Appendix A

Concept Design
ROCKDALE COUNCIL

MR168 MARSH STREET
WIDENING TO SIX LANES
FROM M5 EAST MOTORWAY TO COOKS RIVER, ARNCLIFFE

CONCEPT DESIGN

PREPARED BY
ROAD DESIGN ENGINEERING
ENGINEERING SERVICES
ASSET MAINTENANCE

DESIGNED

NAME: .................
SIGNED: ................. DATE: .................

DESIGN REVIEW

NAME: .................
SIGNED: ................. DATE: .................

Design Manager: ROAD DESIGN ENGINEERING
Principal: ROAD DESIGN ENGINEERING

These drawings have been checked taken to site and verified that the structures and consonance are consistent with the conditions and constraints. The drawings are recommended for acceptance.

These drawings have been prepared for Design Review.

These drawings have been prepared for Design.

These drawings have been prepared for Project Development.

These drawings have been prepared for Project Management.

D. Connell

Road Design Engineering
Engineering Services
Asset Maintenance

ROCKDALE COUNCIL

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D. Connell

Road Design Engineering
Engineering Services
Asset Maintenance
ASSOCIATED DRAWINGS

3D UTILITY SURVEY AND POTHOLING

DS2014/0000184

LOCALITY MAP

SHEET INDEX

DESCRIPTION
SHEET
COVER
01
INDEX AND LOCATION MAP
02
TYPICAL CROSS SECTIONS
03-04
PLAN
05-06
LONITUDINAL SECTION
08-10
DRAINAGE AND UTILITIES
11-13
CROSS SECTIONS
14-21

REFER TO SHEETS 11 TO 13 FOR PUBLIC UTILITY DETAILS

ROADS AND MARITIME SERVICES

ROADS AND MARITIME SERVICES
ROCKDALE COUNCIL AREA
MR168 MARSH STREET, ARNCLIFFE
WIDENING TO SIX LANES
FROM M5 EAST MOTORWAY TO COOKS RIVER
INDEX AND LOCATION MAP

19/02/2015

DS2014/000287

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TYPICAL CROSS SECTION WEST OF INNESDALE ROAD (CH 300)

TYPICAL CROSS SECTION WEST OF VALDA AVENUE (CH 50)

* FENCE TOP TO BE INSTALLED ALONG PROPOSED BOUNDARY. THIS MAY INCLUDE SCREEN FENCING FOR THE GOLF COURSE, LENGTH AND HEIGHT OF SCREEN FENCE TO BE DETERMINED.

PEDESTRIANS, CYCLISTS AND MAINTENANCE ACCESS

3.5m WIDE SEPARATED PATH FOR PEDESTRIANS, CYCLISTS AND MAINTENANCE ACCESS

W BEAM SAFETY BARRIER

FOOTWAY

PEDESTRIAN FENCE

2.0m WIDE FOOTPATH

REFER TO SHEETS 11 TO 13 FOR PUBLIC UTILITY DETAILS

ROADS AND MARITIME SERVICES

ROCKDALE COUNCIL AREA
MR119 MARSH STREET, ARNCLIFFE
WIDENING TO SIX LANES
FROM M5 EAST MOTORWAY TO COOKS RIVER
TYPICAL CROSS SECTIONS

DS2014/000287
TYPICAL CROSS SECTION SOUTH OF GIOVANNI BRUNETTI BRIDGE (CH 680)

TYPICAL CROSS SECTION EAST OF FUTURE GERTRUDE STREET EXTENSION (CH 480)

* FENCE TOP TO BE INSTALLED ALONG PROPOSED BOUNDARY.
  THIS MAY INCLUDE SCREEN FENCING FOR THE GOLF COURSE.
  LENGTH AND HEIGHT OF SCREEN FENCE TO BE DETERMINED.

REFER TO SHEETS 11 TO 13 FOR PUBLIC UTILITY DETAILS

PEDESTRIAN FENCE
PROPOSED RETAINING WALL

SEPARATED PATH FOR PEDESTRIANS AND CYCLISTS

ONE WAY WESTBOUND PATH FOR CYCLISTS

FOOTWAY
MEAN
W/B
NOTES:
1. SCREEN FENCING WILL BE REQUIRED ALONG THE GOLF COURSE BOUNDARY LOCATION AND HEIGHT TO BE CONFIRMED.
2. DUCTS ARE TO BE INSTALLED FOR FUTURE TRAFFIC SIGNALS AT THE INTERSECTION WITH THE FUTURE GERTRUDE STREET EXTENSION.
3. DUCTS ARE TO BE INSTALLED FOR A FUTURE MARKED FOOT CROSSING ON INTERSECTION WITH THE FUTURE GERTRUDE STREET EXTENSION.
4. SCREEN FENCING WILL BE REQUIRED ALONG THE GOLF COURSE BOUNDARY.
5. MILL AND RESHEET.
6. CONCRETE PAVING.
7. SEPARATED PATH.
8. CYCLE PATH.
9. PEDESTRIAN FENCE.
10. DIGITISED BOUNDARIES.
11. DP OVERLAY BOUNDARIES.
12. PROPOSED BOUNDARIES.
13. RETAINING WALL.
14. NEW PAVEMENT.
15. FOOT CROSSING TO BE ADDED STAGED SIGNALISED MARKED FOOT CROSSING TO BE ADDED.
16. CONTROL MC00
17. SIGNALISED INTERSECTION (TCS 1090) TO BE UPGRADED.
18. SEE NOTE 3.
19. (TCS 1039) TO BE UPGRADED SIGNALISED INTERSECTION.
20. 2.0m WIDTH SEPARATED PATH.
21. 3.5m WIDE SEPARATED PATH TO REPLACE EXISTING NEW PEDESTRIAN FENCE.
22. SEE NOTE 2.
23. FUTURE SIGNALISED INTERSECTION WITH GERTRUDE STREET EXTENSION SEE NOTE 2.
24. GROUND LEVEL TO RELEIVE UPSTREAM FLOODING.
25. CROSSOVER POINT FOR MAJOR FLOODS GAP TO BE PROVIDED IN MEDIAN TO ALLOW.
26. TO ALLOW UPSTREAM FLOODING.
27. GAP TO BE PROVIDED IN MEDIAN TO ALLOW A CROSSOVER POINT FOR MAJOR FLOOBS AND TO RELIEVE UPSTREAM FLOODING.
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29. GAP TO BE PROVIDED IN MEDIAN TO ALLOW A CROSSOVER POINT FOR MAJOR FLOOBS AND TO RELIEVE UPSTREAM FLOODING.
30. TCS 1039 TO BE UPGRADED SIGNALISED INTERSECTION.
31. 1.5m WIDE RAISED MEDIAN WITH GERTRUDE STREET EXTENSION TURN LANES FOR FUTURE INTERSECTION.
32. PROVISION FOR FUTURE DUAL RIGHT SINGLE RIGHT TURN LANE WITH GERTRUDE STREET EXTENSION.
33. SEE NOTE 3.
34. (TCS 1039) TO BE UPGRADED SIGNALISED INTERSECTION.
35. AND TO RELEIVE UPSTREAM FLOODING.
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**ROADS AND MARITIME SERVICES**

**ROCKDALE COUNCIL AREA**

**MR168 MARSH STREET, ARNCLIFFE**

**WIDENING TO SIX LANES**

**FROM M5 EAST MOTORWAY TO COOKS RIVER**

**PLAN - CH 520 TO CH 740**

**NOTES:**

1. SCREEN FENCING WILL BE REQUIRED ALONG THE GOLF COURSE BOUNDARY, LOCATION AND HEIGHT TO BE CONFIRMED.

2. DUCTS ARE TO BE INSTALLED FOR FUTURE TRAFFIC SIGNALS AT THE LOCATION AND HEIGHT TO BE CONFIRMED.

3. DUCTS ARE TO BE INSTALLED FOR A FUTURE MARKED FOOT CROSSING ON INTERSECTION WITH THE FUTURE GERTRUDE STREET EXTENSION.

**REFERENCE SHEETS:**

11 TO 13 FOR PUBLIC UTILITY DETAILS

**DIGITISED BOUNDARIES**

**DP OVERLAY BOUNDARIES**

**PROPOSED BOUNDARIES**

**RETAINING WALL**

**NEW PAVEMENT**

**MILL AND RESHEET**

**CONCRETE PAVING**

**SEPARATED PATH**

**CYCLE PATH**

**PEDESTRIAN FENCE**

**ADVANCED CONCEPT DESIGN 18/02/2015**

**EJB BRIDGE**

**GIOVANNI BRUNETTI BRIDGE**

**KOGARAH GOLF CLUB**

**ONE WAY WESTBOUND CYCLE PATH**

**NEW PEDESTRIAN FENCE**

**CONCRETE BARRIER**

**END OF PROPOSED CRASH CUSHION AT**

**LINED DRAIN**

**NEW CONCRETE**

**3.5m WIDE SEPARATED PATH**

**PATH TO BE WIDENED ON NORTH SIDE OF BRIDGE (SEPARATE PROJECT)**

**3.7m WIDE SEPARATED PATH**

**PROPOSED TYPE F CONCRETE SAFETY BARRIER**

**PROPOSED VMS SITE**

**AREA 2m WIDE X 8m LONG**

**(SEPARATE PROJECT)**

**TO REPLACE EXISTING**

**NEW PEDESTRIAN FENCE**

**2.0**

**SEPARATE PROJECT**

**PROPOSED VMS SITE**

**PATH TO BE WIDENED**

**MAX HEIGHT 2.0m**

**MAX HEIGHT 1.8m**

**(MAX HEIGHT 1.8m)**

**BARRIER**

**CONCRETE SAFETY WALL**

**PROPOSED TYPE F**

**PROPOSED 3.7m WIDE SEPARATED PATH**

**3.5m WIDE SEPARATED PATH**

**CRASH CUSHION AT END OF PROPOSED CONCRETE BARRIER**

**MR168**

**REVIEWED... P.K.WASSELL**

**DESIGNED... P.K.WASSELL**

**REVIEWED... P.K.WASSELL**

**8/02/2015**

**USING... USER: cartwright**

**ADVANCED CONCEPT DESIGN 18/02/2015**

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**PRINTED DATE:**

19/02/2015
CROSS SECTIONS 0 - 220

VA L DA AV E NU E
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HORIZONTAL ALIGNMENT
INSTANTANEOUS GRADE
DESIGN LEVELS
EXISTING LEVELS
CHAINAGE

DATUM R.L. -2.000

1 .1 3 0 %
0 .4 7 4 %
0 .1 9 5 %
-0 .9 5 3 %
-1 .5 8 6 %
-2 .1 4 2 %
-2 .9 6 5 %
-3 .6 3 6 %
-4 .0 9 0 %
-4 .4 0 3 %
-4 .7 2 6 %
-4 .9 0 9 %
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-2 .8 3 6 %
-2 .7 2 3 %
-2 .3 5 5 %
-1 .6 8 9 %
-1 .0 6 0 %
-0 .8 3 1 %

7 .7 8 3
7 .8 9 6
7 .9 4 3
7 .9 6 2
7 .8 6 7
7 .7 0 9
7 .4 9 4
7 .2 0 8
6 .8 3 4
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5 .9 8 5
5 .5 1 2
5 .0 2 1
4 .5 3 9
4 .1 2 1
3 .7 3 5
3 .3 9 6
3 .1 1 2
2 .8 4 0
2 .6 0 4
2 .4 3 6
2 .3 3 0
2 .2 4 7

0 .0 0 0

5 8 .4 5 6
7 2 .8 7 2
1 5 2 .2 0 0
1 5 4 .4 5 5

2 0 0 .0 0 0
1 9 0 .0 0 0
1 8 0 .0 0 0
1 7 0 .0 0 0
1 6 0 .0 0 0
1 5 0 .0 0 0
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1 2 0 .0 0 0
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6 0 .0 0 0
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LONGITUDINAL SECTION ALONG CONTROL LINE MC00

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2. Coordinate System: MGA Zone 56
3. Height Datum: A.H.D.
4. SCALES: SCALE 1:400m
5. This sheet may be prepared using colour and may be incomplete if copied

ROADS AND MARITIME SERVICES
ROCKDALE COUNCIL AREA
MR169 MARSH STREET, ARNCLIFFE
WIDENING TO SIX LANES
FROM M5 EAST MOTORWAY TO COOKS RIVER
CROSS SECTIONS CH 0 - 220

ADVANCED CONCEPT DESIGN 18/02/2015

FILE No.: SF2014/018782
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PRINTED DATE: 19/02/2015
REGISTRATION NUMBER: DS2014/000287

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ROADS AND MARITIME SERVICES
ROCKDALE COUNCIL AREA
MR169 MARSH STREET, ARNCLIFFE
WIDENING TO SIX LANES
FROM M5 EAST MOTORWAY TO COOKS RIVER
CROSS SECTIONS CH 0 - 220

ADVANCED CONCEPT DESIGN 18/02/2015

FILE No.: SF2014/018782
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LONGITUDINAL SECTION ALONG CONTROL LINE MC00

DATUM R.L. -3.000

HORIZONTAL ALIGNMENT

INSTANTANEOUS GRADE

DESIGN LEVELS

EXISTING LEVELS

CHAINAGE

R=750.000
R=650.000

LONGITUDINAL SECTION ALONG CONTROL LINE MC00

REFER TO SHEETS 11 TO 13 FOR PUBLIC UTILITY DETAILS
1. The location of services at the site depicted on this plan have been partially surveyed and are shown on RMS Drawing 052/2012/2016. To determine the nature and extent of this survey work, reference must be made to this drawing prior to the commencement of roadworks, and the relevant utility plans obtained by calling PH 1100 or FAX 1300527077 (DIAL BEFORE YOU DIG). Caution should be exercised when working in the vicinity of all utility services.

2. Overheight vehicle detectors are to be relocated and are to remain operational during construction.

3. The concept pavement drainage design is based on a pavement drainage strategy developed by Lval and Associates and is indicative only.

4. A lighting assessment is to be undertaken during the design phase. All new and relocated light poles are to be located behind proposed cycle and shared paths in affected areas.

ROADS AND MARITIME SERVICES
ROCKDALE COUNCIL AREA
MR168 MARSH STREET, ANNCLIFFE
WIDENING TO SIX LANES
FROM MS EAST MOTORWAY TO COOKS RIVER
DRAINAGE AND UTILITIES - CH 0 TO CH 220

PUBLIC UTILITY LEGEND

WATER HYDRANT
STOP VALVE
WATER METER
WATER AIR VALVE
TELESTRA PIT
LIGHT POLE
POWER & LIGHT POLE
ELECT. JUNCTION BOX
GAS TEST POINT
GAS VALVE
GAS METER
GAS PIPELINE MARK
SEWER MANHOLE
NOTES:

1. THE LOCATION OF SERVICES AT THE SITE DEPICTED ON THIS PLAN HAVE BEEN
   PARTIALLY SURVEYED AND ARE SHOWN ON RMS DRAWING DS2012000184.

2. THE CONCEPT PAVEMENT DRAINAGE DESIGN IS BASED ON A PAVEMENT DRAINAGE
   STRATEGY DEVELOPED BY L.YALL AND ASSOCIATES AND IS INDICATIVE ONLY.

3. A LIGHTING ASSESSMENT IS TO BE UNDERTAKEN DURING THE DETAIL DESIGN
   PHASE, ALL NEW AND RELOCATED LIGHT POLES ARE TO BE LOCATED BEHIND
   PROPOSED CYCLE AND SHARED PATHS IN AFFECTED AREAS.

REVIEWER: P.K. WASSELL

DS2014/000287
NOTES:
1. The location of services at the site depicted on this plan have been partially surveyed and are shown on RMS drawing DS2012/000184. To determine the nature and extent of this survey work, reference must be made to this drawing prior to the commencement of roadworks, and the relevant utility plans obtained by dialling PH 1100 or FAX 1300652077 (call before you dig). Caution should be exercised when working in the vicinity of all utility services.
2. The concept pavement drainage design is based on a pavement drainage strategy developed by VALL and Associates and is indicative only.
3. A lighting assessment is to be undertaken during the detail design phase. All new and relocated light poles are to be located behind proposed cycle and shared paths in affected areas.

REFERENCES:
- The location of services at the site depicted on this plan have been partially surveyed and are shown on RMS drawing DS2012/000184. To determine the nature and extent of this survey work, reference must be made to this drawing prior to the commencement of roadworks, and the relevant utility plans obtained by dialling PH 1100 or FAX 1300652077 (call before you dig). Caution should be exercised when working in the vicinity of all utility services.
- The concept pavement drainage design is based on a pavement drainage strategy developed by VALL and Associates and is indicative only.
- A lighting assessment is to be undertaken during the detail design phase. All new and relocated light poles are to be located behind proposed cycle and shared paths in affected areas.
PROPOSED BOUNDARY

EXISTING LEVELS

EXISTING OFFSETS

DESIGN LEVELS

DESIGN OFFSETS

DESIGN

CUT STRINGS

R.L. -1.00

R.L. 0.00

R.L. 220

R.L. 240

R.L. 260

R.L. 320

R.L. 300

R.L. 280

LEGEND

CONSTRUCTION LINE

EXISTING FENCE

PROPOSED BOUNDARY

220

240

260

280

300

320

LEGEND

SHEETS 11 TO 13 FOR PUBLIC UTLITY DETAILS
REFER TO SHEETS 11 TO 13 FOR PUBLIC UTILITY DETAILS

ROAD AND MARITIME SERVICES
ROCKDALE COUNCIL AREA
MR16 MARSH STREET, ANNCLIFFE
WIDENING TO SIX LANES
FROM M5 EAST MOTORWAY TO COOKS RIVER
CROSS SECTIONS CH 580 - 620

LEGEND

CONTROL LINE | EXISTING FENCE | PROPOSED BOUNDARY

Scales

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PRINTED DATE 19/02/2015
REGISTRATION NUMBER DS2014/000287
Appendix B

Consideration of clause 228(2) factors and matters of national environmental significance
Clause 228(2) Checklist

In addition to the requirements of the *Is an EIS required?* guideline as detailed in the REF, the following factors, listed in clause 228(2) of the *Environmental Planning and Assessment Regulation 2000*, have also been considered to assess the likely impacts of the proposal on the natural and built environment.

<table>
<thead>
<tr>
<th>Factor</th>
<th>Impact</th>
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<tbody>
<tr>
<td>a. Any environmental impact on a community? The construction work would be likely to cause traffic delays and cause disturbance to local residents through construction noise. The work would be staged to minimise traffic impacts. Noise management measures would be put in place during construction to minimise noise impacts</td>
<td>Short-term impact</td>
</tr>
<tr>
<td>b. Any transformation of a locality? The proposal would require the acquisition of some land from Rockdale City Council (Kogarah Golf Club). This would not be likely to transform the locality.</td>
<td>Nil</td>
</tr>
<tr>
<td>c. Any environmental impact on the ecosystems of the locality? The proposal would require the removal of mangroves from a drainage channel and the removal of some exotic/native vegetation. The area of mangroves is small and there are larger areas of mangroves in the wider area.</td>
<td>Minor impact</td>
</tr>
<tr>
<td>d. Any reduction of the aesthetic, recreational, scientific or other environmental quality or value of a locality? The proposal would impact the Kogarah Golf Course. However the acquisition of part of the course is not expected to be a substantial impact in the longer term. The proposal would improve bicycle and pedestrian connectivity in the area</td>
<td>Minor long-term impact and positive long-term impact</td>
</tr>
<tr>
<td>e. Any effect on a locality, place or building having aesthetic, anthropological, archaeological, architectural, cultural, historical, scientific or social significance or other special value for present or future generations? There would be no impact on the locality, place or building having aesthetic, anthropological, archaeological, architectural, cultural, historical, scientific or social significance or other special value for present or future generations</td>
<td>Nil</td>
</tr>
<tr>
<td>f. Any impact on the habitat of protected fauna (within the meaning of the <em>National Parks and Wildlife Act 1974</em>)? There would be no impact on habitat of protected fauna (within the meaning of the <em>National Parks and Wildlife Act 1974</em>)</td>
<td>Nil</td>
</tr>
<tr>
<td>g. Any endangering of any species of animal, plant or other form of life, whether living on land, in water or in the air? No species would be endangered by the proposal</td>
<td>Nil</td>
</tr>
<tr>
<td>Factor</td>
<td>Impact</td>
</tr>
<tr>
<td>--------</td>
<td>--------</td>
</tr>
<tr>
<td>h. Any long-term effects on the environment? The removal of the mangroves would be a long-term impact. The repair of the valves on the outlet would prevent mangroves growing there in the future.</td>
<td>Long-term impact</td>
</tr>
<tr>
<td>i. Any degradation of the quality of the environment? The proposal would require the removal of vegetation. Landscaping would take place after construction to revegetate impacted areas</td>
<td>Short-term impact</td>
</tr>
<tr>
<td>j. Any risk to the safety of the environment? The proposal would provide a dedicated cycle path on the south side of Marsh Street. This would improve safety for cyclists</td>
<td>Long-term positive</td>
</tr>
<tr>
<td>k. Any reduction in the range of beneficial uses of the environment? There would be no reduction in the beneficial uses of the environment</td>
<td>Nil</td>
</tr>
<tr>
<td>l. Any pollution of the environment? There is potential for sediment release to the Cooks River. Erosion and sediment control measures would be implemented to minimise this impact.</td>
<td>Potential short-term impact</td>
</tr>
<tr>
<td>m. Any environmental problems associated with the disposal of waste? There would be no problems associated with the disposal of waste</td>
<td>Nil</td>
</tr>
<tr>
<td>n. Any increased demands on resources (natural or otherwise) that are, or are likely to become, in short supply? The proposal is relatively small and would not place large demands on resources</td>
<td>Nil</td>
</tr>
<tr>
<td>o. Any cumulative environmental effect with other existing or likely future activities? The proposal has the potential to cause cumulative impact with the Mercure Hotel development.</td>
<td>Potential short-term impact</td>
</tr>
<tr>
<td>p. Any impact on coastal processes and coastal hazards, including those under projected climate change conditions? There would be no impact on coastal processes and coastal hazards, including those under projected climate change conditions.</td>
<td>Nil</td>
</tr>
</tbody>
</table>
Matters of National Environmental Significance

Under the environmental assessment provisions of the *Environment Protection and Biodiversity Conservation Act 1999*, the following matters of national environmental significance and impacts on Commonwealth land are required to be considered to assist in determining whether the proposal should be referred to the Australian Government Department of Sustainability, Environment, Water, Population and Communities.

<table>
<thead>
<tr>
<th>Factor</th>
<th>Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Any impact on a World Heritage property?</td>
<td>Nil</td>
</tr>
<tr>
<td>b. Any impact on a National Heritage place?</td>
<td>Nil</td>
</tr>
<tr>
<td>c. Any impact on a wetland of international importance?</td>
<td>Nil</td>
</tr>
<tr>
<td>d. Any impact on a listed threatened species or communities?</td>
<td>Nil</td>
</tr>
<tr>
<td>e. Any impacts on listed migratory species?</td>
<td>Nil</td>
</tr>
<tr>
<td>d. Any impact on a Commonwealth marine area?</td>
<td>Nil</td>
</tr>
<tr>
<td>g. Does the proposal involve a nuclear action (including uranium mining)?</td>
<td>Nil</td>
</tr>
</tbody>
</table>

Additionally, any impact (direct or indirect) on Commonwealth land? Nil
Appendix C

Communications Strategy
AIRPORT WEST PRECINCT - WESTCONNEX ENABLING WORKS MARSH STREET WIDENING

Communication strategy

DECEMBER 2014

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## DOCUMENT CONTROL

### Objective References

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**Objective Document Location**


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<td>0.1</td>
<td>Cleo Andrews</td>
<td>10/12/14</td>
<td>First draft</td>
</tr>
<tr>
<td>0.2</td>
<td>Claire Price</td>
<td>19/12/14</td>
<td>Review changes</td>
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<th>Name</th>
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</table>

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</table>
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1. BACKGROUND

1.1 Overview
Marsh Street, Arncliffe is the primary connection to the Sydney Airport international terminal and is a key access point for the M5 Motorway and Sydney’s southern suburbs.

The NSW Government is funding the Airport West proposal, which involves widening Marsh Street to three lanes westbound to relieve congestion and improve traffic flow.

The Airport West proposal is part of a suite of planned upgrades which will complement Sydney Airport’s upgrades to the internal airport road network and support the future development of the WestConnex motorway.

1.2 Project location
Marsh Street is located west of the Sydney Airport precinct in the suburb of Arncliffe. The project is in the Rockdale local government area (LGA) and the state electorate of Rockdale.

A map of the local area showing the project location is available in Appendix A.

1.3 Features and benefits
The key features of the Airport West proposal include:
- Widening Marsh Street to three lanes westbound between the Giovanni Brunetti Bridge and the M5 interchange, meaning Marsh Street would be three lanes in both directions
- Providing a dedicated cycleway on the southern side of Marsh Street to connect the existing westbound path on the Giovanni Brunetti bridge to the Eve Street Cycleway at the western end of Marsh Street
- Providing a new signalised pedestrian crossing at the existing signalised intersection of Marsh Street and Flora Street
- Minor widening of the existing eastbound and westbound lanes to provide wider, safer lanes for motorists.

The project would:
- Increase traffic capacity and reduce congestion on Marsh Street for westbound traffic
- Improve cycle access in the area and increase safety for cyclists
- Improve pedestrian access in the area.

1.4 Project milestones

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project announced</td>
<td>June 2014</td>
</tr>
<tr>
<td>Consultation on concept design</td>
<td>December 2014 - January 2015</td>
</tr>
<tr>
<td>Consultation report</td>
<td>February 2015</td>
</tr>
</tbody>
</table>
2  OBJECTIVES

2.1 Project objectives

- Reduce current levels of congestion and enhance throughput for westbound road traffic
- Provide sufficient road capacity westbound to accommodate 2018 projected traffic growth, where feasible
- Maintain or improve road safety
- Minimise environmental and work health and safety (WHS) risks during road construction
- Provide a constructible design solution
- Maintain existing flood immunity
- Provide a fit-for-purpose urban landscape outcome that complements the surrounding urban environment
- Minimise the social and environmental impacts of the development including minimising the property acquisition footprint, where possible
- Provide value for money.

2.2 Communication objectives

- Build awareness of the entire Sydney Airport precinct program and related projects based on delivery of a connected and collaborative approach for better combined transport outcomes
- Provide regular and timely information to community and stakeholders on each project while also referencing the broader program context and outcomes
- Provide clear and concise information about when we are seeking feedback from the community and stakeholders
- Ensure impacts on community members and stakeholders are evaluated on a continuous basis and this information is then used to inform the decision-making process
- Work with partner agencies and SACL to ensure consistent messaging, aligned consultation and collaborative approach to help avoid confusion for the community and stakeholders.
3  STAKEHOLDERS

3.1 Stakeholder analysis
Appendix B contains a detailed stakeholder analysis for the Airport West proposal.

3.2 High level stakeholder list
Key stakeholders for the project are listed below.

- Government:
  o Minister for Roads and Freight, Duncan Gay
  o Federal Government
  o Transport for NSW
  o UrbanGrowth NSW

- State MP:
  o Member for Rockdale, John Flowers (Lib)

- Federal MP:
  o Member for Barton, Nickolas Varvaris (Lib)

- Local councils:
  o Rockdale City Council

- Residents and businesses near the project area
- Road users
- Community groups
- Transport groups including active transport
- Media

4  KEY MESSAGES

Key messages will be developed and updated as the project progresses to ensure consistency across all communication and engagement activities.

Project team members should be aware of the key messages to ensure consistency of information is shared with the community and stakeholders.

- The NSW Government is funding the Airport West proposal
- The project would increase traffic capacity and reduce congestion on Marsh Street for westbound traffic and improve safety and access for cyclists and pedestrians
- The Airport West proposal is part of a suite of proposed upgrades which would complement Sydney Airport’s upgrades to the internal airport road network and support the future development of the WestConnex motorway
- Roads and Maritime will work with Rockdale Council to ensure the proposal does not compromise the future Gertrude Street extension
- Roads and Maritime recognises the importance of involving the community in the development of this proposal and will continue to keep the community informed as the proposal progresses
5 COMMUNICATION APPROACH

5.1 Tools

The communication approach for the Airport West proposal includes a number of tools and activities to keep the community and stakeholders informed.

<table>
<thead>
<tr>
<th>Tool</th>
<th>Audience</th>
<th>Outcome</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project email address:</td>
<td>Community and stakeholders</td>
<td>The project email address will provide a channel for the community and stakeholders to contact the Roads and Maritime project team. Selected members of the project team will be responsible for monitoring, recording and coordinating responses to incoming emails.</td>
</tr>
<tr>
<td><a href="mailto:AirportWest@rms.nsw.gov.au">AirportWest@rms.nsw.gov.au</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project phone number:</td>
<td>Community and stakeholders</td>
<td>The project information line will provide a channel for the community and stakeholders to contact the Roads and Maritime project team. Selected members of the project team will be responsible for answering enquiries via a dedicated mobile phone.</td>
</tr>
<tr>
<td>1300 862 844</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project webpage:</td>
<td>Community, stakeholders and media</td>
<td>A project web page will be provided on the Roads and Maritime website. The web page will sit under the index page for the WestConnex enabling works program and will contain an overview of the proposal and project documents. It will be regularly updated throughout each stage of the project.</td>
</tr>
<tr>
<td><a href="http://www.rms.nsw.gov.au/roadprojects/AirportWest">www.rms.nsw.gov.au/roadprojects/AirportWest</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Consultation Manager database</td>
<td>Internal</td>
<td>Stakeholder management software Consultation Manager will be used to record stakeholder information including contact details, issues and activities.</td>
</tr>
<tr>
<td>Media releases and traffic alerts</td>
<td>Media</td>
<td>Media releases will be provided to the media to ensure they are kept updated on the project and enable them to disseminate information to the community.</td>
</tr>
<tr>
<td>Letterbox drops</td>
<td>Local residents and businesses</td>
<td>Communication material will be distributed via letterbox drops to residents and businesses to keep them informed about the proposal.</td>
</tr>
<tr>
<td>Briefings</td>
<td>MPs, council</td>
<td>Key stakeholders will be briefed to ensure they are kept updated on the project and enable them to disseminate information to the community.</td>
</tr>
<tr>
<td>Print advertisements</td>
<td>Wider community</td>
<td>Print advertisements will be used to inform the wider community about the project.</td>
</tr>
<tr>
<td>Doorknocks</td>
<td>Local businesses and residents</td>
<td>Residents and businesses will be doorknocked by the member of the project team to provide information about the proposal and invite feedback during consultation.</td>
</tr>
<tr>
<td>Variable message signs (VMS)</td>
<td>Motorists</td>
<td>VMS signs will be used to communicate traffic changes to road users.</td>
</tr>
<tr>
<td>LiveTraffic website</td>
<td>Local residents and businesses,</td>
<td>Information about road work will be provided to the Transport Management Centre to place on its website livetraffic.com.au to ensure road users are able to see when this work will impact on the road and potentially travel times.</td>
</tr>
<tr>
<td></td>
<td>wider community, road users, media</td>
<td></td>
</tr>
</tbody>
</table>
### 5.2 Activities

The following activities are planned and will be monitored throughout implementation with adjustments made as required.

<table>
<thead>
<tr>
<th>Communication activity</th>
<th>Audience</th>
<th>Responsibility</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project announcement - June 2014</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Information about Airport West included in the June 2014 Airport East community update</td>
<td>Residents, businesses, wider community</td>
<td>RMS Comms</td>
<td>Complete - 30/6/14</td>
</tr>
<tr>
<td>Project web page</td>
<td>Wider community, media</td>
<td>RMS Comms</td>
<td>Complete - 30/6/14</td>
</tr>
<tr>
<td>Project email and phone number established</td>
<td>Community</td>
<td>RMS Comms</td>
<td>Complete</td>
</tr>
<tr>
<td>Consultation Manager database established</td>
<td>Internal</td>
<td>RMS Comms / Project team</td>
<td>Complete</td>
</tr>
<tr>
<td><strong>Concept design consultation - December 2014</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Doorknock</td>
<td>Residents and businesses</td>
<td>RMS Comms / Project team</td>
<td>Complete - 8/12/14</td>
</tr>
<tr>
<td>Update web page</td>
<td>Wider community, media</td>
<td>RMS Comms</td>
<td>Complete - 8/12/14</td>
</tr>
<tr>
<td>Letterbox drop - ‘have your say’ community update</td>
<td>Residents and businesses</td>
<td>RMS Comms</td>
<td>Complete - 10/12/14</td>
</tr>
<tr>
<td>Briefings</td>
<td>Key stakeholders - Council, MP</td>
<td>Project team</td>
<td>Complete</td>
</tr>
<tr>
<td>Media release</td>
<td>Media</td>
<td>RMS Media</td>
<td>TBC</td>
</tr>
<tr>
<td><strong>Consultation outcome - February 2015</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Consultation report</td>
<td>Respondents</td>
<td>Project team</td>
<td></td>
</tr>
<tr>
<td>Letterbox drop - consultation outcome letter</td>
<td>Residents and businesses, respondents</td>
<td>RMS Comms</td>
<td></td>
</tr>
<tr>
<td>Update web page</td>
<td>Wider community, media</td>
<td>RMS Comms</td>
<td></td>
</tr>
<tr>
<td>Media release</td>
<td>Media</td>
<td>RMS Media</td>
<td></td>
</tr>
<tr>
<td>Communication activity</td>
<td>Audience</td>
<td>Responsibility</td>
<td>Status</td>
</tr>
<tr>
<td>------------------------</td>
<td>----------</td>
<td>----------------</td>
<td>--------</td>
</tr>
<tr>
<td><strong>Review of environmental factors (REF) - April 2015</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REF</td>
<td>Residents and businesses, wider community, key stakeholders</td>
<td>Project team / RMS Comms</td>
<td></td>
</tr>
<tr>
<td>Letterbox drop - letter to advise that REF is available to view</td>
<td>Residents and businesses, respondents</td>
<td>RMS Comms</td>
<td></td>
</tr>
<tr>
<td>Update web page</td>
<td>Wider community, media</td>
<td>RMS Comms</td>
<td></td>
</tr>
<tr>
<td><strong>Start of work - December 2015</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Letterbox drop - start of work letter</td>
<td>Residents and businesses</td>
<td>Contractor / RMS Comms</td>
<td></td>
</tr>
<tr>
<td>Doorknocks</td>
<td>Residents and businesses</td>
<td>Contractor</td>
<td></td>
</tr>
<tr>
<td>Variable message signs</td>
<td>Road users</td>
<td>Contractor</td>
<td></td>
</tr>
<tr>
<td>Media release / traffic alert</td>
<td>Media</td>
<td>RMS Media</td>
<td></td>
</tr>
<tr>
<td>Print advertisements</td>
<td>Wider community</td>
<td>RMS Comms / Ad bookings</td>
<td></td>
</tr>
<tr>
<td>Briefings</td>
<td>Key stakeholder - MP, Council</td>
<td>Project team</td>
<td></td>
</tr>
<tr>
<td><strong>Project completion - TBC</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Letterbox drop - project completion letter</td>
<td>Residents and businesses</td>
<td>Contractor / RMS Comms</td>
<td></td>
</tr>
<tr>
<td>Media release / traffic alert</td>
<td>Media</td>
<td>RMS Media</td>
<td></td>
</tr>
<tr>
<td>Opening event</td>
<td>Media, community, key stakeholders</td>
<td>RMS Media</td>
<td></td>
</tr>
</tbody>
</table>

### 6 EVALUATION

Activities will be monitored and evaluated against the communication objectives and desired project outcomes. Activity monitoring and evaluation will include:

- Delivery of communications material on time and within budget
- Recording the number and nature of comments received by the community at all stages of the program
- Evaluating the cohesiveness of intergovernmental and partner relations
- Responding to community enquiries and concerns in a timely manner.
APPENDIX A – PROJECT AREA

Widening of Marsh Street, Arncliffe to three lanes westbound

- New pedestrian crossing
- New third westbound lane
- New cycle path
- Widening of existing path
### APPENDIX B – STAKEHOLDER LIST

<table>
<thead>
<tr>
<th>Category</th>
<th>Stakeholders</th>
<th>Influence</th>
<th>Stakeholder issues</th>
<th>Communication activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Government agencies</td>
<td>Federal Government Transport for NSW UrbanGrowth NSW Sydney Buses WestConnex</td>
<td></td>
<td>Consultation and engagement during the development process&lt;br&gt;Project funding&lt;br&gt;Property acquisition&lt;br&gt;Cumulative construction and operational impacts&lt;br&gt;Interagency communication approach</td>
<td>Briefings and meetings, media releases</td>
</tr>
<tr>
<td>MPs</td>
<td>State MP: Member for Rockdale, John Flowers (Lib)&lt;br&gt;Federal MP: Member for Barton, Nickolas Varvaris (Lib)</td>
<td>High</td>
<td>Project funding&lt;br&gt;Construction and operational impacts to constituents&lt;br&gt;Improvements to transport services&lt;br&gt;Property acquisition</td>
<td>Media releases, community updates, briefings</td>
</tr>
<tr>
<td>Council</td>
<td>Rockdale City Council&lt;br&gt;Southern Sydney Regional Organisation of Council (SSROC)</td>
<td>High</td>
<td>Construction and operational impacts&lt;br&gt;Consultation and engagement during the development process&lt;br&gt;Potential changes to on-street parking&lt;br&gt;Property acquisition</td>
<td>Briefings and meetings, community updates</td>
</tr>
<tr>
<td>Business</td>
<td>Local businesses near the project area:&lt;br&gt;- Kogarah Golf Club&lt;br&gt;- Mercure Hotel Sydney International Airport&lt;br&gt;- Quality Hotel CKS Sydney Airport&lt;br&gt;- St George Rowing Club</td>
<td>Medium</td>
<td>Construction and operational impacts&lt;br&gt;Changes to access&lt;br&gt;Visual amenity&lt;br&gt;Property acquisition</td>
<td>Community updates, notification letters, doorknocks, project email address and phone number</td>
</tr>
<tr>
<td>Residents</td>
<td>Residents and property owners near the project area</td>
<td>Medium</td>
<td>Construction and operational impacts&lt;br&gt;Changes to access</td>
<td>Community updates, notification letters, doorknocks, project email</td>
</tr>
<tr>
<td>Category</td>
<td>Stakeholders</td>
<td>Influence</td>
<td>Stakeholder issues</td>
<td>Communication activities</td>
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<td>--------------------------------------------------------------</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Visual amenity</td>
<td>address and phone number</td>
</tr>
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<td></td>
<td></td>
<td></td>
<td>Property acquisition</td>
<td></td>
</tr>
<tr>
<td>Media</td>
<td>Local media</td>
<td>Medium</td>
<td>Project funding</td>
<td>Media releases</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Impacts to traffic during construction and operation</td>
<td></td>
</tr>
<tr>
<td>Transport users</td>
<td>Public transport users</td>
<td>Medium</td>
<td>Impacts to traffic during construction and operation, particularly peak hour westbound traffic</td>
<td>Print advertisements, project web page, media releases, traffic alerts</td>
</tr>
<tr>
<td></td>
<td>Road users</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Community groups</td>
<td>Business:</td>
<td>Low</td>
<td>Improvements to pedestrian and cycle access</td>
<td>Project web page, print advertisements, project email address and phone number, briefings as required</td>
</tr>
<tr>
<td></td>
<td>- Rockdale Chamber of Commerce Environment:</td>
<td></td>
<td>Environmental impacts</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Wolli Creek Preservation Society</td>
<td></td>
<td>Impacts to traffic during construction and operation</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Active transport groups</td>
<td></td>
<td>Wider community impacts of Sydney Airport precinct improvements</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Local indigenous groups</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emergency services</td>
<td>NSW Ambulance Service</td>
<td>Medium</td>
<td>Construction and operational impacts to traffic</td>
<td>Traffic alerts, notifications</td>
</tr>
<tr>
<td></td>
<td>NSW Fire and Rescue</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<td>NSW Police</td>
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Appendix D

ISEPP Consultation
21 October 2014

Stephen Kerr
Director for City Planning & Development
Rockdale City Council
PO Box 21
Rockdale
NSW 2216

Dear Stephen

RE: Consultation regarding proposed Marsh Street Upgrade

Roads and Maritime Services is proposing to undertake upgrade works at Marsh Street, Arncliffe. It has been determined that this proposal may cause a disruption to traffic that is not minor or inconsequential due to temporary traffic restrictions during construction where two council managed roads intersect with Marsh Street. The eastern and western extents of the proposal would also be located on flood liable land.

Under the State Environmental Planning Policy (Infrastructure) 2007 Clause 13, Roads and Maritime Services is required to consult with Rockdale City Council regarding this proposal. A brief outline of the proposal is attached to this letter. A Review of Environmental Factors for the proposal is currently being prepared.

It would be appreciated if you could provide any comments regarding this proposal by 12 November 2014.

Roads and Maritime Services would be pleased to provide further information if required. In this regard Claire Price may be contacted on 8849 2377 or by email Claire.Price@rms.nsw.gov.au.

Yours sincerely

Jonathan Dowling
ngnvironmental
On behalf of Roads and Maritime Services
Marsh Street Upgrade - Proposal description

The proposal is located in Marsh Street, Arncliffe, to the west of Sydney International Airport (refer to Figure 1). Marsh Street currently comprises three westbound lanes at the Giovanni Brunetti Bridge and three westbound lanes on the approach to the M5 intersection. Between Giovanni Brunetti Bridge and the M5 intersection Marsh Street reduces to two lanes.

The proposed works would involve the widening of Marsh Street between Giovanni Brunetti Bridge and the M5 intersection to provide continuous three lanes for westbound traffic. In addition the following are proposed:

- Widening of the eastbound lanes to provide consistent and safe eastbound and westbound lane widths. Widening will be provided by moving the median to the south without affecting the northern kerb line.
- Median and painted median separating eastbound and westbound road users.
- A dedicated cycle path on the south side of Marsh Street which would connect the existing concrete path on the Giovanni Brunetti Bridge at the east end of the proposal to the existing Eve Street Cycleway at the west end of the proposal. This dedicated cycle path widens to form a shared user path from the location of the future Gertrude Street intersection, to the western end of the project.
- Widening of the existing shared user path on the north side of Marsh Street on the approach to Giovanni Brunetti Bridge, east of the Levey Street turnoff.
- A pedestrian crossing across Marsh Street at the Flora Street intersection.

The project is proposed as part of the Airport Precinct program. The proposal works would extend south into Kogarah Golf Course.

The proposal would not change the current road network arrangement. However, construction works on Marsh Street may result in temporary traffic restrictions where Innesdale Street and Flora Street intersect with Marsh Street. The potential traffic impacts and mitigation measures would be identified during the Review of Environmental Factors (REF) process.

The proposal would be located on two areas of flood liable land:

- At the western extent of the works at the Eve Street Cycleway underpass
- At the eastern extent of the works around the open channel at Levey Street

Potential flooding impacts would be assessed in the REF.
A potential location for a compound site has been identified and is shown in Figure 2.

The proposal is expected to commence at the end of 2015 and take about six months to complete.