Appendix

Shadow diagrams and overshadowing
**Title:** M4-M5 Link - Shadow diagrams and overshadowing

**Scale:**

**Legend:**
- Building/structure shadow
- Project buildings and structures

**Water treatment facility (around 4 metres)**

**Substation (around 4 metres)**

**Darley Road motorway operations complex (MOC1) Leichhardt**

9.00 am analysis (21st June)
Substation (around 4 metres)

Water treatment facility (around 4 metres)
11.00 am analysis (21st June)
Darley Road motorway operations complex (MOC1)
Leichhardt

Substation (around 4 metres)
Water treatment facility (around 4 metres)
2.00 pm analysis (21st June)
Darley Road motorway operations complex (MOC1)
Leichhardt

Substation (around 4 metres)
Water treatment facility (around 4 metres)
3.00 pm analysis (21st June)
Darley Road motorway operations complex (MOC1)
Leichhardt

Legend:
- Building/Structure shadow
- Project buildings and structures

Key: Plan N

Building/structure shadow
Project buildings and structures

Water treatment facility (around 4 metres)
Substation (around 4 metres)
9.00 am analysis (21st June)
Rozelle West motorway operations complex (MOC2)
Rozelle

- Western drainage channel
- City West Link
- Fire pump room and tanks (around 10 metres)
- Intake substation (around 10 metres)
- Ventilation supply facility (around 12 metres)
- New M5 to City West Link tunnel portals
- Pedestrian and cycle bridge between Rozelle Rail Yards and Railway Parade
- New M5 to City West Link tunnel portals
- Western drainage channel
- City West Link
- Fire pump room and tanks (around 10 metres)
- Intake substation (around 10 metres)
- Ventilation supply facility (around 12 metres)
- New M5 to City West Link tunnel portals
- Pedestrian and cycle bridge between Rozelle Rail Yards and Railway Parade

KEY PLAN

LEGEND
- Building/ structure shadow
- Project buildings and structures

TITLE
M4-M5 Link - Shadow diagrams and overshadowing
9.00 am analysis (21st June)
Rozelle West motorway operations complex (MOC2)
Rozelle

DRAWING
008

INDEX

SCALE
0 10 20 30 40 50 m

DATE
11/08/2017
AECOM GIS Printed Date: 9/08/2017
10.00 am analysis (21st June)
Rozelle West motorway operations complex (MOC2)
Rozelle

Intake substation (around 10 metres)

Fire pump room and tanks (around 10 metres)

Ventilation supply facility (around 12 metres)

Western drainage channel

City West Link

Brenan Street

Lilyfield Road

New M5 to City West Link tunnel portals

Pedestrian and cycle bridge between Rozelle Rail Yards and Railway Parade

Building/structure shadow

Project buildings and structures

Key Plan

N

10 20 30 40 50m

10.00 am analysis (21st June)
Rozelle West motorway operations complex (MOC2)
Rozelle
11.00 am analysis (21st June)
Rozelle West motorway operations complex (MOC2)
Rozelle

New M5 to City West Link tunnel portals
Pedestrian and cycle bridge between Rozelle Rail Yards and Railway Parade

City West Link
Brenan Street
Western drainage channel
Fire pump room and tanks (around 10 metres)
Intake substation (around 10 metres)
Ventilation supply facility (around 12 metres)

Building/structure shadow
Project buildings and structures

LEGEND
12:00 pm analysis (21\textsuperscript{st} June)
Rozelle West motorway operations complex (MOC2)
Rozelle

- Intake substation (around 10 metres)
- Fire pump room and tanks (around 10 metres)
- Ventilation supply facility (around 12 metres)

- Pedestrian and cycle bridge between Rozelle Rail Yards and Railway Parade
- New M5 to City West Link tunnel portals

**Legend**
- Building/structure shadow
- Project buildings and structures
1.00 pm analysis (21st June)
Rozelle West motorway operations complex (MOC2)
Rozelle

Pedestrian and cycle bridge between Rozelle Rail Yards and Railway Parade

Intake substation (around 10 metres)

Ventilation supply facility (around 12 metres)

Fire pump room and tank (around 10 metres)

New M5 to City West Link tunnel portals

Western drainage channel

City West Link

Brenan Street

Lilyfield Road

City West Link

Legend:
- Building/structure shadow
- Project buildings and structures

Key Plan:
- N
- 10 20 30 40 50m

Scale:
- 0 10 20 30 40 50m

Key:
- Title: M4-M5 Link - Shadow diagrams and overshadowing
- 1.00 pm analysis (21st June)
- Rozelle West motorway operations complex (MOC2)
- Rozelle
- Drawing: 012
- Revision: B
- Date: 11/08/2017
Pedestrian and cycle bridge between Rozelle Rail Yards and Railway Parade

Ventilation supply facility (around 12 metres)

Intake substation (around 10 metres)

Fire pump room and tanks (around 10 metres)

New M5 to City West Link tunnel portals

Building/ structure shadow

Project buildings and structures

Western drainage channel

City West Link

Brenan Street

Lilyfield Road

City West Link

2.00 pm analysis (21st June)
Rozelle West motorway operations complex (MOC2)
Rozelle

New M5 to City West Link tunnel portals

Pedestrian and cycle bridge between Rozelle Rail Yards and Railway Parade

Ventilation supply facility (around 12 metres)

Intake substation (around 10 metres)

Fire pump room and tanks (around 10 metres)

Building/ structure shadow

Project buildings and structures

Western drainage channel

City West Link

Brenan Street

Lilyfield Road

City West Link

2.00 pm analysis (21st June)
Rozelle West motorway operations complex (MOC2)
Rozelle
**TITLE**
M4-M5 Link - Shadow diagrams and overshadowing

3.00 pm analysis (21st June)
Rozelle West motorway operations complex (MOC2) Rozelle

**NEW M5 to City West Link tunnel portals**

**Pedestrian and cycle bridge between Rozelle Rail Yards and Railway Parade**

**VENTILATION SUPPLY FACILITY**
(around 12 metres)

**INTAKE SUBSTATION**
(around 10 metres)

**FIRE PUMP ROOM AND TANKS**
(around 10 metres)

**KEY PLAN**
N
Building/structure shadow
Project buildings and structures

**SCALE**
0 10 20 30 40 50m

**DATE**
11/08/2017

**DRAWING**
014

**REVISION**
B

**AECOM GIS Printed Date:** 9/08/2017
**M4-M5 Link - Shadow diagrams and overshadowing**

**SCALE**

**LEGEND**
- Building/structure shadow
- Project buildings and structures

**KEY PLAN**

- Western drainage channel
- Northern drainage channel
- Land bridge between Rozelle Rail Yards and The Crescent
- Proposed future Western Harbour Tunnel and Beaches Link connections tunnel portals
- Ventilation outlets (around 35 metres)
- Ventilation exhaust facility
- Building/structure shadow
- Land bridge between Rozelle Rail Yards and The Crescent
- Whites Creek outlet
- City West Link
- The Crescent
- Denison Street
- Lulyfield Road

**12.00 pm analysis (21st June)**
Rozelle East motorway operations complex (MOC3)
Rozelle

**11/08/2017**
2.00 pm analysis (21st June)

Rozelle East motorway operations complex (MOC3)

Rozelle

Ventilation
exhaust facility

Water treatment
facility
(around 10 metres)

Pedestrian bridge

Ventilation outlets
(around 35 metres)

Northern drainage channel

Western drainage channel

Proposed future Western Harbour Tunnel and
Beaches Link connections tunnel portals

Land bridge between
Rozelle Rail Yards and
The Crescent

Whites Creek outlet

City West Link

The Crescent

DENISON STREET
Lilyfield Road

LEGEND

Building/ structure shadow

Project buildings and structures
- Proposed future Western Harbour Tunnel and Beaches Link connections tunnel portals
- Land bridge between Rozelle Rail Yards and The Crescent
- Pedestrian bridge
- Ventilation outlets (around 35 metres)
- Ventilation exhaust facility
- Constructed wetland
- Water treatment facility (around 10 metres)
- Whites Creek outlet
- Northern drainage channel
- Western drainage channel
- City West Link
- The Crescent

**LEGEND**
- Building/structure shadow
- Project buildings and structures