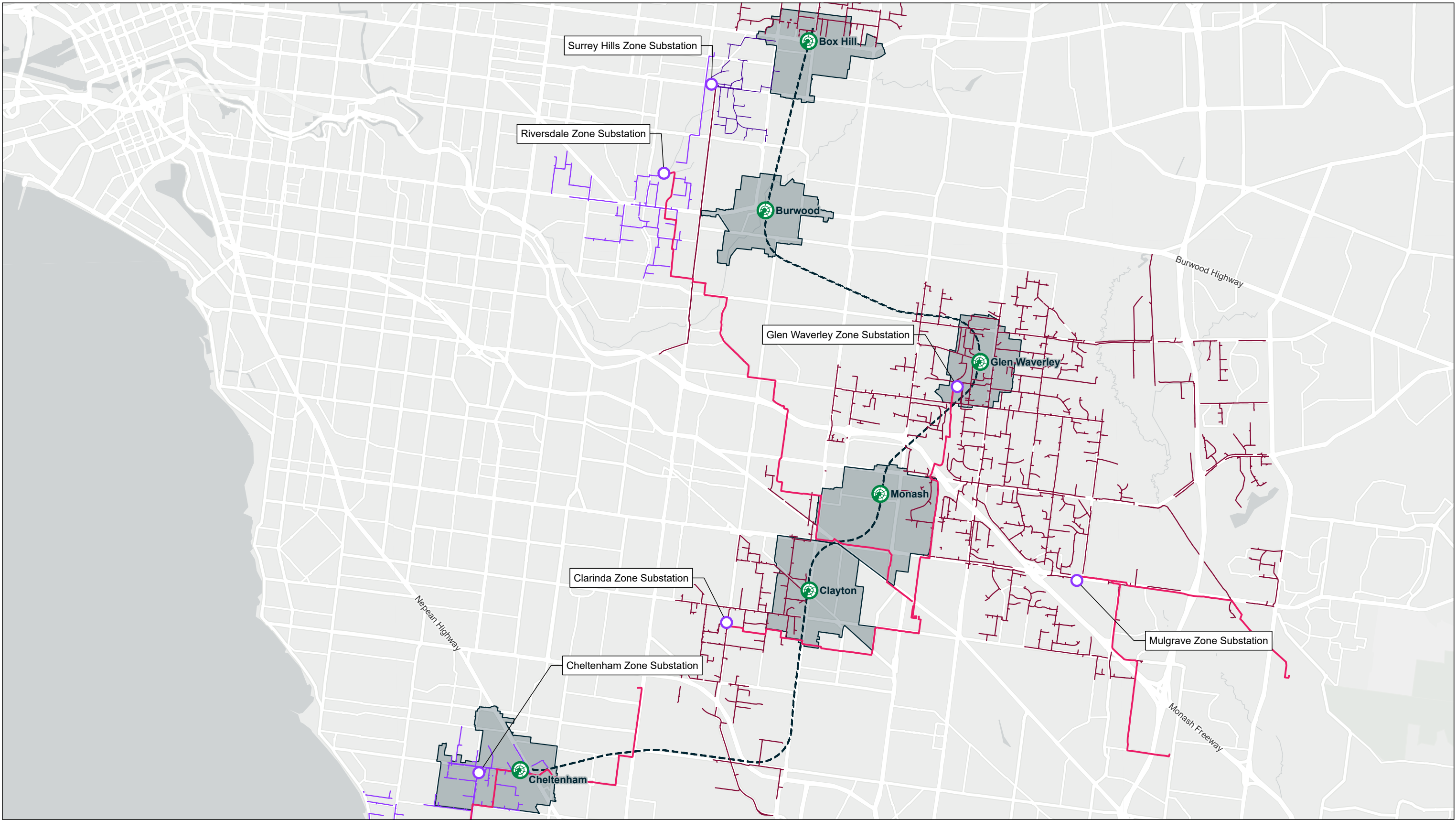


Appendix B
**Existing Structure
Plan Area
conditions
mapping**

Appendix B.1 – Line-wide existing conditions



- Electrical**
- Zone Substation
 - Suburban Rail Loop East Station
 - Suburban Rail Loop East Alignment
 - Structure Plan Area
- High Voltage Line**
- 6.6 kV
 - 11 kV
 - 22 kV
 - 66 kV

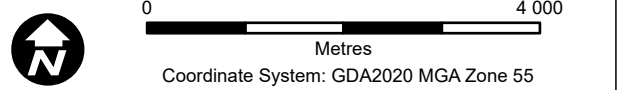


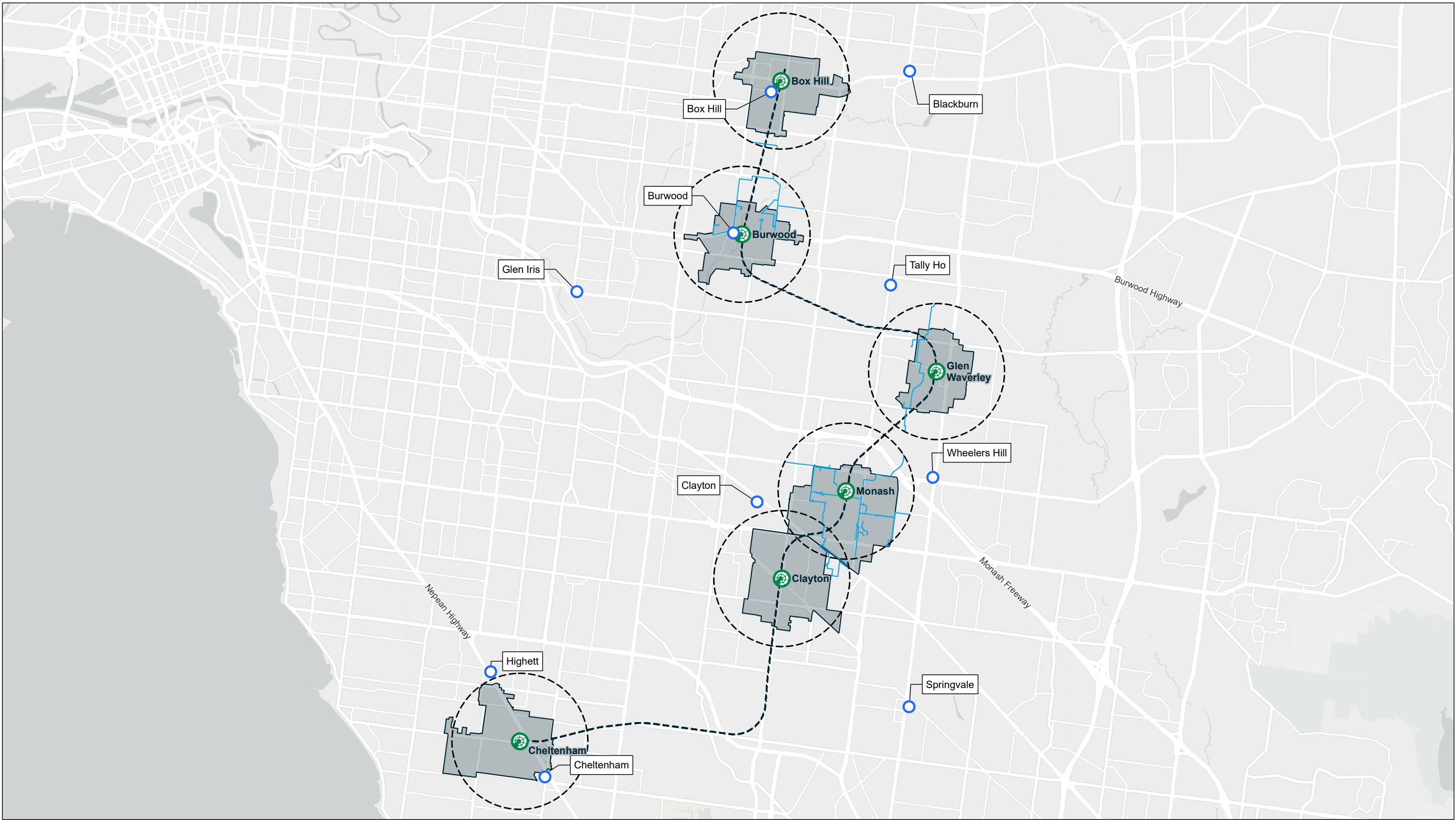
Suburban Rail Loop
Project Wide
 Utilities Assessment — Existing Electrical




Drawing Number: SRL-TAV-AJM-TPWD-MAP-PPG-PWD-508340		Revision: A.2	
Drawn By: L. Tily	Approved By: A. Raj	Date: 28/09/2023	Map Size: A3



Data Sources:
 AJMJV 2024
 Esri 2024
 United Energy 2024






- Telecommunications**
-  NBN Fibre Access Node Site
 -  AARNet Fibre Line
 -  Suburban Rail Loop East Station
 -  Suburban Rail Loop East Alignment
 -  Study Area (1.6 km)
 -  Structure Plan Area



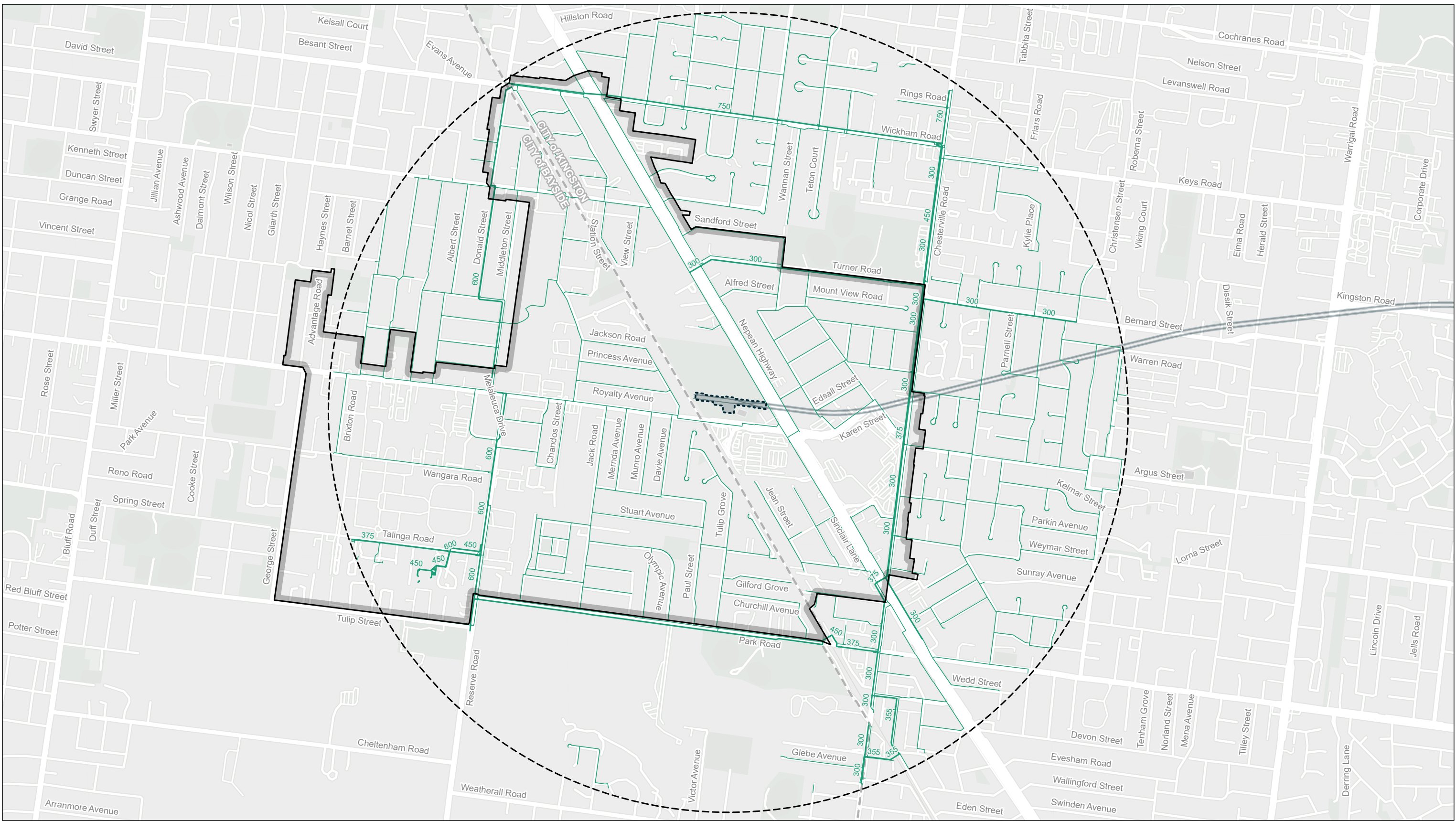
Data Sources:
 AARNet 2024
 AJMJV 2024
 Esri 2024
 NBN Co 2024

Suburban Rail Loop
Project Wide
 Utilities Assessment — Existing Telecommunications

Drawing Number: SRL-TAV-AJM-TPWD-MAP-PPG-PWD-508341		Revision: A.2	
Drawn By: L. Tily	Approved By: A. Raj	Date: 08/08/2024	Map Size: A3

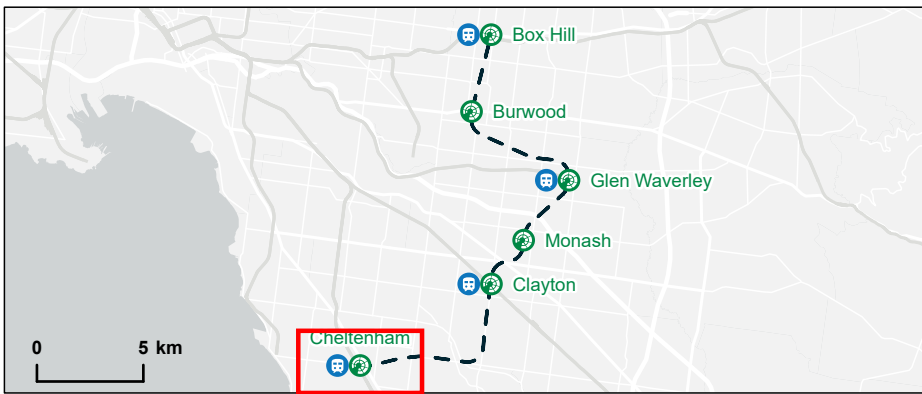
0  4 000
 Metres
 Coordinate System: GDA2020 MGA Zone 55

Appendix B.2 – Cheltenham Structure Plan Area existing conditions



- Potable Water**
- Suburban Rail Loop East Alignment
 - ▭ Suburban Rail Loop East Station Box
 - ▭ Study Area (1.6 km)
 - ▭ Structure Plan Area
 - ▭ Local Government Area (LGA) Boundary
- Asset Owner**
- Melbourne Water
 - Yarra Valley Water
 - South East Water
- Pipe Diameter (mm)**
- 20–225
 - 250–800
 - 900–1700
 - ▭ Water Storage

Data Sources:
 AJM JV 2024
 Esri 2024
 Melbourne Water 2023
 South East Water 2024
 Yarra Valley Water 2023



SUBURBAN RAIL LOOP

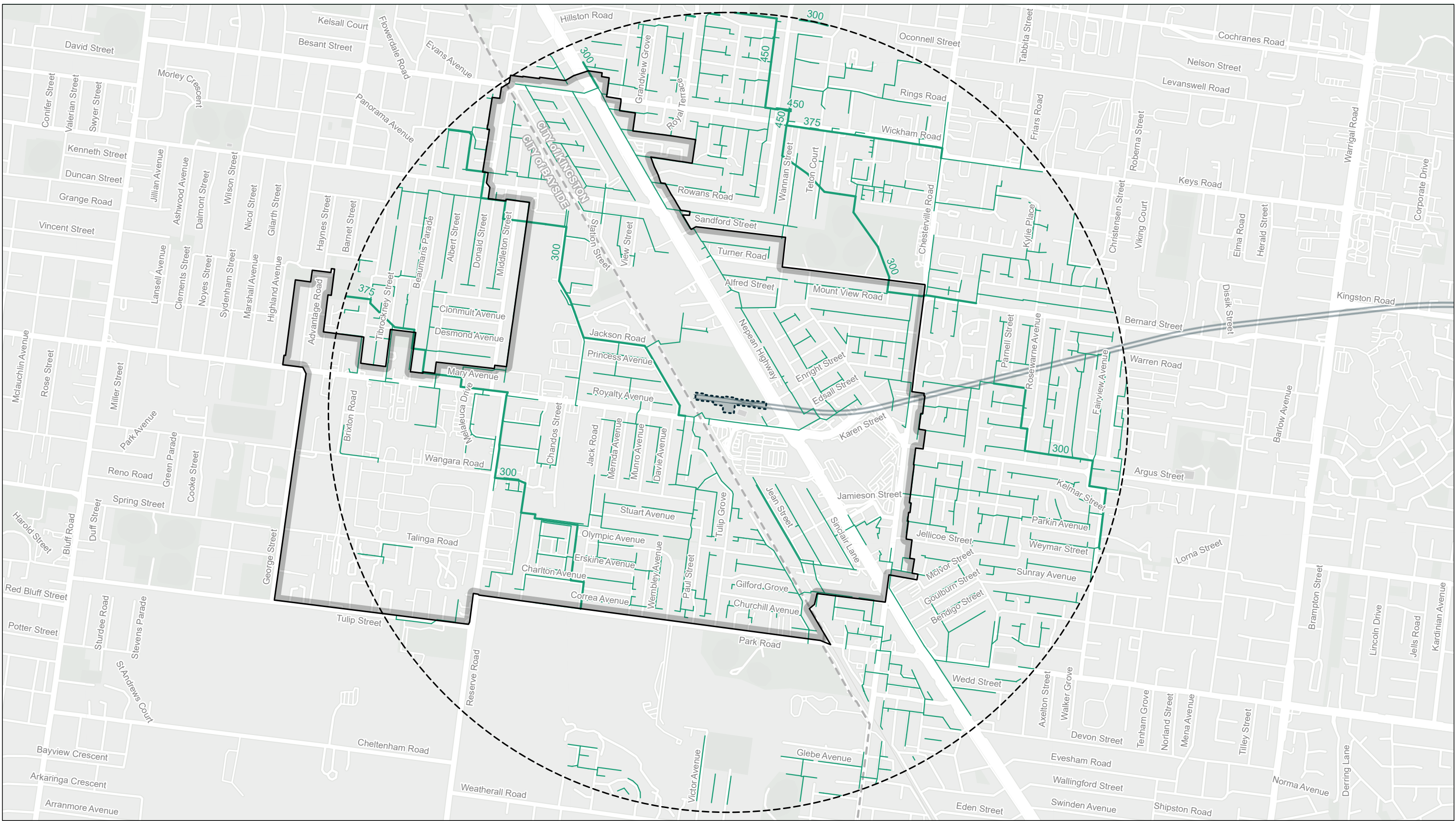
AJM Joint Venture

arecon
Jacobs
MOTT MACDONALD

Suburban Rail Loop Cheltenham
 Precinct Utilities Assessment — Existing Potable Water

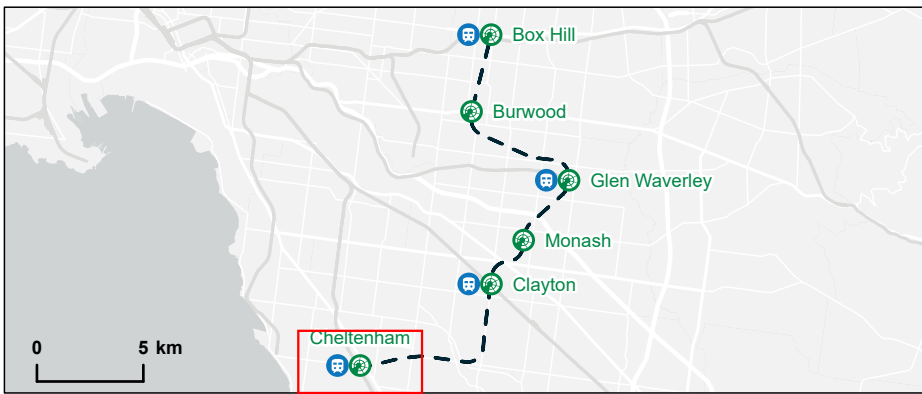
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Drawn By: L. Tily	Approved By: A. Raj
Date: 06/08/2024	Map Size: A3

0 900 Metres
 Coordinate System: GDA2020 MGA Zone 55



- Sewer**
- Asset Owner
 - Melbourne Water
 - Yarra Valley Water
 - South East Water
 - Private
 - Pipe Diameter (mm)
 - 40–280
 - 300–825
 - 900–3050
- Suburban Rail Loop East Station Box
 - Study Area (1.6 km)
 - Structure Plan Area
 - Local Government Area (LGA) Boundary

Data Sources:
 AJM JV 2024
 Esri 2024
 Melbourne Water 2023
 South East Water 2024
 Yarra Valley Water 2023



SUBURBAN RAIL LOOP

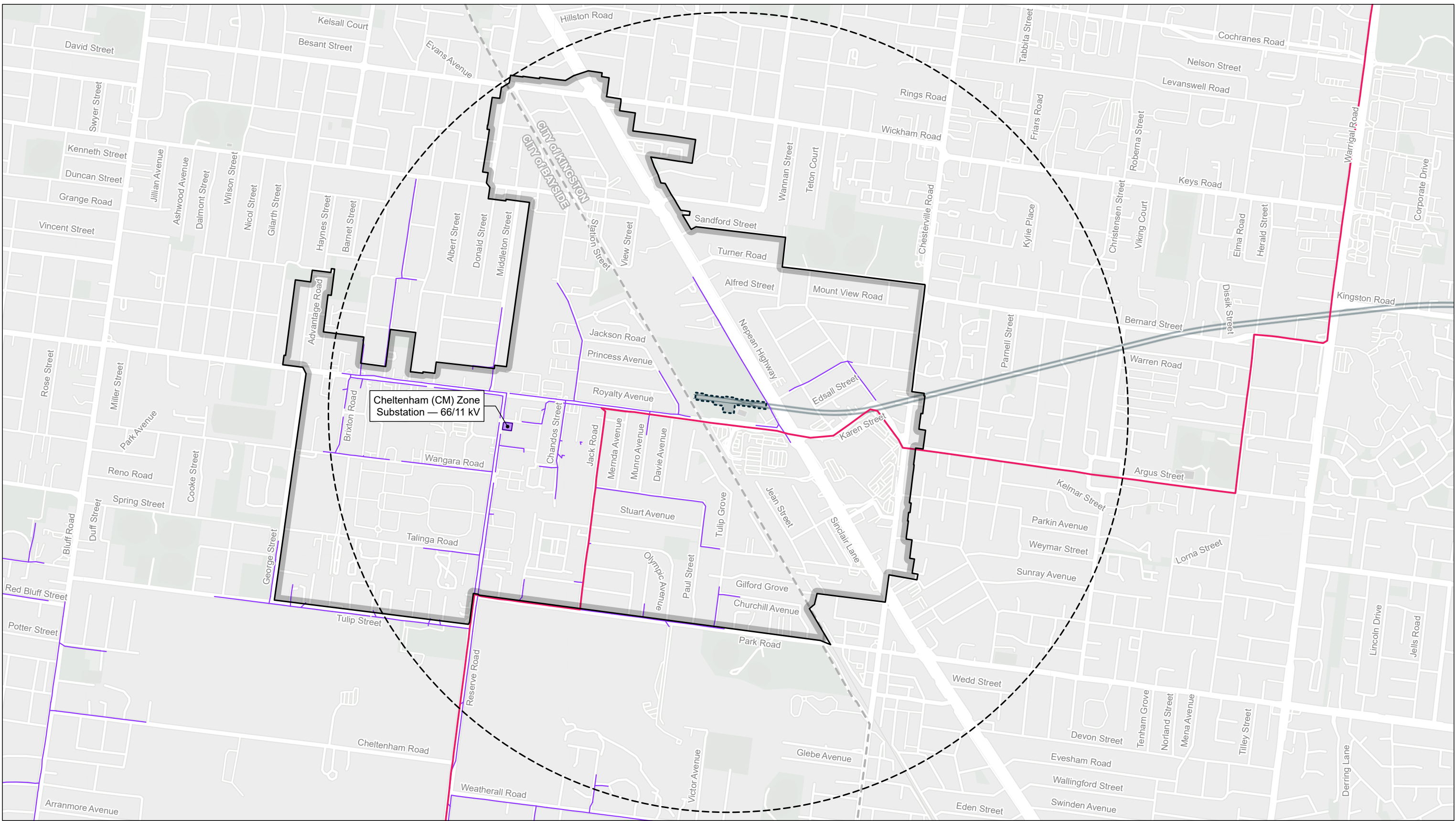
ajm **jacobs**
 Joint Venture

MOTT MACDONALD

Suburban Rail Loop Cheltenham
 Precinct Utilities Assessment — Existing Sewer

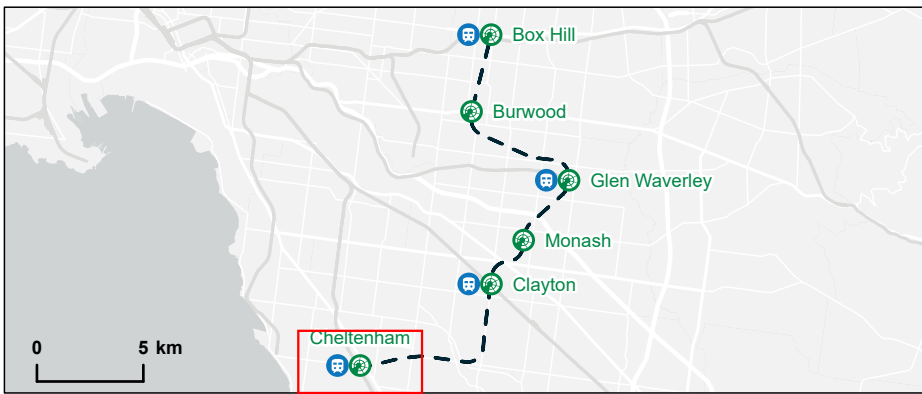
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Drawn By: L. Tily	Approved By: A. Raj
Date: 06/08/2024	Map Size: A3

0 900
 Metres
 Coordinate System: GDA2020 MGA Zone 55



- Electrical**
- High Voltage Line
 - 11 kV
 - 66 kV
 - Zone Substation
 - Suburban Rail Loop East Alignment
 - Suburban Rail Loop East Station Box
 - Structure Plan Area
 - Study Area (1.6 km)
 - Local Government Area (LGA) Boundary

Data Sources:
 AJM JV 2024
 Esri 2024
 United Energy 2024



SUBURBAN RAIL LOOP

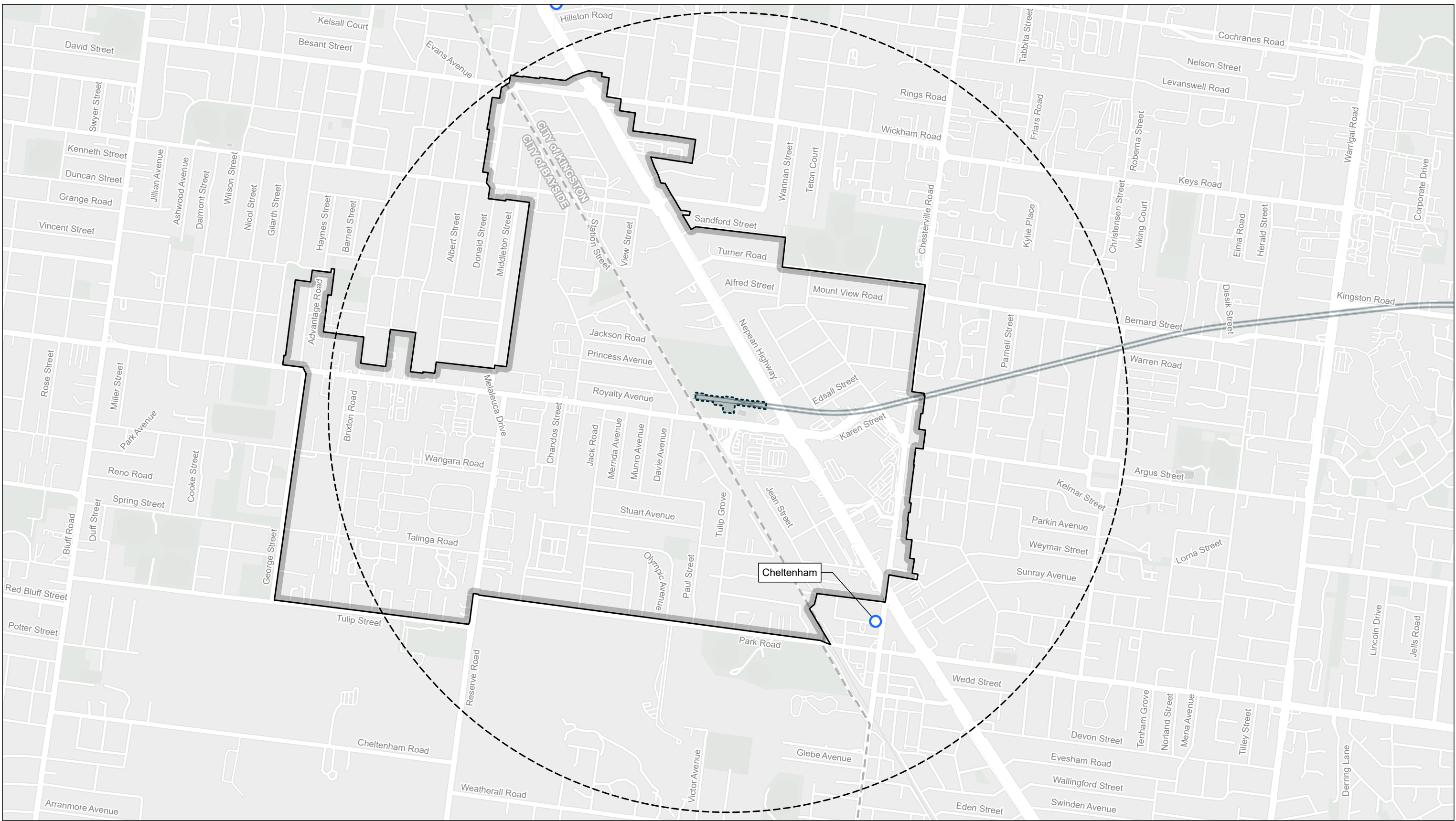
AJM Joint Venture

arecon
Jacobs
MOTT MACDONALD

Suburban Rail Loop
Cheltenham
 Utilities Assessment — Existing Electrical

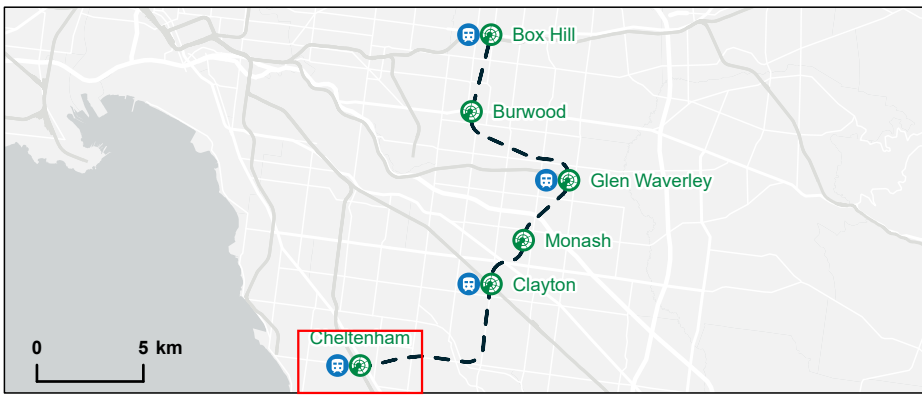
Drawing Number: SRL-TAV-AJM-TPWD-MAP-PPG-PWD-508339	Revision: A.3
Drawn By: L. Tily	Approved By: A. Raj
Date: 09/08/2024	Map Size: A3

0 700 Metres
 Coordinate System: GDA2020 MGA Zone 55



- Telecommunications**
- NBN Fibre Access Node Site
 - AARNet Fibre Line
 - Suburban Rail Loop East Station Box
 - Structure Plan Area
 - Study Area (1.6 km)
 - Local Government Area (LGA) Boundary

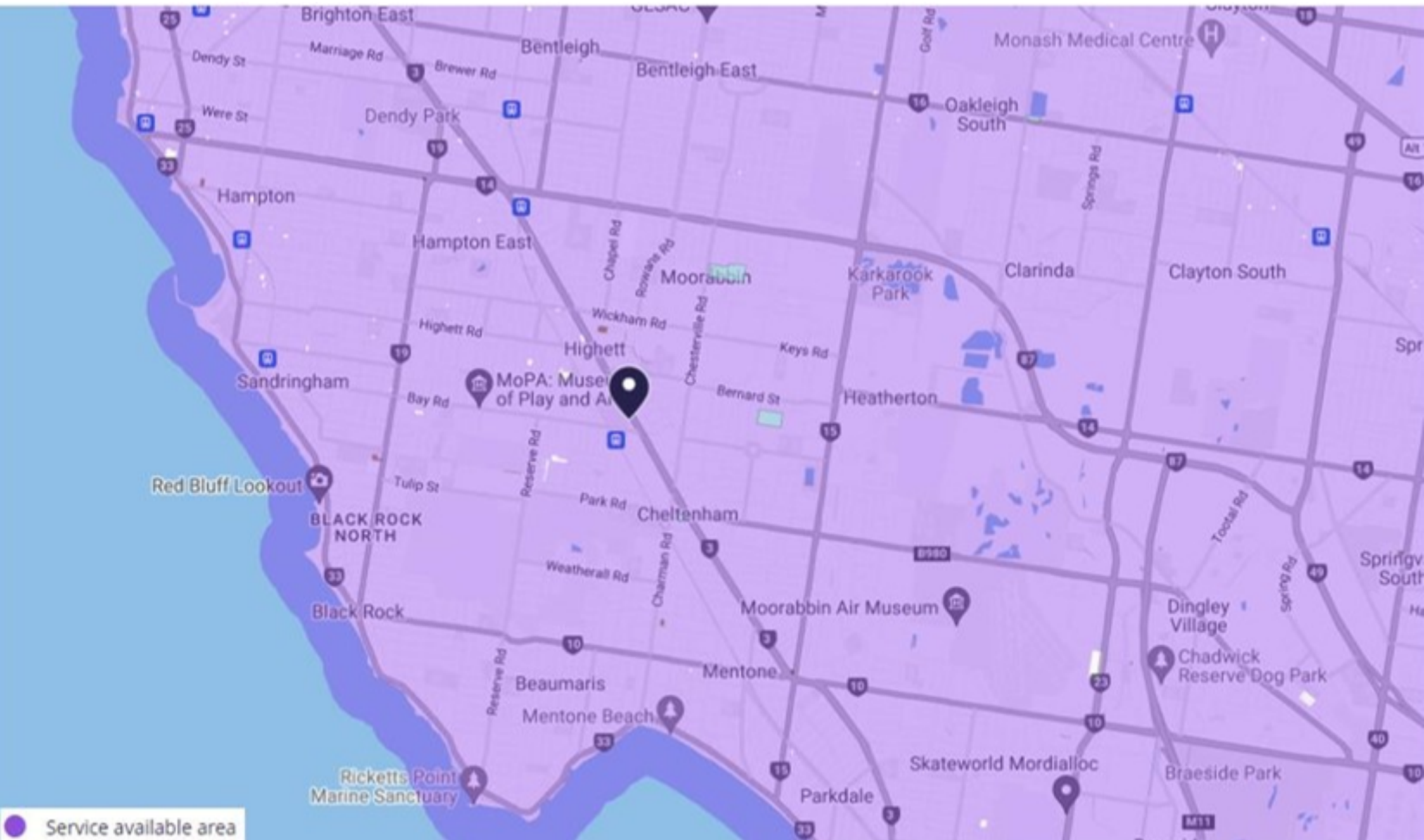
Data Sources:
 AARNet 2024
 AJM JV 2024
 Esri 2024
 NBN Co 2024



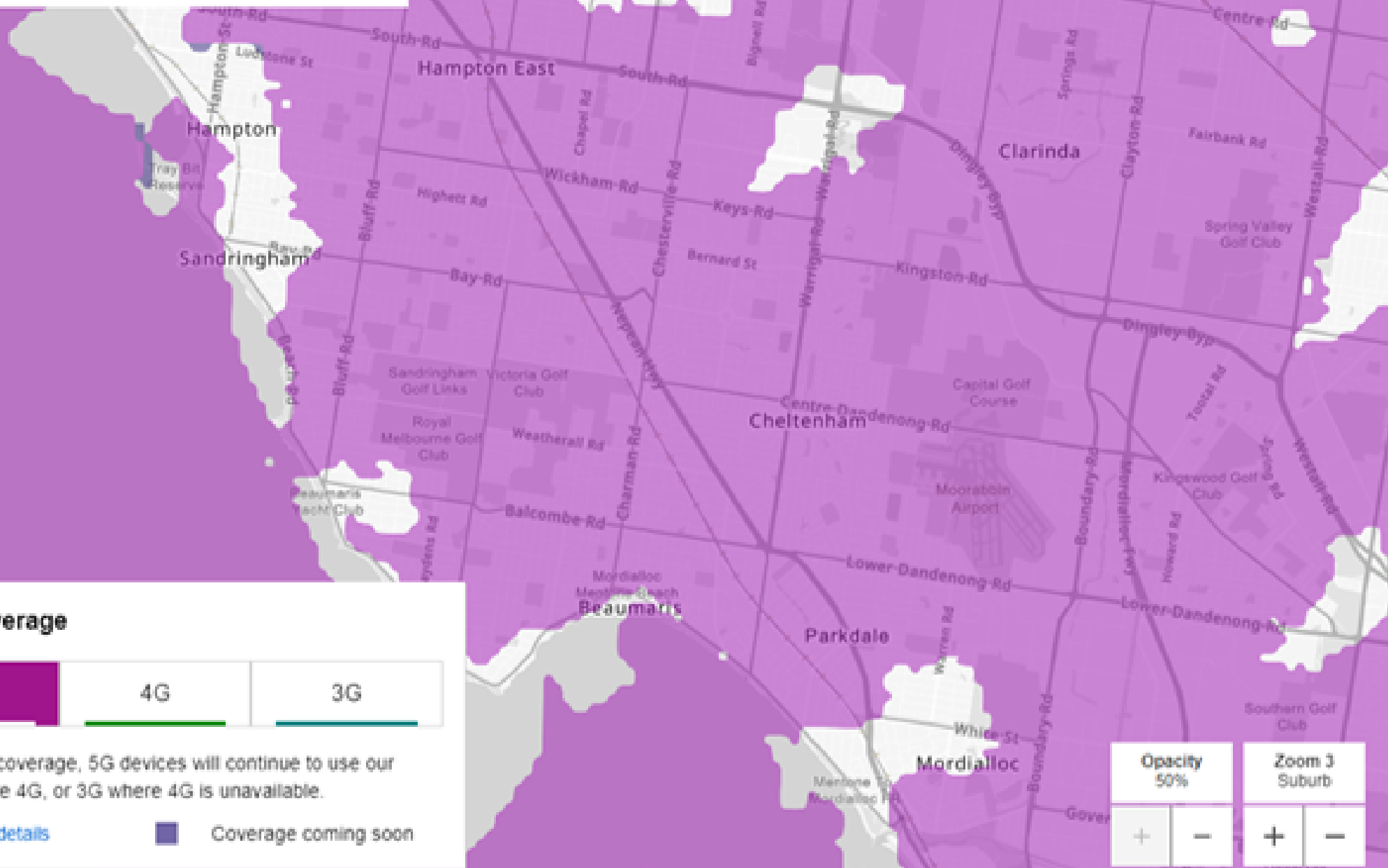
Suburban Rail Loop
Cheltenham
 Utilities Assessment — Existing Telecommunications

Drawing Number: SRL-TAV-AJM-TPWD-MAP-PPG-PWD-508164		Revision: A.3	
Drawn By: L. Tily	Approved By: A. Raj	Date: 09/08/2024	Map Size: A3

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 Metres
 Coordinate System: GDA2020 MGA Zone 55



Find address or place



Type of coverage



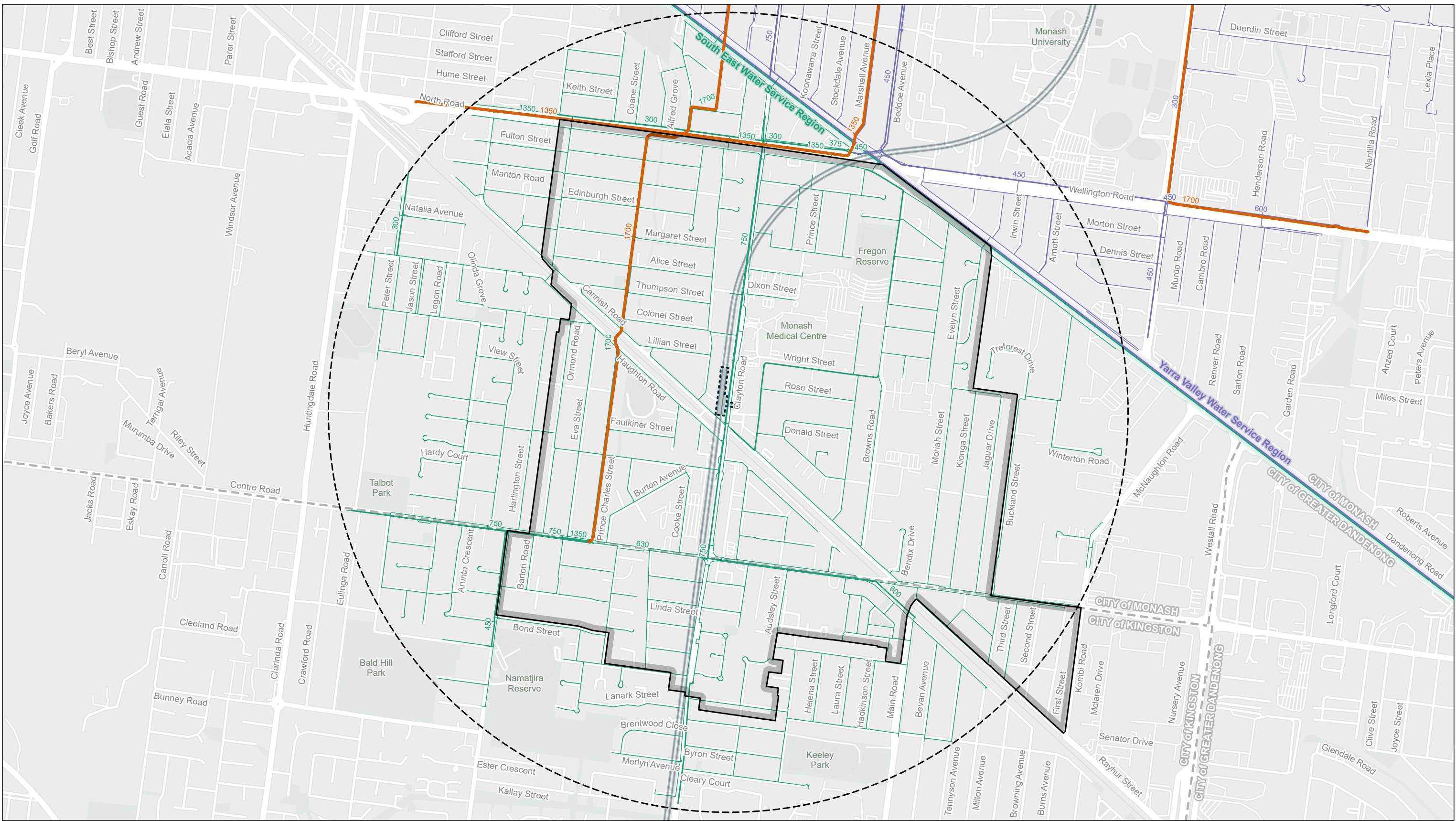
Outside of 5G coverage, 5G devices will continue to use our fastest available 4G, or 3G where 4G is unavailable.

[View coverage details](#)

 Coverage coming soon

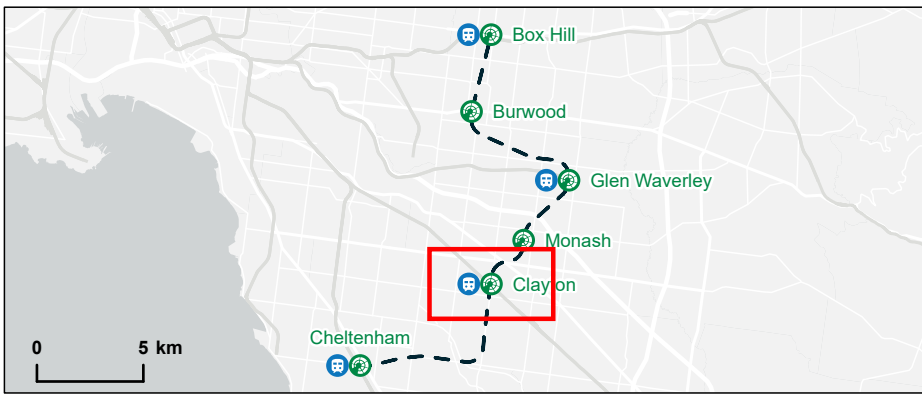
Opacity 50%		Zoom 3 Suburb	
+	-	+	-

Appendix B.3 – Clayton Structure Plan Area existing conditions



- Potable Water**
- Asset Owner**
- Melbourne Water
 - Yarra Valley Water
 - South East Water
- Pipe Diameter (mm)**
- 20–225
 - 250–800
 - 900–1700
 - Water Storage
- Legend**
- Suburban Rail Loop East Alignment
 - Suburban Rail Loop East Station Box
 - Study Area (1.6 km)
 - Structure Plan Area
 - Local Government Area (LGA) Boundary

Data Sources:
 AJM JV 2024
 Esri 2024
 Melbourne Water 2023
 South East Water 2024
 Yarra Valley Water 2023



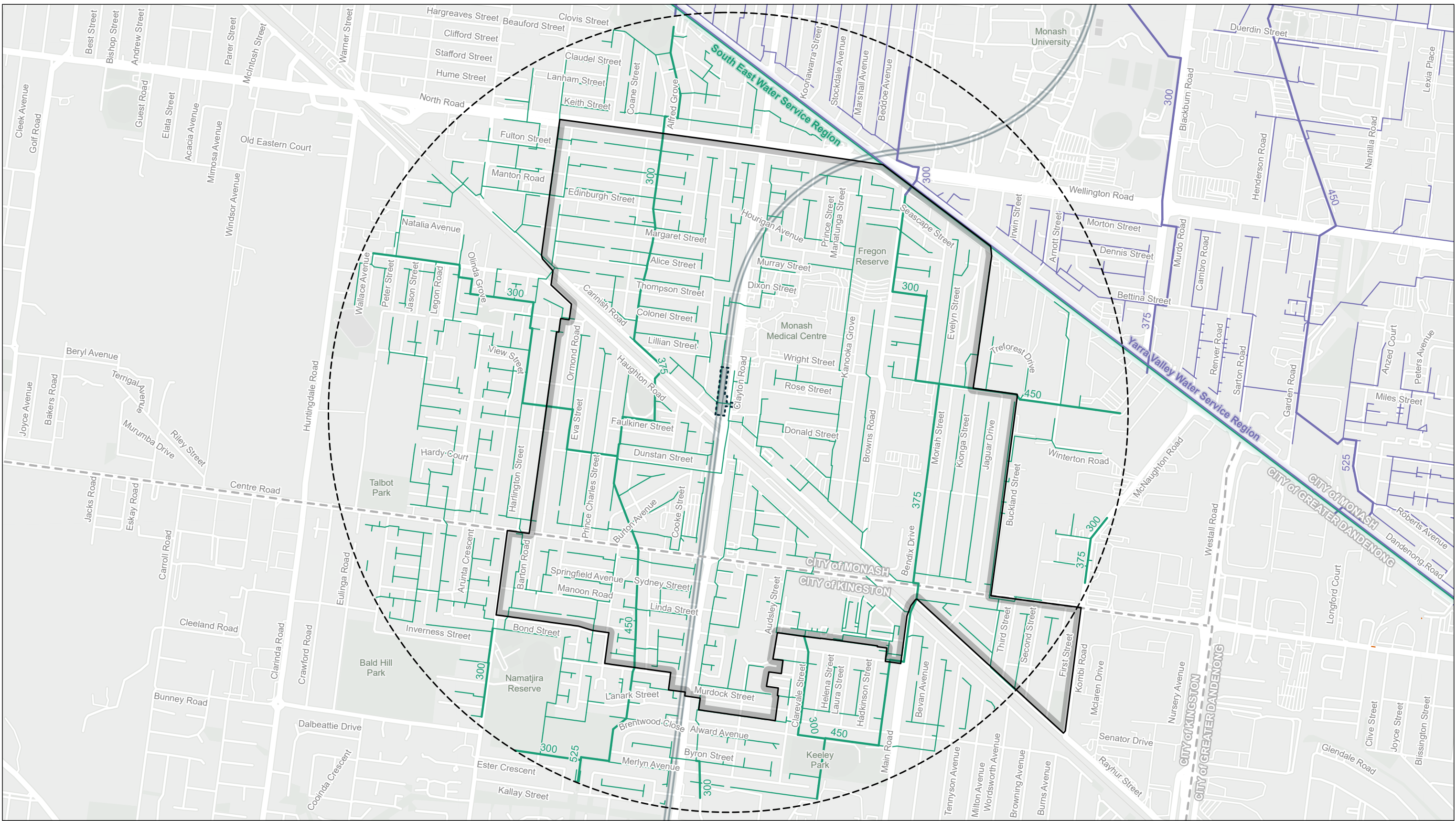
SUBURBAN RAIL LOOP

AJM Jacobs MOTT MACDONALD
 Joint Venture

Suburban Rail Loop Clayton
 Precinct Utilities Assessment — Existing Potable Water

Drawing Number: SRL-TAV-AJM-TPWD-MAP-PPG-PWD-508160	Revision: A.7
Drawn By: L. Tily	Approved By: A. Raj
Date: 06/08/2024	Map Size: A3

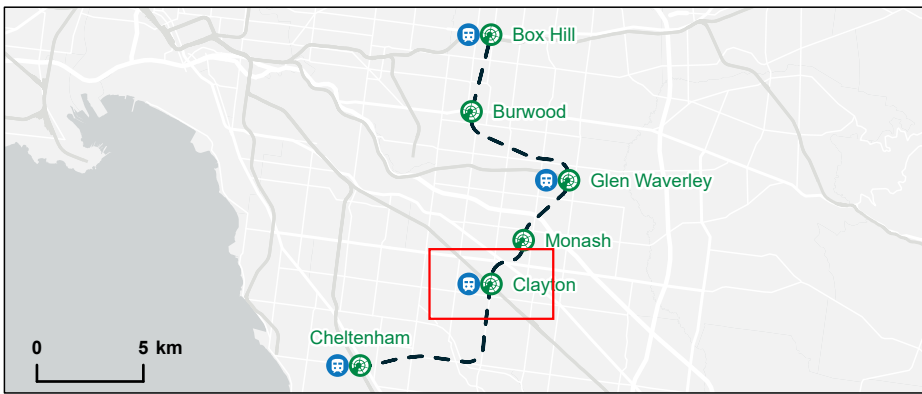
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 Coordinate System: GDA2020 MGA Zone 55



- Sewer**
- Asset Owner
 - Melbourne Water
 - Yarra Valley Water
 - South East Water
 - Private
 - Pipe Diameter (mm)
 - 40–280
 - 300–825
 - 900–3050

- Suburban Rail Loop East Station Box
- Study Area (1.6 km)
- Structure Plan Area
- Local Government Area (LGA) Boundary

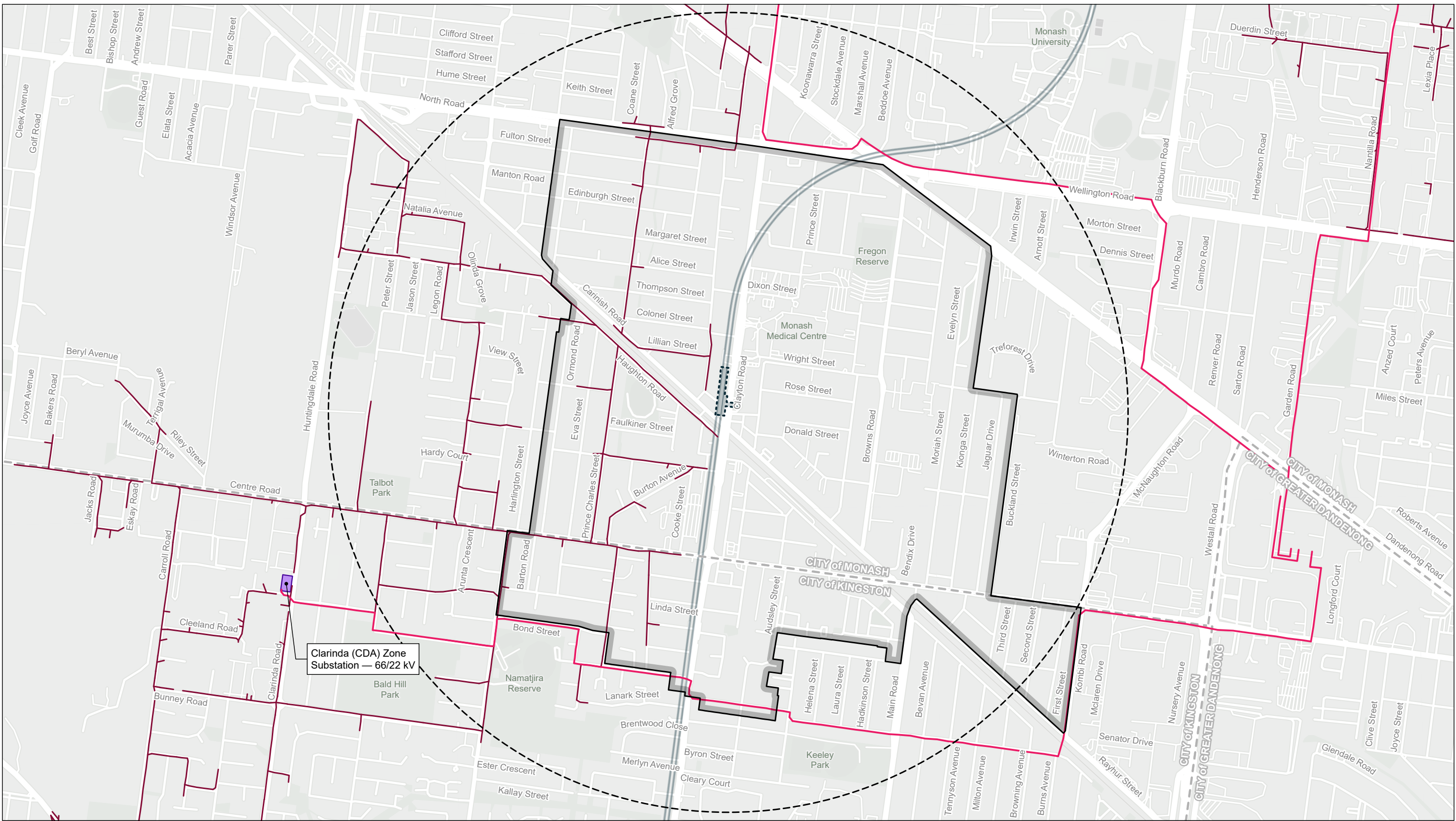
Data Sources:
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 Esri 2024
 Melbourne Water 2023
 South East Water 2024
 Yarra Valley Water 2023



Suburban Rail Loop Clayton
 Precinct Utilities Assessment — Existing Sewer

Drawing Number: SRL-TAV-AJM-TPWD-MAP-PPG-PWD-508162	Revision: A.5
Drawn By: L. Tily	Approved By: A. Raj
Date: 06/08/2024	Map Size: A3

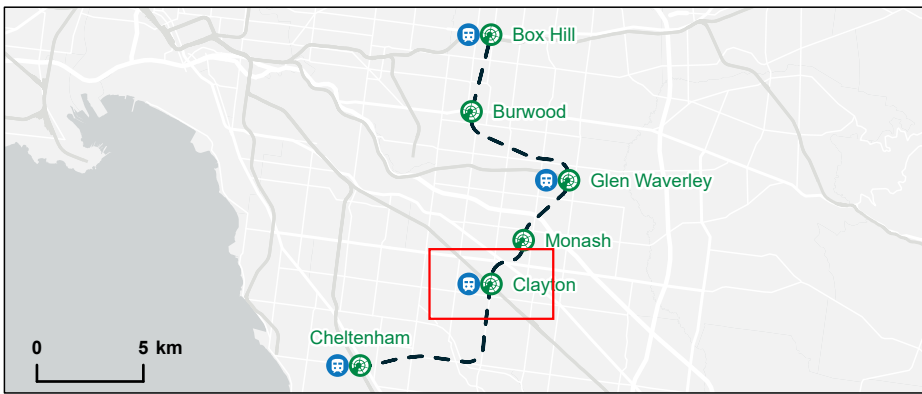
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 Metres
 Coordinate System: GDA2020 MGA Zone 55



Clarinda (CDA) Zone Substation — 66/22 kV

- Electrical**
- High Voltage Line
 - 22 kV
 - 66 kV
 - Zone Substation
 - Suburban Rail Loop East Alignment
 - Suburban Rail Loop East Station Box
 - Structure Plan Area
 - Study Area (1.6 km)
 - Local Government Area (LGA) Boundary

Data Sources:
 AJM JV 2024
 Esri 2024
 United Energy 2024



SUBURBAN RAIL LOOP

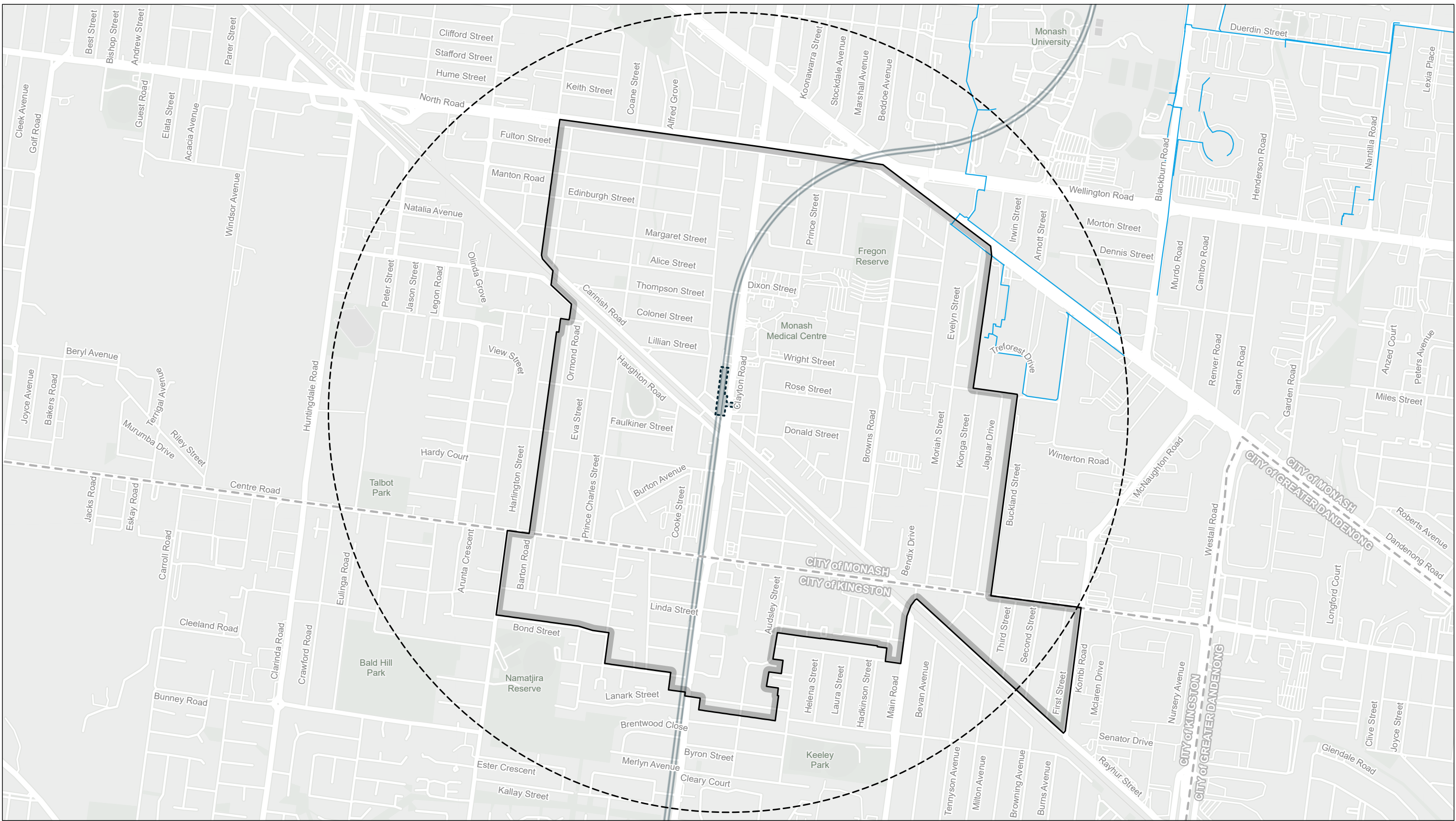
AJM Jacobs M
 Joint Venture

arecon
 MOTT MACDONALD

Suburban Rail Loop
Clayton
 Utilities Assessment — Existing Electrical

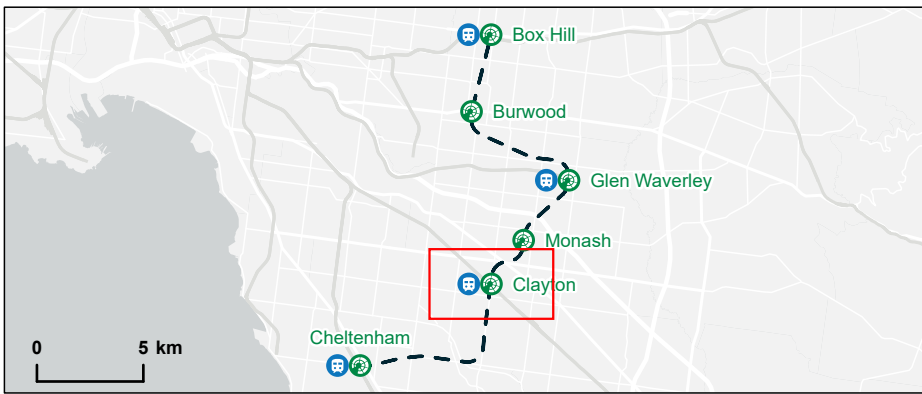
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Drawn By: L. Tily	Approved By: A. Raj	Date: 09/08/2024	Map Size: A3

0 700 Metres
 Coordinate System: GDA2020 MGA Zone 55



- AARNet Fibre Line
- Suburban Rail Loop East Alignment
- Suburban Rail Loop East Station Box
- Structure Plan Area
- Study Area (1.6 km)
- Local Government Area (LGA) Boundary

Data Sources:
 AARNet 2024
 AJM JV 2024
 Esri 2024
 NBN Co 2024



SUBURBAN RAIL LOOP

AJM Joint Venture

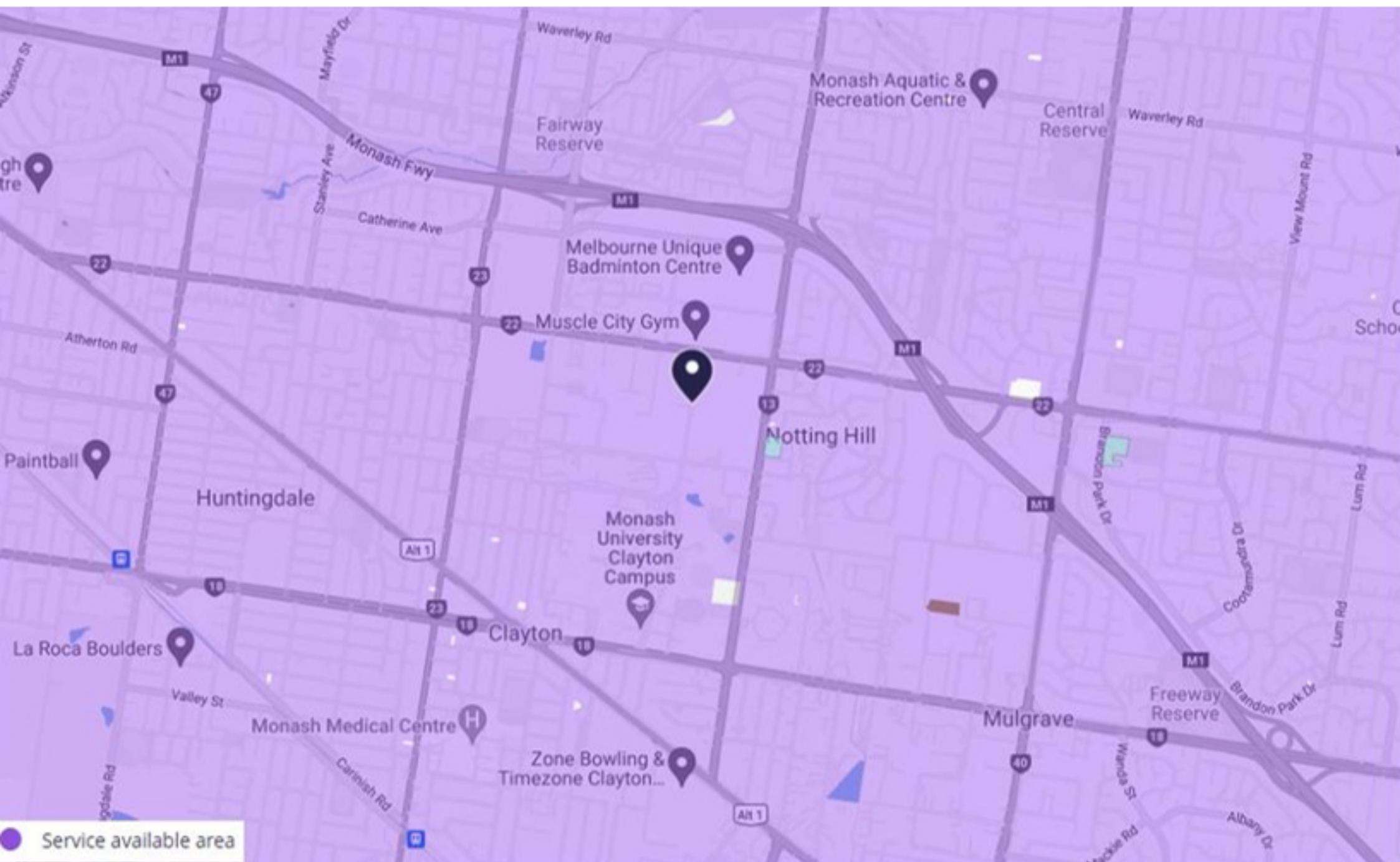
arecon Jacobs

MOTT MACDONALD

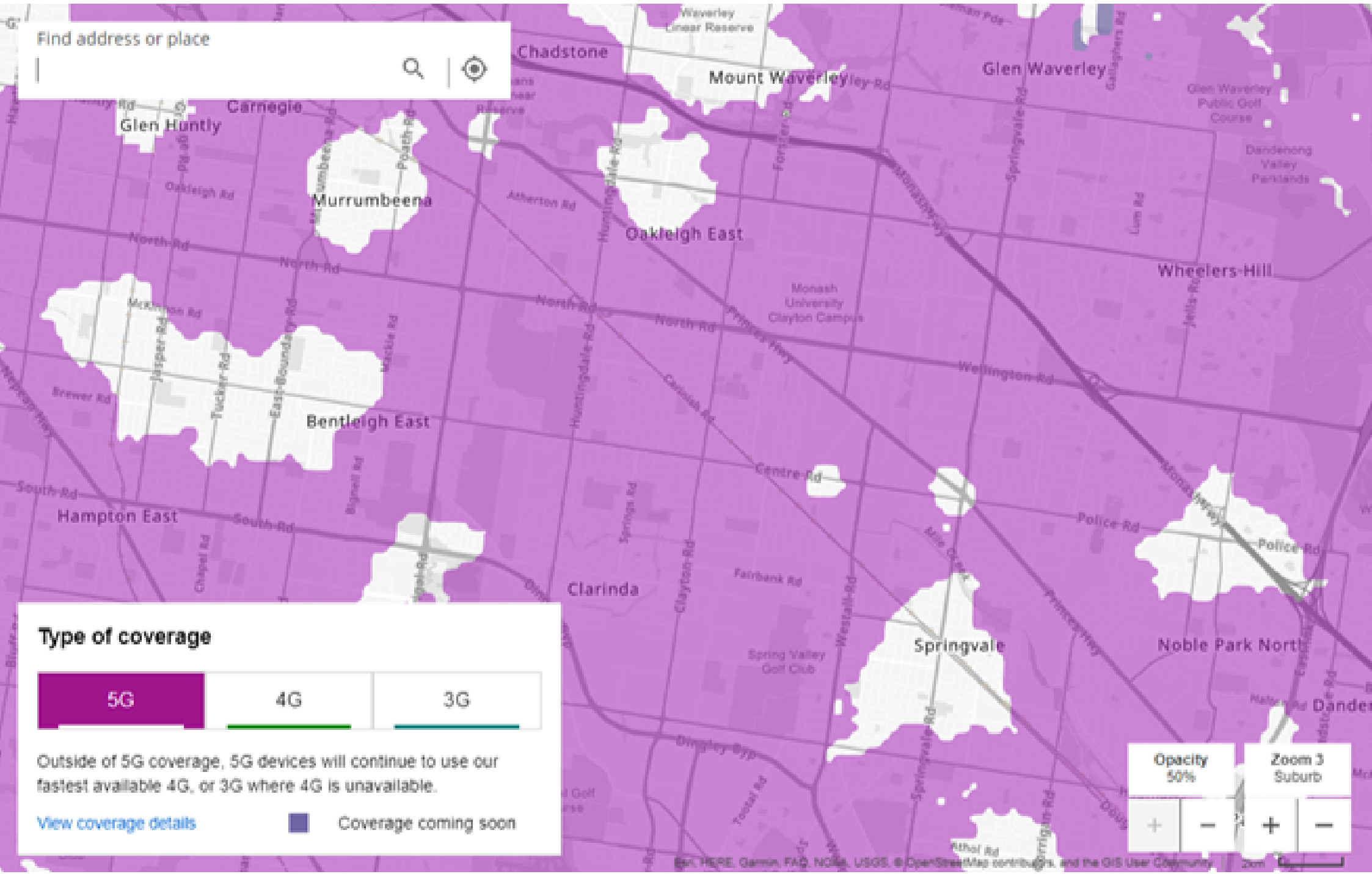
Suburban Rail Loop
Clayton
 Utilities Assessment — Existing Telecommunications

Drawing Number: SRL-TAV-AJM-TPWD-MAP-PPG-PWD-508164	Revision: A.3
Drawn By: L. Tily	Approved By: A. Raj
Date: 09/08/2024	Map Size: A3

0 700 Metres
 Coordinate System: GDA2020 MGA Zone 55



Find address or place



Type of coverage



Outside of 5G coverage, 5G devices will continue to use our fastest available 4G, or 3G where 4G is unavailable.

[View coverage details](#)



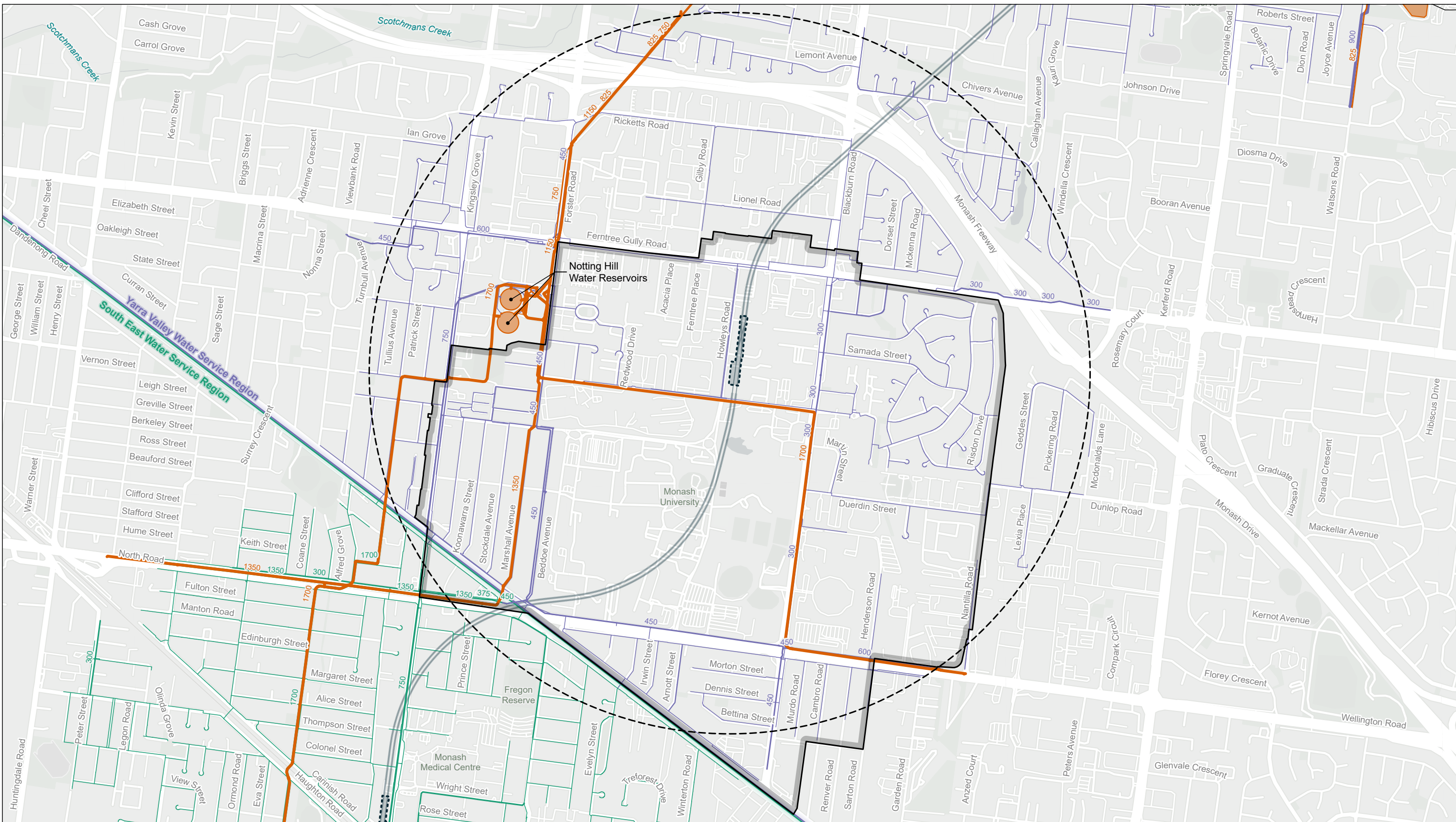
Coverage coming soon

Opacity 50%

Zoom 3 Suburb

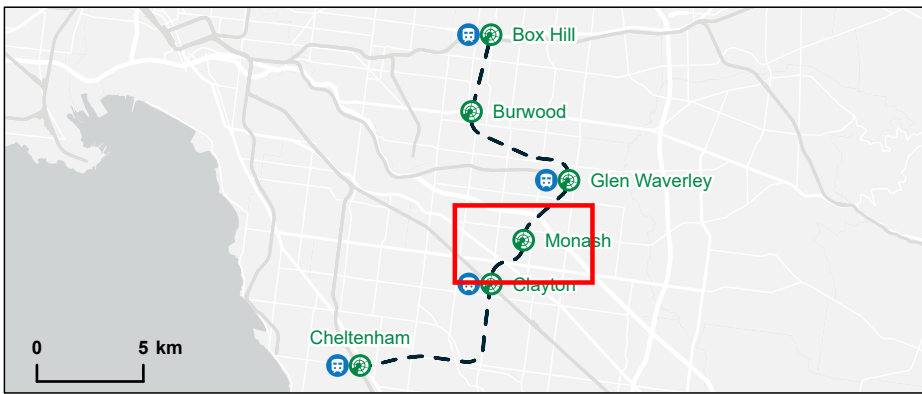
+ - + -

Appendix B.4 – Monash Structure Plan Area existing conditions



- Potable Water**
- Asset Owner
 - Melbourne Water (Orange line)
 - Yarra Valley Water (Blue line)
 - South East Water (Green line)
 - Pipe Diameter (mm)
 - 20–225 (Thin line)
 - 250–800 (Medium line)
 - 900–1700 (Thick line)
 - Water Storage (Grey shaded area)
- Suburban Rail Loop East Alignment (Dashed line)
 Suburban Rail Loop East Station Box (Dotted line)
 Study Area (1.6 km) (Dashed outline)
 Structure Plan Area (Grey shaded area)
 Local Government Area (LGA) Boundary (Dashed line)

Data Sources:
 AJMJV 2024
 Esri 2024
 Melbourne Water 2023
 South East Water 2024
 Yarra Valley Water 2023



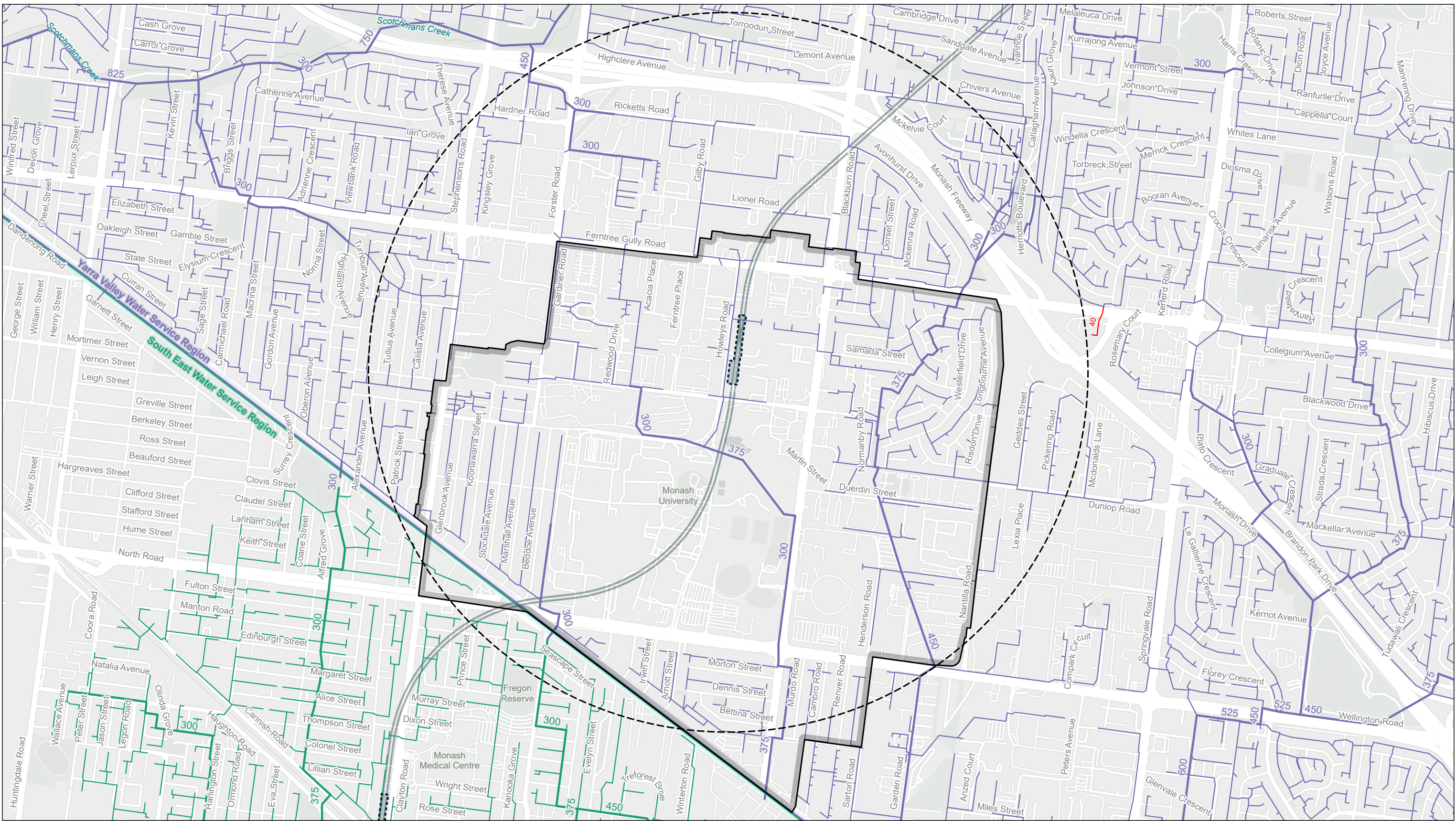
SUBURBAN RAIL LOOP

ajm **jurecon** **JACOBS** **M**
 Joint Venture MOTT MACDONALD

Suburban Rail Loop Monash
 Precinct Utilities Assessment — Existing Potable Water

Drawing Number: SRL-TAV-AJM-TPWD-MAP-PPG-PWD-508160	Revision: A.7
Drawn By: L. Tily	Approved By: A. Raj
Date: 06/08/2024	Map Size: A3

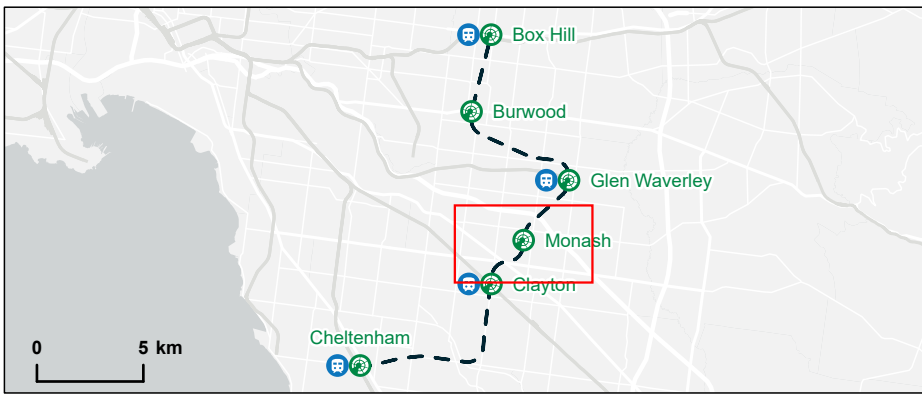
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 Coordinate System: GDA2020 MGA Zone 55



- Sewer**
- Asset Owner
 - Melbourne Water
 - Yarra Valley Water
 - South East Water
 - Private
 - Pipe Diameter (mm)
 - 40–280
 - 300–825
 - 900–3050

- Suburban Rail Loop East Station Box
- Study Area (1.6 km)
- Structure Plan Area
- Local Government Area (LGA) Boundary

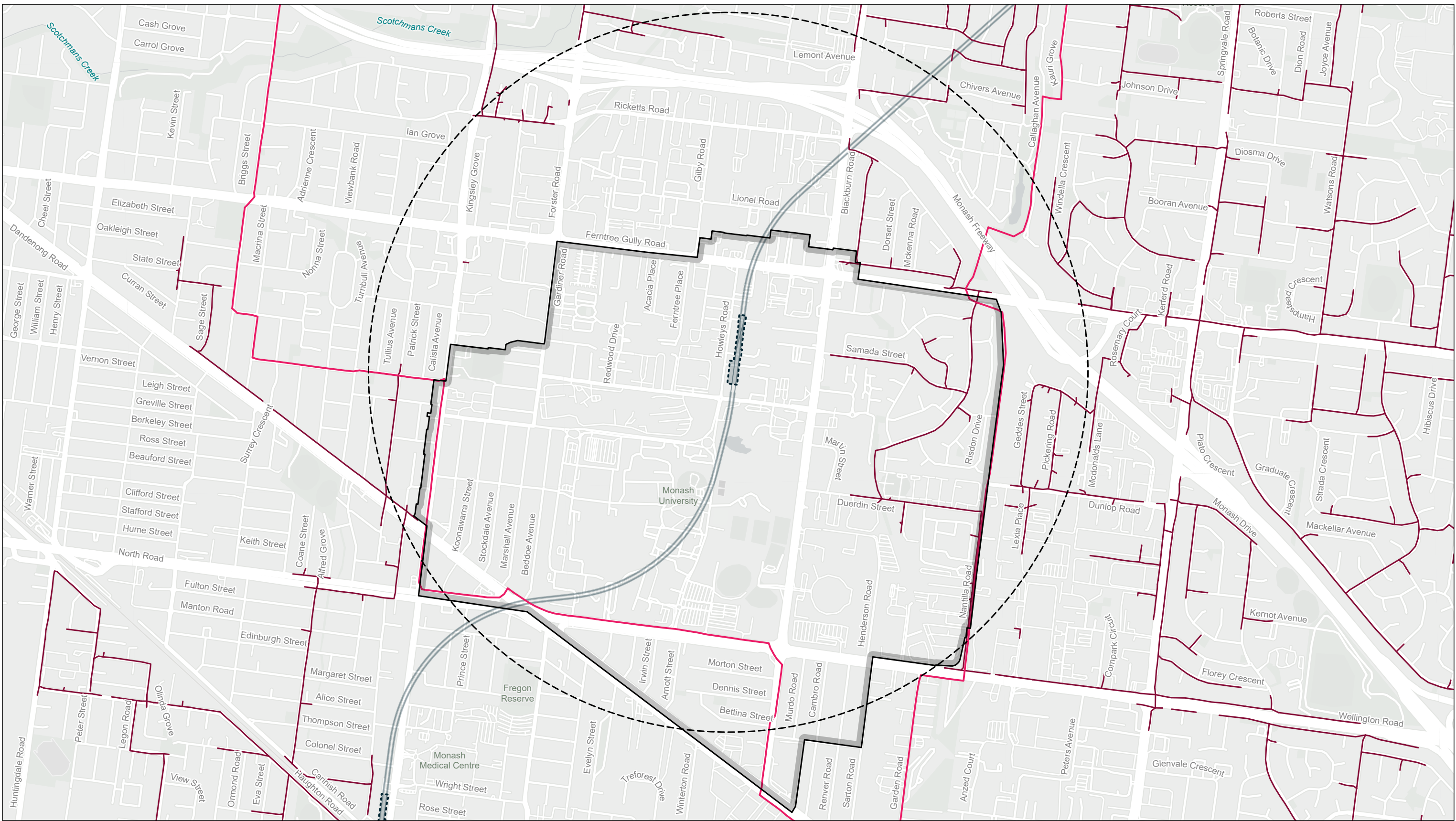
Data Sources:
 AJM JV 2024
 Esri 2024
 Melbourne Water 2023
 South East Water 2024
 Yarra Valley Water 2023



Suburban Rail Loop
Monash
 Precinct Utilities Assessment — Existing Sewer

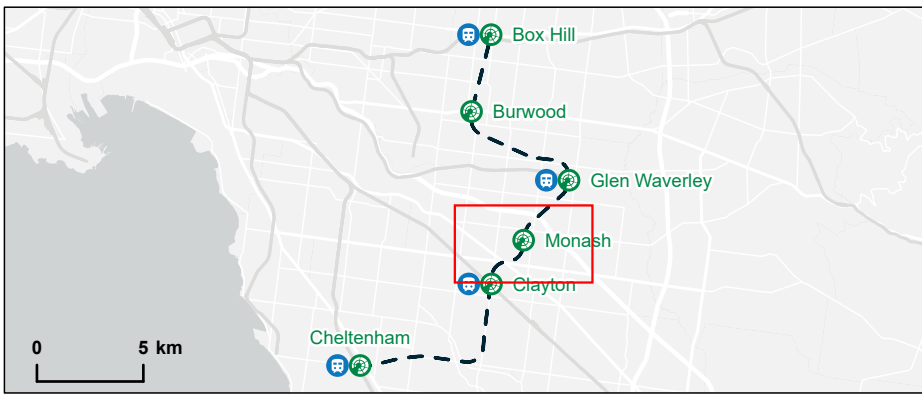
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Drawn By: L. Tily	Approved By: A. Raj	Date: 06/08/2024	Map Size: A3

0 1000
 Metres
 Coordinate System: GDA2020 MGA Zone 55



- Electrical**
- High Voltage Line
 - 22 kV
 - 66 kV
 - Suburban Rail Loop East Alignment
 - Suburban Rail Loop East Station Box
 - Structure Plan Area
 - Study Area (1.6 km)
 - Local Government Area (LGA) Boundary

Data Sources:
 AJMV 2024
 Esri 2024
 United Energy 2024



SUBURBAN RAIL LOOP

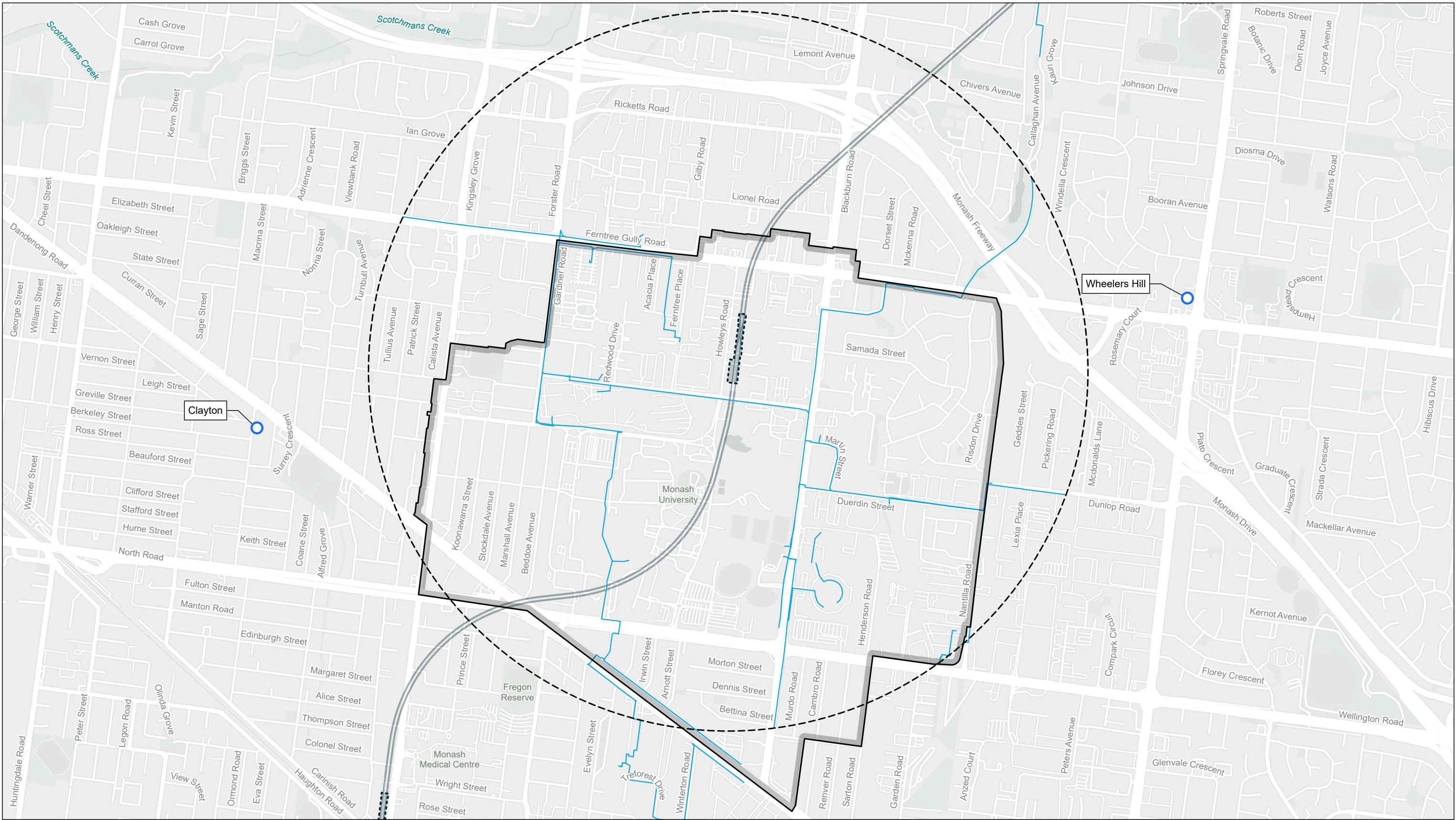
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Suburban Rail Loop
Monash
 Utilities Assessment — Existing Electrical

Drawing Number: SRL-TAV-AJM-TPWD-MAP-PPG-PWD-508339	Revision: A.3
Drawn By: L. Tily	Approved By: A. Raj
Date: 09/08/2024	Map Size: A3

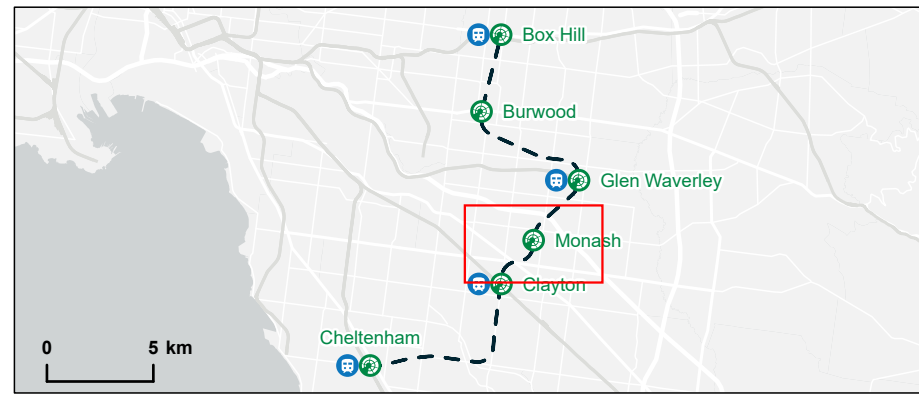
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Telecommunications

- NBN Fibre Access Node Site
- AARNet Fibre Line
- Suburban Rail Loop East Alignment
- Suburban Rail Loop East Station Box
- Structure Plan Area
- Study Area (1.6 km)
- Local Government Area (LGA) Boundary

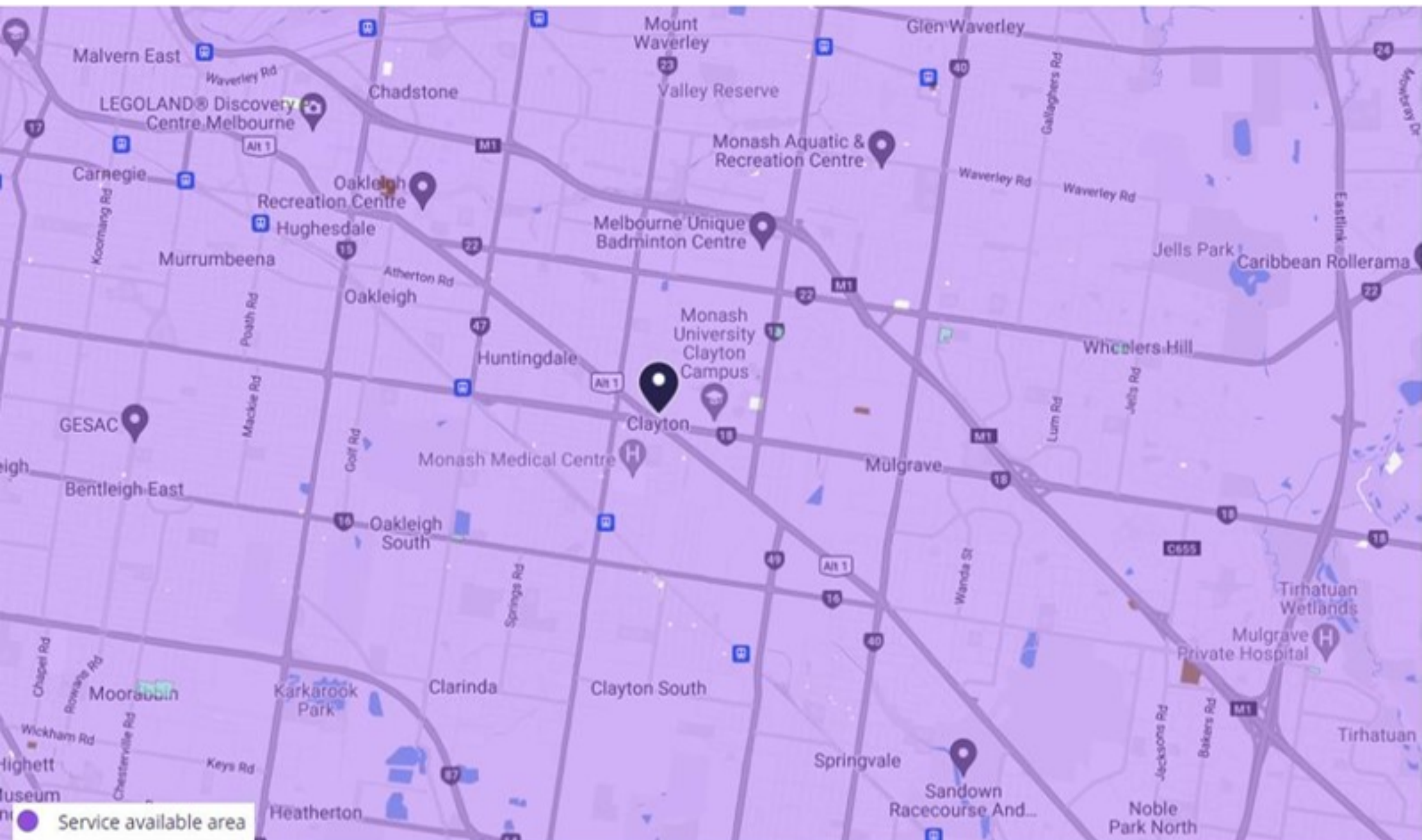
Data Sources:
 AARNet 2024
 AJMV 2024
 Esri 2024
 NBN Co 2024



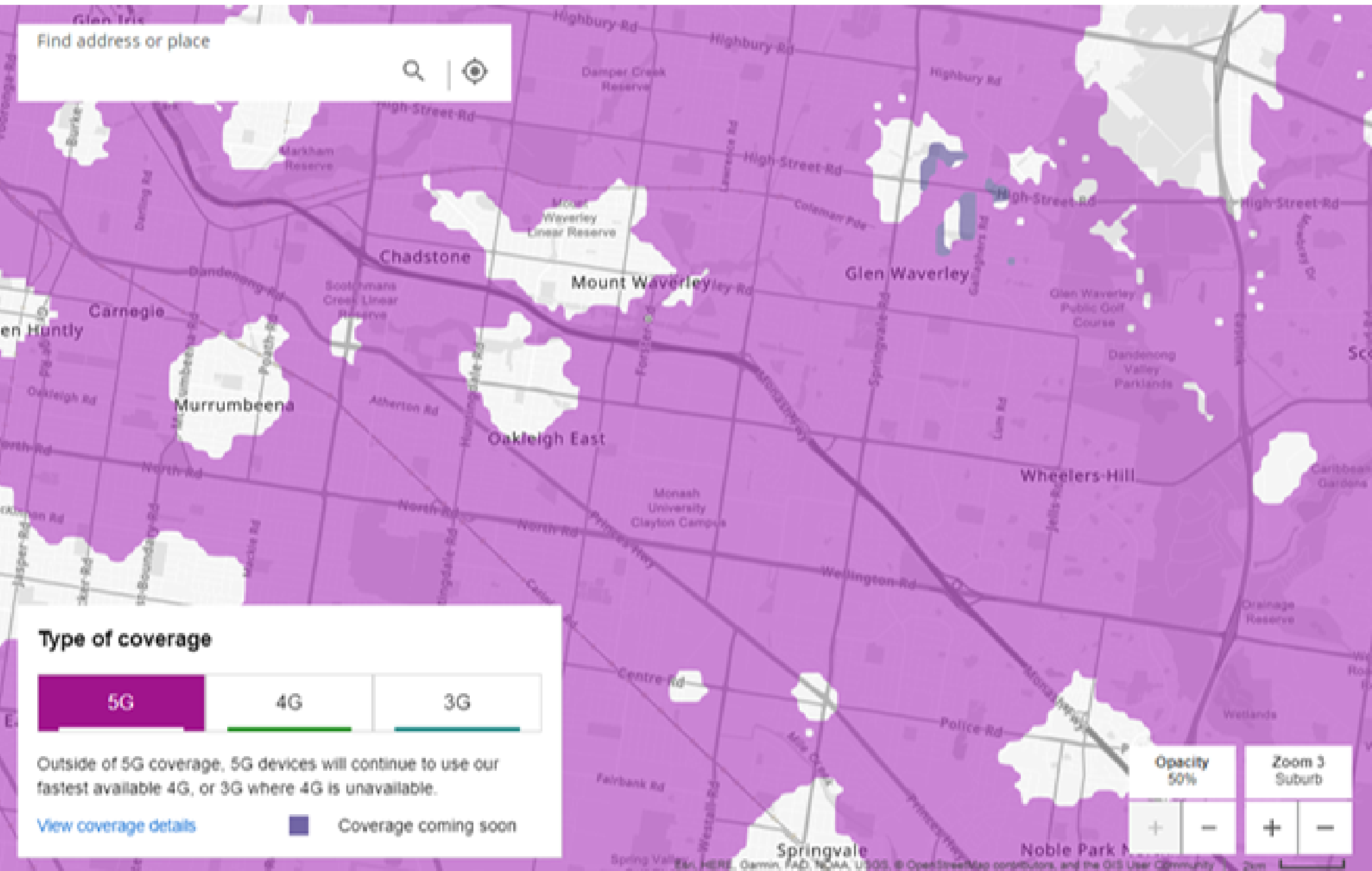
Suburban Rail Loop
Monash
 Utilities Assessment — Existing Telecommunications

Drawing Number: SRL-TAV-AJM-TPWD-MAP-PPG-PWD-508164		Revision: A.3	
Drawn By: L. Tily	Approved By: A. Raj	Date: 09/08/2024	Map Size: A3

0 800
 Metres
 Coordinate System: GDA2020 MGA Zone 55



Find address or place



Type of coverage



Outside of 5G coverage, 5G devices will continue to use our fastest available 4G, or 3G where 4G is unavailable.

[View coverage details](#)

Coverage coming soon

Opacity 50%

Zoom 3 Suburb

+ - + -



AJM
Joint Venture

222 Exhibition Street
Melbourne VIC 3000

PO Box 23061 Docklands
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