



LEGEND

Site Boundary

Concept Design

Major Watercourses

Railway

Change in Water Level (m)

Newly Flooded

> 0.4

0.25 to 0.4

0.1 to 0.25

0.05 to 0.1

0.02 to 0.05

-0.02 to 0.02

-0.05 to -0.02

-0.1 to -0.05

-0.25 to -0.1

-0.4 to -0.25

< -0.4

No Longer Flooded

MACQUARIE RIVULET 500 YEAR ARI CHANGE IN WATER LEVEL

ALBION PARK RAIL BYPASS
NSW ROADS AND MARITIME SERVICES

1:12,500 @ A3

090180360

Metres

NSW

GOVERNMENT

Transport
Roads & Maritime
Services

Hyder

Cardno

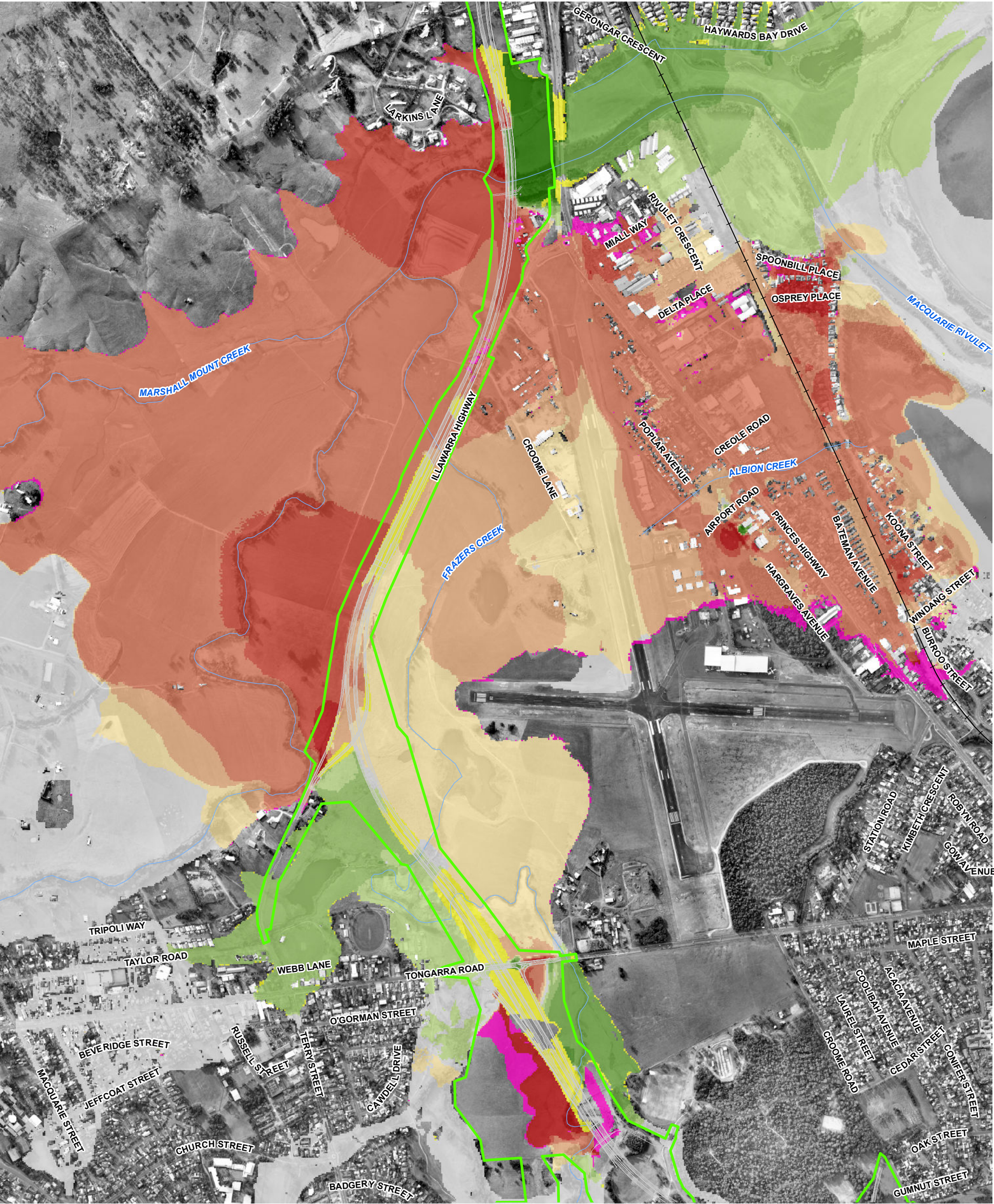
JOINT VENTURE

COORDINATE SYSTEM:
GDA 1994 MGA ZONE 56

REVISION NUMBER: 03
AUTHOR: CL

DATE: JUNE 9, 2017

I:\AUWOLCFS03\Proposals\4898201\4001\0438 to RMS re Albion Park Bypass_CorrestBuild\Project\GIS\WA_0191_APRB_G_03_500y_Impact_RtSv3.mxd



LEGEND

Site Boundary

Concept Design

Major Watercourses

Railway

Change in Water Level (m)

Newly Flooded

> 0.4

0.25 to 0.4

0.1 to 0.25

0.05 to 0.1

0.02 to 0.05

-0.02 to 0.02

-0.05 to -0.02

-0.1 to -0.05

-0.25 to -0.1

-0.4 to -0.25

< -0.4

No Longer Flooded

MACQUARIE RIVULET PMF CHANGE IN WATER LEVEL

ALBION PARK RAIL BYPASS
NSW ROADS AND MARITIME SERVICES

1:12,500 @ A3

0 90 180 360
Metres

COORDINATE SYSTEM:
GDA 1994 MGA ZONE 56

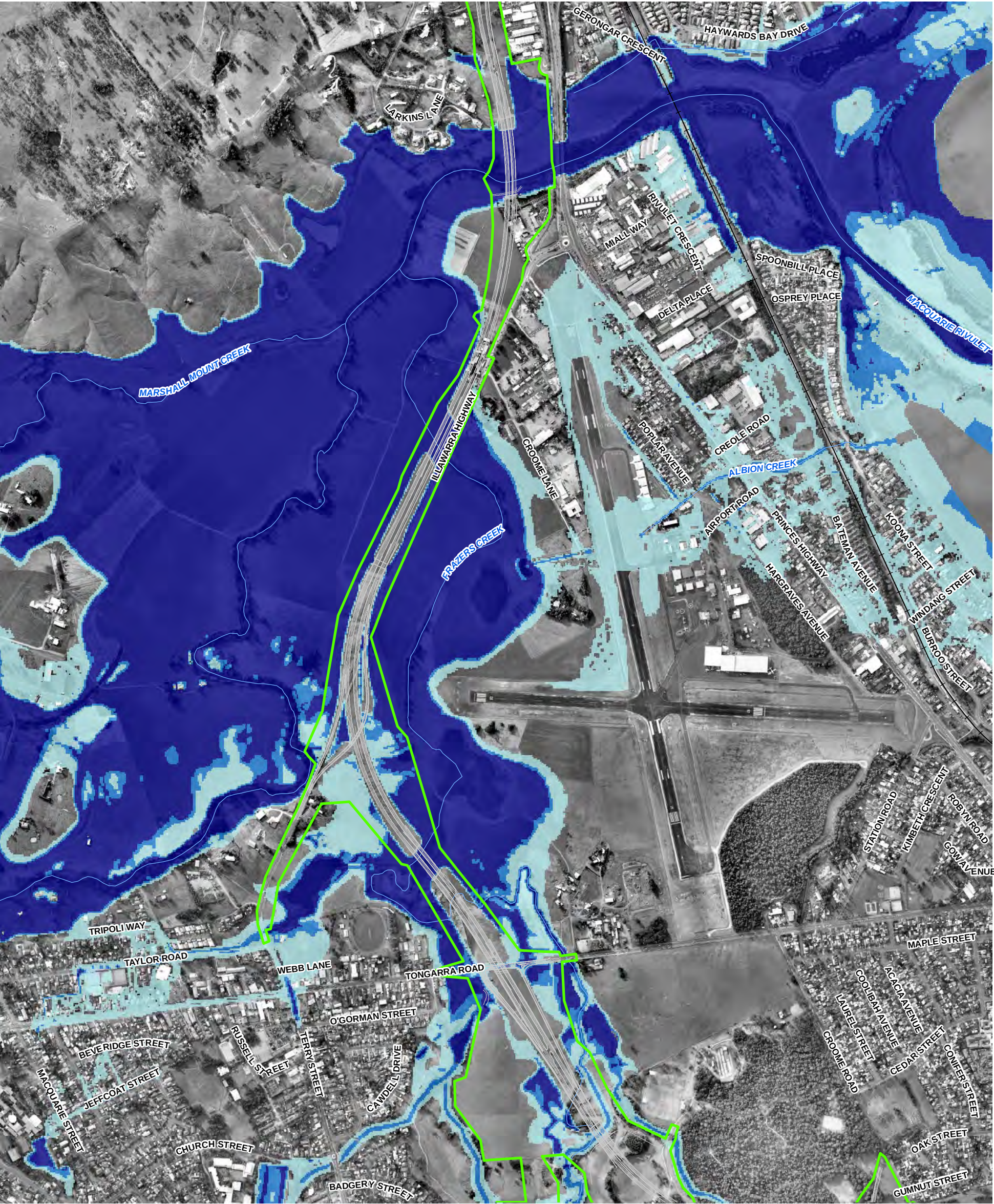
REVISION NUMBER: 03
AUTHOR: CL

DATE: JUNE 13, 2017

NSW
GOVERNMENT

Transport
Roads & Maritime
Services

Hyder **Cardno**
JOINT VENTURE



LEGEND

Site Boundary

Concept Design

Major Watercourses

Railway

Medium

High

Flood Hazard

Low

MACQUARIE RIVULET 100 YEAR ARI FLOOD HAZARD – WITH PROPOSED BYPASS

ALBION PARK RAIL BYPASS
NSW ROADS AND MARITIME SERVICES

1:12,500 @ A3

090180360

Metres

NSW GOVERNMENT

Transport Roads & Maritime Services

Hyder

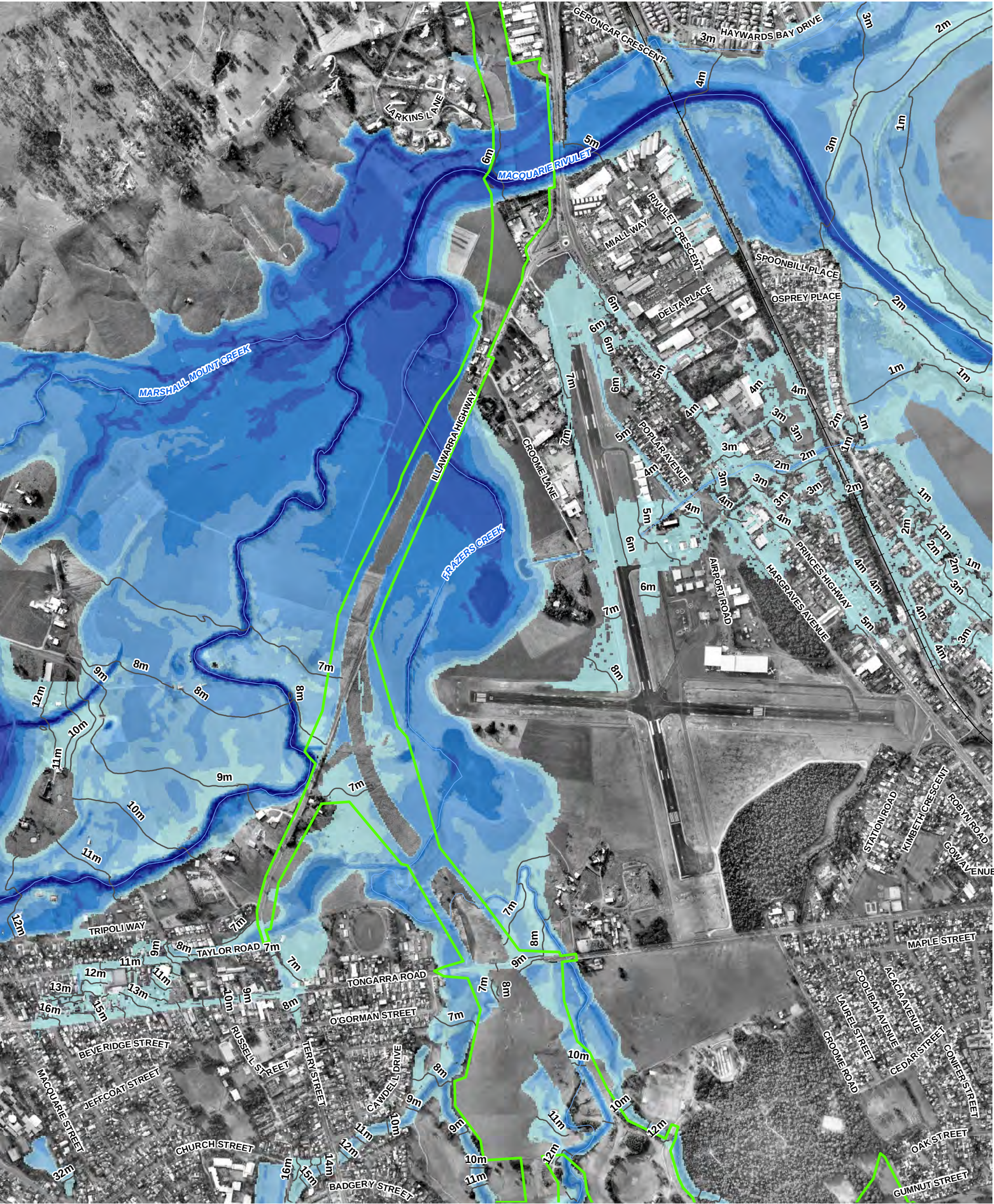
Cardno

JOINT VENTURE

COORDINATE SYSTEM:
GDA 1994 MGA ZONE 56

REVISION NUMBER: 03
AUTHOR: CL

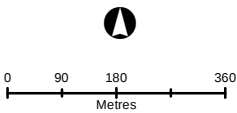
DATE: JUNE 9, 2017



LEGEND

Site Boundary	0.5 - 1
Major Watercourses	1 - 2
Railway	2 - 3
1m Flood Contours	3 - 4
Flood Depth (m)	4 - 5
0 - 0.5	>5

1:12,500 @ A3



MACQUARIE RIVULET 20 YEAR ARI CLIMATE AND LAND USE CHANGE

ALBION PARK RAIL BYPASS
NSW ROADS AND MARITIME SERVICES

COORDINATE SYSTEM:
GDA 1994 MGA ZONE 56

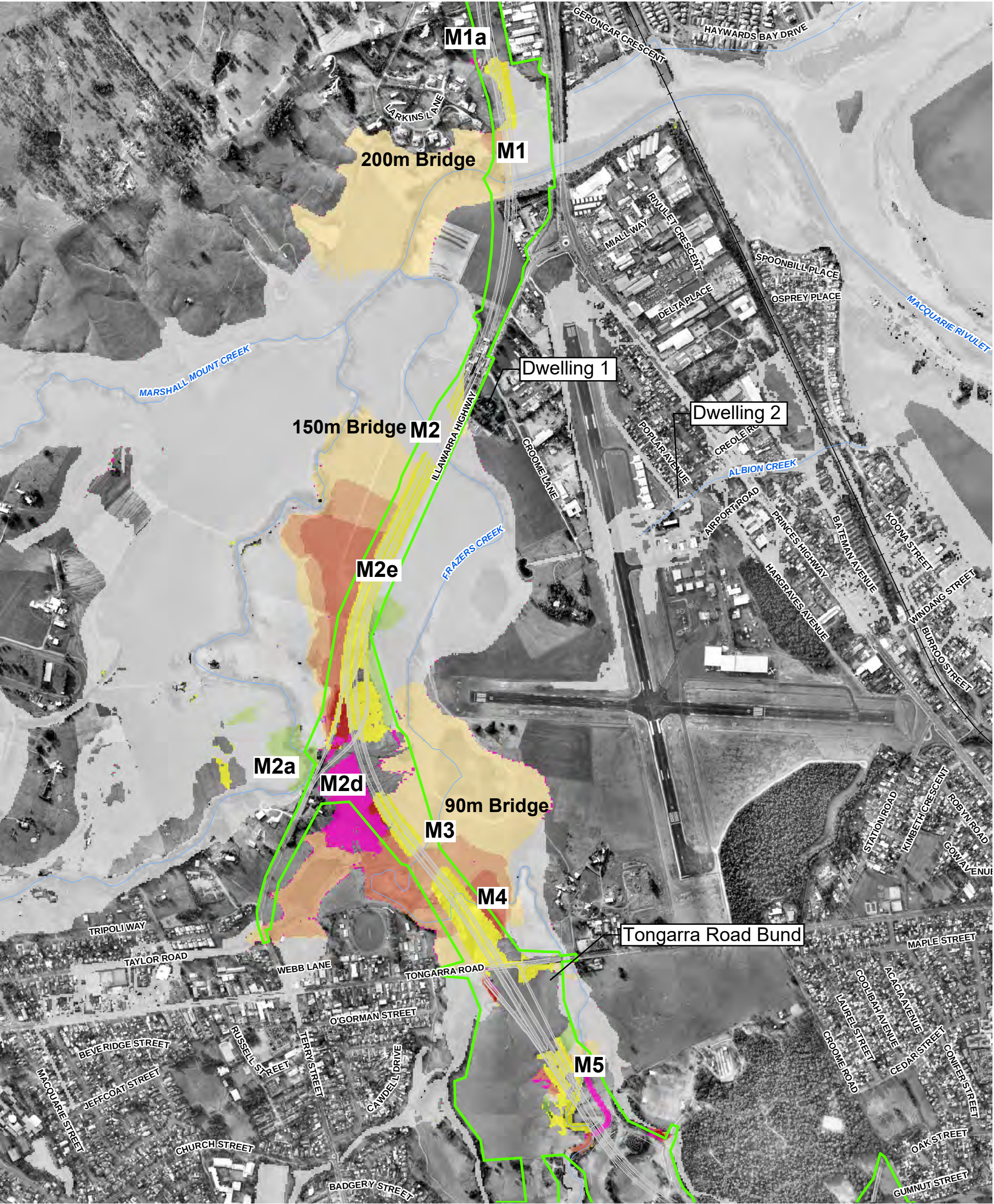
REVISION NUMBER: 03
AUTHOR: CL

DATE: JUNE 9, 2017



APPENDIX B

FLOOD MAPS – FROM 2016 DRAFT MACQUARIE RIVULET FLOOD MODEL

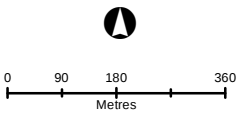


LEGEND

- Site Boundary
- Concept Design
- Major Watercourses
- Railway
- Change in Water Level (m)
- Newly Flooded

> 0.4	-0.05 to -0.02
0.25 to 0.4	-0.1 to -0.05
0.1 to 0.25	-0.25 to -0.1
0.05 to 0.1	-0.4 to -0.25
0.02 to 0.05	< -0.4
-0.02 to 0.02	No Longer Flooded

1:12,500 @ A3

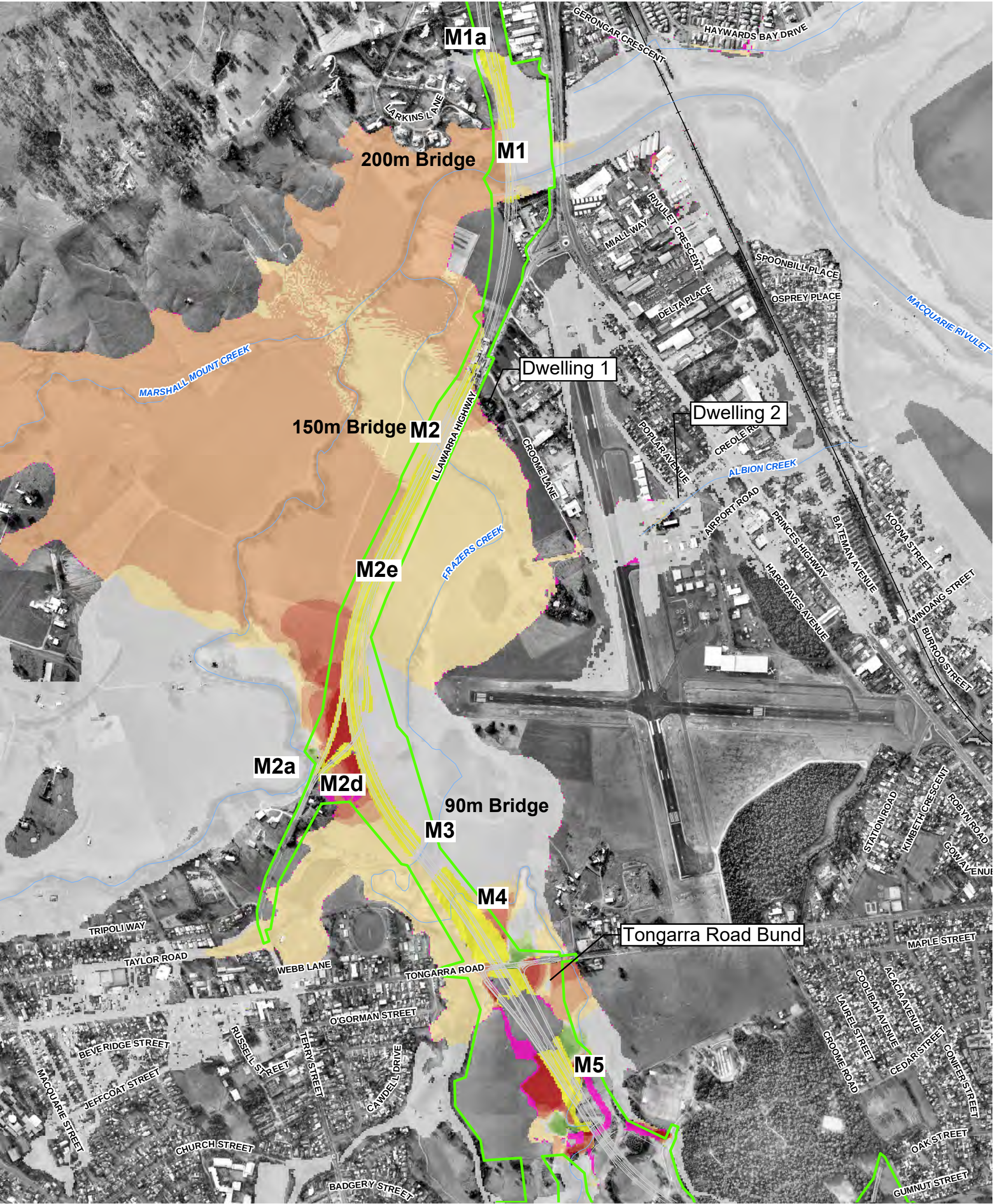


MACQUARIE RIVULET 20 YEAR ARI CHANGE IN WATER LEVEL - DRAFT 2016 FLOOD MODEL

ALBION PARK RAIL BYPASS
NSW ROADS AND MARITIME SERVICES

COORDINATE SYSTEM:
GDA 1994 MGA ZONE 56
REVISION NUMBER: 03
AUTHOR: CL
DATE: JUNE 9, 2017





LEGEND

- | | | |
|----------------------------------|---------------|-------------------|
| Site Boundary | > 0.4 | -0.05 to -0.02 |
| Concept Design | 0.25 to 0.4 | -0.1 to -0.05 |
| Major Watercourses | 0.1 to 0.25 | -0.25 to -0.1 |
| Railway | 0.05 to 0.1 | -0.4 to -0.25 |
| Change in Water Level (m) | 0.02 to 0.05 | < -0.4 |
| Newly Flooded | -0.02 to 0.02 | No Longer Flooded |

MACQUARIE RIVULET 100 YEAR ARI CHANGE IN WATER LEVEL - DRAFT 2016 FLOOD MODEL

ALBION PARK RAIL BYPASS
NSW ROADS AND MARITIME SERVICES

1:12,500 @ A3

0 90 180 360
Metres

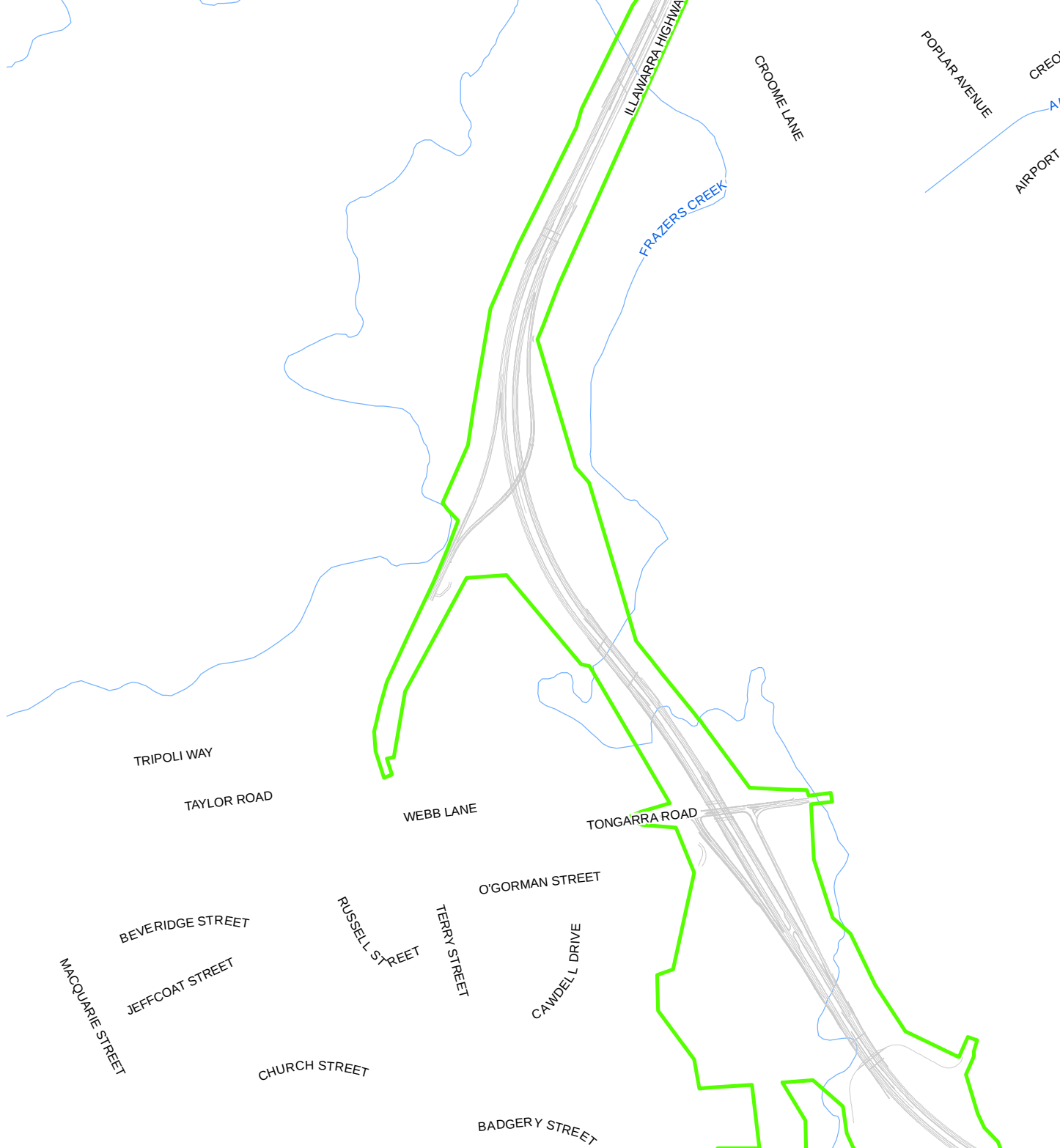
Transport
Roads & Maritime
Services

JOINT VENTURE

COORDINATE SYSTEM:
GDA 1994 MGA ZONE 56

REVISION NUMBER: 03
AUTHOR: CL

DATE: JUNE 9, 2017



LEGEND

Site Boundary	> 0.4	-0.05 to -0.02
Concept Design	0.25 to 0.4	-0.1 to -0.05
Major Watercourses	0.1 to 0.25	-0.25 to -0.1
Railway	0.05 to 0.1	-0.4 to -0.25
Change in Water Level (m)	0.02 to 0.05	< -0.4
Newly Flooded	-0.02 to 0.02	No Longer Flooded

MACQUARIE RIVULET 20 YEAR ARI CHANGE IN WATER LEVEL

ALBION PARK RAIL BYPASS
NSW ROADS AND MARITIME SERVICES

COORDIN
GDA 1994

REVISION

DATE: