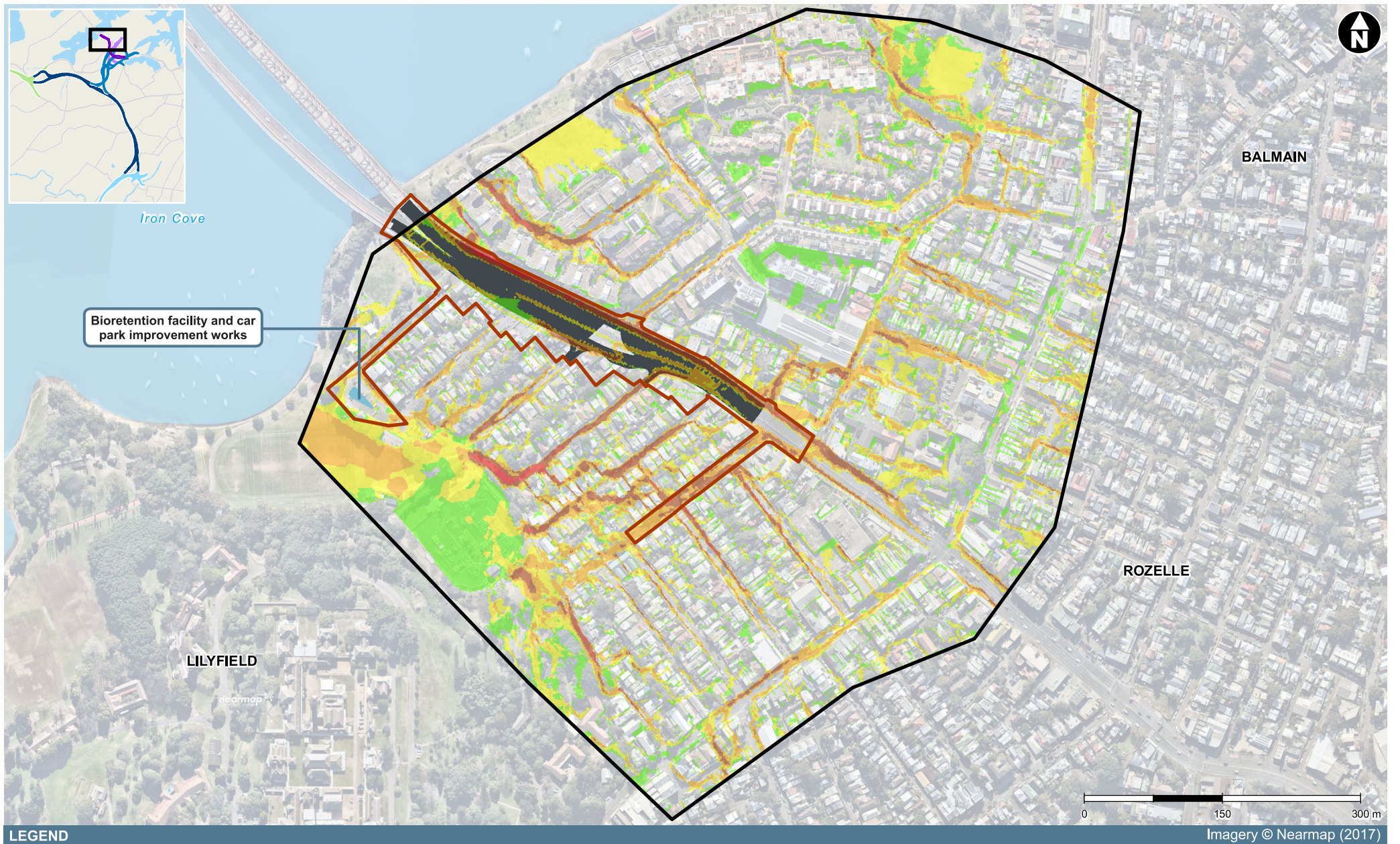


Figure 6-13 Proposed design conditions flood behaviour – Iron Cove Link - peak flow velocities (100 year ARI)





**LEGEND**

<b>Existing features</b>	<b>M4-M5 Link</b>	<b>Proposed landscape and drainage features</b>	<b>Provisional flood hazard</b>
Waterway	Project footprint	Surface Road	High
	Model extent	Bioretention facility	Medium
			Low

Figure 6-14 Proposed design conditions flood behaviour – Iron Cove Link - provisional flood hazard (100 year ARI)





**LEGEND**

<b>Existing features</b>	<b>M4-M5 Link</b>	<b>Peak flood depths (m)</b>
— Waterway	— Project footprint	<0.05
... Light rail	— Model Extent	0.05 to 0.1
Ⓛ Light rail stop		0.1 to 0.25
		0.25 to 0.5
		0.5 to 1.0
		1.0 to 1.5
		1.5 to 2.0
		2.0 to 2.5
		>2.5

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Figure 6-15 Proposed design conditions flood behaviour – Darley Road - peak flood depths (10 year ARI)





Existing features		M4-M5 Link		Peak flood depths (m)					
	Waterway		Project footprint		<math><0.05</math>		0.25 to 0.5		1.5 to 2.0
	Light rail		Model Extent		0.05 to 0.1		0.5 to 1.0		2.0 to 2.5
	Light rail stop				0.1 to 0.25		1.0 to 1.5		>2.5

Figure 6-16 Proposed design conditions flood behaviour – Darley Road - peak flood depths (100 year ARI)

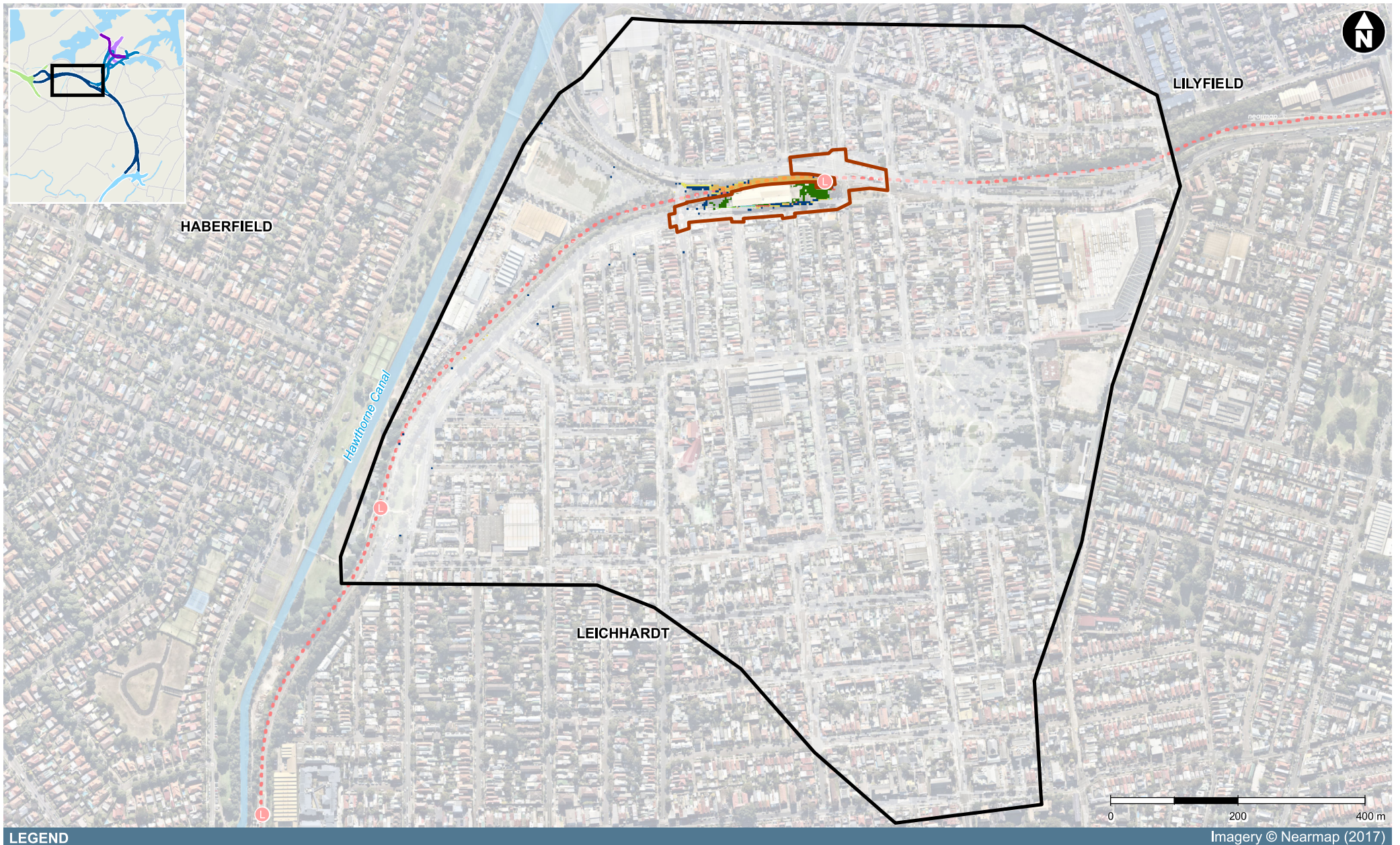




Existing features		M4-M5 Link		Peak flood depths (m)					
	Waterway		Project footprint		<0.05		0.25 to 0.5		1.5 to 2.0
	Light rail		Model Extent		0.05 to 0.1		0.5 to 1.0		2.0 to 2.5
	Light rail stop				0.1 to 0.25		1.0 to 1.5		>2.5

Figure 6-17 Proposed design conditions flood behaviour – Darley Road - peak flood depths (PMF)



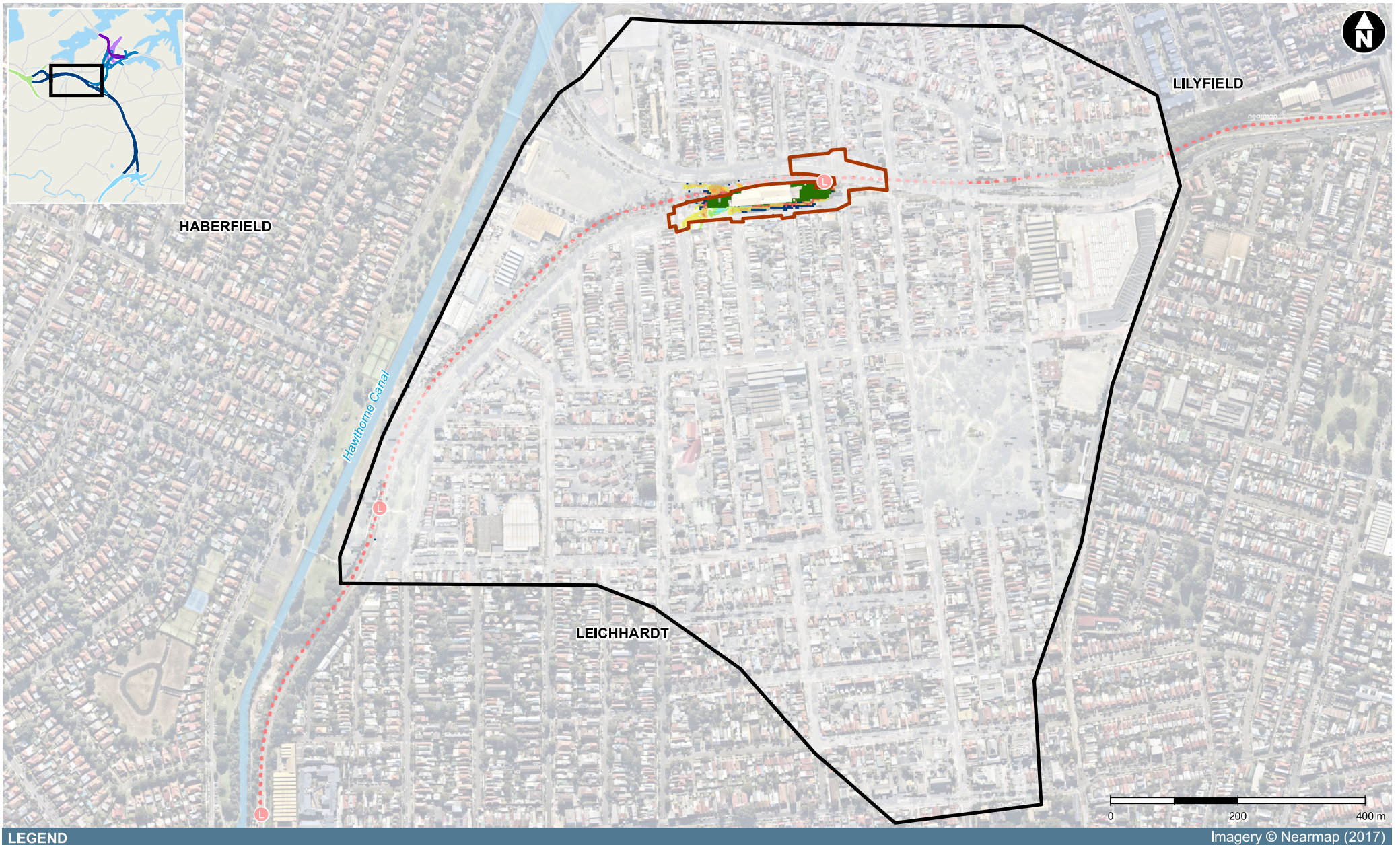


LEGEND

- |                          |                   |                   |              |                                                       |
|--------------------------|-------------------|-------------------|--------------|-------------------------------------------------------|
| <b>Existing features</b> | <b>M4-M5 Link</b> | <b>Afflux (m)</b> |              |                                                       |
| Waterway                 | Project footprint | -0.5 to -0.1      | 0.02 to 0.05 | Land rendered flood free as a result of change        |
| Light rail               | Model Extent      | -0.1 to -0.05     | 0.05 to 0.1  | Additional area of land flooded as a result of change |
| Light rail stop          |                   | -0.05 to -0.02    | >0.1         |                                                       |
|                          |                   | -0.02 to 0.02     |              |                                                       |

Figure 6-18 Proposed design conditions flood behaviour – Darley Road - relative flood impact (100 year ARI)



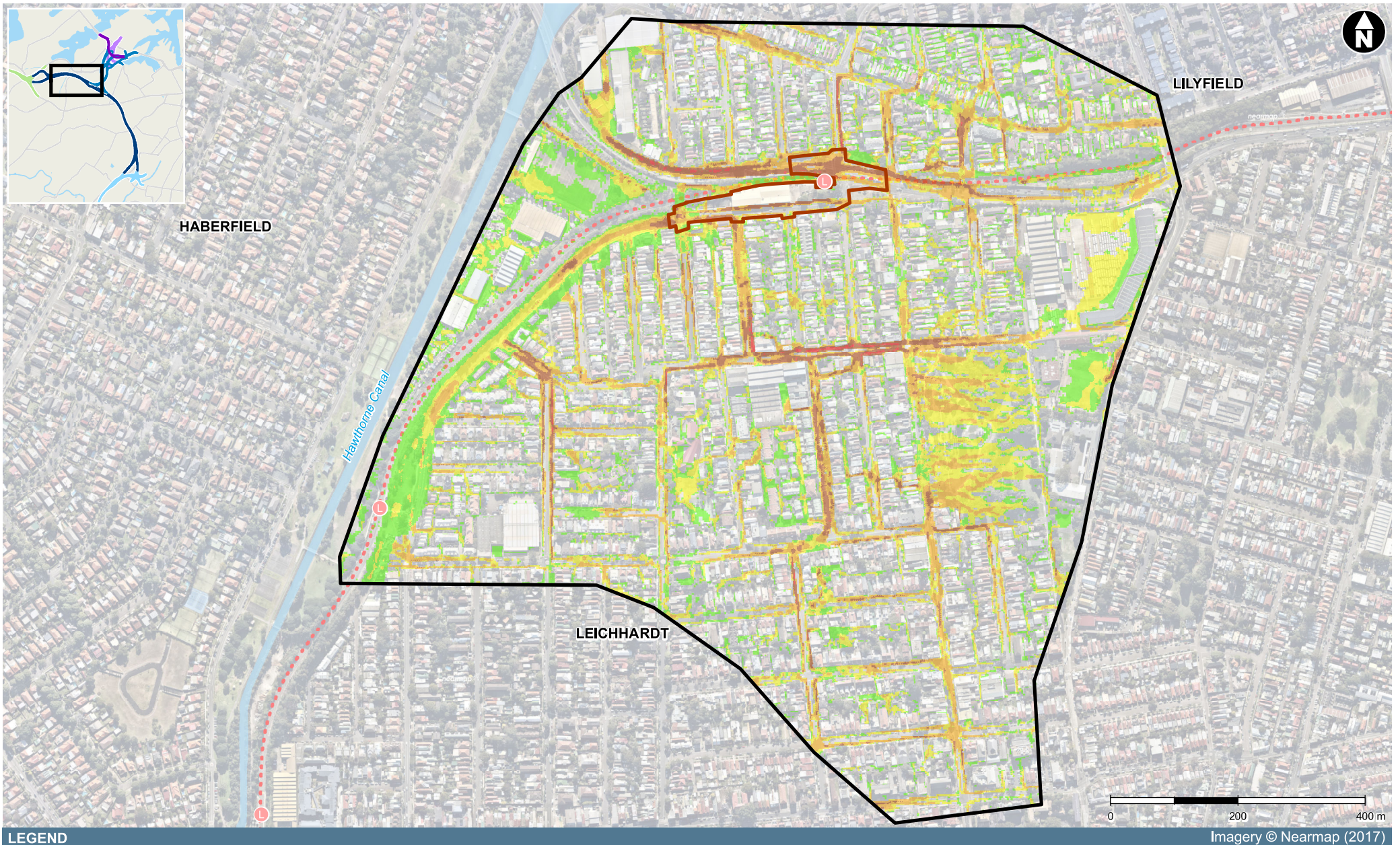


LEGEND

<b>Existing features</b>	<b>M4-M5 Link</b>	<b>Afflux (m)</b>		
Waterway	Project footprint	-0.5 to -0.1	0.02 to 0.05	Land rendered flood free as a result of change
Light rail	Model Extent	-0.1 to -0.05	0.05 to 0.1	Additional area of land flooded as a result of change
Light rail stop		-0.05 to -0.02	>0.1	
		-0.02 to 0.02		

Figure 6-19 Proposed design conditions flood behaviour – Darley Road - relative flood impact (PMF)





Existing features		M4-M5 Link		Provisional flow velocities (m/s)	
	Waterway		Project footprint		0 - 0.2
	Light rail		Model Extent		0.2 - 0.5
	Light rail stop				>2
					0.5 - 1
					1 - 2

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Figure 6-20 Proposed design conditions flood behaviour – Darley Road - peak flow velocities (100 year ARI)