

Darrin Vance

From: @goldcoast.qld.gov.au
Sent: Tuesday, 10 December 2019 4:33 PM
To: TMR Cycle Grants
Cc: CRAMP Peter; PRASSER Nick; BIRD Wendy; HARRIS Justin
Subject: Applications open for 2020-21 Cycle Network Local Government Grants Program
Attachments: Not Relevant

Not Relevant
Not Relevant TRACKS-#
75016373-v1-2020-2021
_CNLGG_SUBMISSION_SURFERS_SOUTH_OCEANWAY_(....xlsx;
Not Relevant

Importance: High

Dear Adam

Thank you for the opportunity to submit applications for funding to construct cycling infrastructure on the Gold Coast through the State Government's Cycle Network Local Government Grant program.

Please find attached completed application forms for the following projects:

- Not Relevant
- Surfers South Oceanway (construction)
- Not Relevant

Supporting documentation will be sent separately via Drop Box.

The City looks forward to partnering with the State Government in 2020-21 to deliver high quality cycling infrastructure to encourage more people to cycle.

Kind regards

Tracy Clark
Coordinator Transport Infrastructure Program
Transport and Infrastructure
City of Gold Coast

T: 5582 8465 **M:** Not Relevant
PO Box 5042 Gold Coast Mail Centre Qld 9729
cityofgoldcoast.com.au



From: TMR Cycle Grants [mailto:TMR.Cycle.Grants@tmr.qld.gov.au]
Sent: Tuesday, 29 October 2019 4:26 PM
To: TMR Cycle Grants

Subject: Applications open for 2020-21 Cycle Network Local Government Grants Program

Importance: High

This email originates from outside of the City of Gold Coast. If suspicious send it to spam@goldcoast.qld.gov.au

Good afternoon,

Applications open for 2020-21 Cycle Network Local Government Grants Program

The Department of Transport and Main Roads (TMR) is pleased to invite applications for funding to construct cycling infrastructure as part of the 2020-21 Cycle Network Local Government Grants Program (CNLGG);

The objective of the program is to encourage more people to cycle, more often in Queensland by accelerating the delivery of the principal cycle network across the State.

Local governments with a published [Principal Cycle Network Plan](#) are eligible to apply for grant funding towards projects that will provide high quality cycling infrastructure on the highest priority routes of the principal cycle network. The following project types are available:

- **Highest Priority Route Options Analysis (Planning).** Up to 50% funding will be available to councils to undertake options analyses to develop a pipeline of quality projects for delivery of Highest Priority Routes on locally-controlled portions of the Principal Cycle Network (PCN).
- **Detailed Design**
 - **Standard Detailed Design** is for councils to complete a detailed design for a facility on the PCN. Up to 50% funding is available for successful projects.
 - Up to 100% grant funding towards **Priority Design Treatments**. This funding is for the detailed design of projects which will deliver high priority cycling treatments such as physical separation.
- **Construction.** Up to 50% funding will be available to councils to deliver construction projects. All construction projects must obtain approval of detailed designs from the CNLGG program to start construction.
- Up to 50% funding is available for **Infra+ projects** to undertake targeted promotion, engagement, behaviour change and educational activities associated with cycling infrastructure that:
 - Council is seeking funding in 2020-21 or
 - is for a cycling infrastructure project Council finished in 2019 that meets CNLGG funding criteria and technical requirements.
 - is for a construction project to be completed in 2019-20.

Further information on these projects can be found [here](#) on the TMR website or via the links in *Attachment 8 - Resources* of the Cycling Grants Guidelines provided.

Important dates

2020-21 Program	
Applications open	Now
Applications close	13 December 2019
2020-21 program announced	June/July 2020 ¹

¹Announced through the publication of the *Queensland Transport and Roads Investment Program (QTRIP)*.

How to apply

Included with this email is a funding application pack (Zip folder attached) with the following important documents:

1. **Cycling Grants Guidelines** – This document outlines program criteria, what projects are eligible for funding, the application and assessment process and other program information. Note: Attachments 4-7 of the Guidelines have not been attached due to size however these documents are available via the web links in Attachment 8.
2. **Active Transport Investment Program Technical Requirements** – This document outlines the technical requirements for design or construction projects being submitted for funding.
3. **How to Complete an Application** – This document should be reviewed **prior** to completing the application form as there are significant changes to previous year’s submissions.
4. **Project Application Form** – To be used for each project submission. Please fill out each for correctly, incomplete applications will not be accepted.
5. **Infra+ Proposal** – To be used with any submission for Infra+ funding.
6. **Highest Priority Route Options Analysis Application** – To be used for any submission of highest priority route options analysis funding.
7. **Frequently Asked Questions** – Potential questions and answers applicants might have about applying for funding.

Submitting your applications

There are two options for submitting your application and related attachments:

1. Email to tmr.cycle.grants@tmr.qld.gov.au. Please note, there is a 20MB size limit for emails to TMR.
2. Share the documents using office 365 or similar online service. Note, these services generally have size limits and can be slow to use if the files are large. Please contact the team if you would like to use this service.

If you have any further questions or issues please contact the Cycle Grants Team via email tmr.cycle.grants@tmr.qld.gov.au or phone (07) 3066 3802.

Kind regards,

Adam Rogers

Director, Active Transport | Transport Planning Projects

Transport Strategy and Planning | Department of Transport and Main Roads

Floor 14 | 61 Mary Street | Brisbane Qld 4000

GPO Box 213 | Brisbane Qld 4001

P: (07) 306 67540

M:

W: www.tmr.qld.gov.au

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Opinions contained in this email do not necessarily reflect the opinions of the Department of Transport and Main Roads, or endorsed organisations utilising the same infrastructure.



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Cycle Network Local Government Grants Program

APPLICATION FORM COMPLETE

Program Period	2020-2021
Application Round	Application Round 1 in 2020 - 2021

Timestamp	21 Nov 2019 01:45 PM
Application State	New
GUID	15282627-0003-490C-80F2-239FCA1F30F3
Incomplete Responses	0

Application Form

Please read the How to Complete an Application Form fact sheet before proceeding.
You must complete all fields on the application form. If there are any fields you do not understand, or if you want help with the form, please contact the Cycling Team.
When complete, please send an electronic copy of the completed application form (in the same Excel format), plus any supporting information to TMR.Cycle.Grants@tmr.qld.gov.au

- Yellow** Yellow fields are drop down lists. The provided answer, if any, must match an item in the list.
- Green** Green fields may be typed in.
- Hover over book icon on your expected responses.
- !** Either a response has not been provided, or the response is considered invalid. Please correct.

1. Applicant's Details

Provide the following information about your organisation and your role. These contact details will be used by the TMR Cycle Grants team for enquiries regarding this application.

Principal Cycle Network Plan Region
Select the Principal Cycle Network Plan relevant to your organisation.
South East Queensland

Local Government Name
Gold Coast CC

Does your local government have a total population of less than 50,000 people (using latest data)?
No

Application prepared by:

Name and Role / Position
Tracy Clark, Coordinator Transport Infrastructure Program

Phone Number
07 5582 8465

Email Address
TCLARK@goldcoast.qld.gov.au

2. Eligibility Checklist

Use this checklist to ensure your application is eligible for funding through this program. If you answer NO to any question, contact the TMR Cycle Grants team to discuss the special circumstances of your application before submitting an application to TMR.Cycle.Grants@tmr.qld.gov.au. Call (07) 3066 3802 for any queries.

Is the project on the PNCP?
Yes

Does the Project meet the required standards as set out in the Active Transport Investment Program Technical Requirements document and eligibility requirements outlined in the Program Guidelines?
That is, is it a project that is supported by the program, does the project meet the required minimum widths for it's type and location, does the project comply with relevant safety requirements, etc.
Yes

Can the project be started in the first financial year (2020 - 2021) of the grant?
Yes

3. Project Details

Provide the following information about the project you are applying for.

Project Name
Surfers South Oceanway (Laycock Street, Surfers Paradise to First Avenue, Broadbeach)

Project Type
Choose project type that applies to majority of your project
Construction

Project Summary
Example: This project is requesting a total of \$X in [years] to deliver Xkm of Xwide [project type] at [project location].
The project is requesting a total of \$3,500,000 (CNLGG funding) in year 2020-2021 for construction of 1.6 km of 4m wide Oceanway path from Laycock Street to First Avenue along the beach side of properties situated along Northcliffe Terrace, Garfield Terrace and Old Burleigh Road. The project will see a formalised, safe and equitable link in a key section of Oceanway. At a strategic level, the formalised Oceanway path will contribute to a more continuous network of high quality active transport facilities along the coastal cycle pedestrian route between Surfers Paradise and Broadbeach.

Project Location In Detail
Street name or other describing factor where project traverses, including start and finish points.
A map should also be provided to illustrate the project's location and its context.
The site for the Surfers South Oceanway (Oceanway) extends along existing road reserve (The Esplanade) between Eileen Peters Park at the northern end and First Avenue, Broadbeach at the southern end. A project site map is included in the Attachments. The project will be constructed in the road reserve.

Project Suburb Name
Choose location where majority of project traverses
SURFERS PARADISE

Principal Cycle Network Priority Route
Identify the Principal Cycle Network Priority Route the project is located on. A minimum of 30% or more of the project should be on the priority route selected. Please note funding under the Cycling Infrastructure Program is targeted at delivery of the Highest Priority Routes identified in the PCNP action plan.
Priority Route A

Route being completed

If your project is on a Highest Priority Route, please state which route you are completing. Refer to relevant Local Government PCN Prioritisation and Action Plan document.

This section of Oceanway between Surfers Paradise and Broadbeach is classed as a 'High' PCNP Route Analysed by CBI Benefit Group.

Construction Type

If one of the categories is not included, please select Not Applicable. If there is more than one construction type, choose the majority type here and add more detail in the project description below.

	On-Road	Off-Road	Other
Infrastructure Type (1)	Not Applicable	Shared Path	Not Applicable
Infrastructure Type (2)	Not Applicable	Not Applicable	Not Applicable
Length in Metres		1600	
Width in Metres		4	

Total Project Length in Metres

1600

Existing Cycle Facilities

Are there existing cycle facilities along the proposed project route? Please describe what exists now, the current conditions and how this project will impact it (i.e. will it replace it or connect to it, etc.). Please also provide a map to illustrate this information.

There is no existing Oceanway path between Laycock Street and First Avenue. The north-south route for cyclists is Northcliffe Terrace, Garfield Terrace and Old Burleigh Road. The paths along the route vary in width and there are a high number of vehicle crossovers. There is insufficient carriageway width to provide bicycle lanes. City of Gold Coast has been progressively upgrading the paths along this route where possible, however due to the narrow verge, the desired path width cannot be achieved in many sections and is considered substandard for the number of cyclists (and pedestrians). The road carriageway is exceptionally narrow, being less than 5 metres wide with vehicle traffic volumes ranging from 8,000 – 11,000 vehicles per day. On-road cycling is significant at 300 – 400 per day. Construction of the Oceanway will provide a high standard, safe and continuous parallel route for cyclists travelling north-south.

Provide a detailed description of the project.

Include information such as:

- exact project locations, including specific lengths and widths of various parts of the project
- details of structures (e.g. bridges, culverts, end of trip, etc.) and/or high cost requirements (e.g. significant earthworks, service relocations, etc.)
- project construction conditions (e.g. parking restrictions),
- additional inclusions such as lighting, wayfinding signage, tactile pavement marking, data counters, etc.

The project involves the construction of a 4m wide coloured concrete path commencing from Laycock St to First Ave along the beach side of properties situated along Northcliffe Terrace, Garfield Terrace and Old Burleigh Road, connecting to the existing Oceanway path at the end of First Avenue in Broadbeach. The project is currently in the preliminary and detailed design stage and construction of the path is planned in 2020-2021, subject to funding approval.

The project scope includes path lighting, street furniture (seats, showers, bike racks and bins) located at street ends only, path connections to the existing active transport network, tree planting, dune revegetation and tree relocation. The scope also includes formalised beach access ways to protect adjacent dune vegetation at key locations.

Path closures, detours and delays will be experienced at times. The path will be constructed in stages to contain these impacts to a manageable area. To reduce impacts, construction work will not be carried out when high volumes of tourists are in the precinct during school holidays, major events and on public holidays.

Project Dependencies

Outline any further action required before this project can proceed to delivery, for example; further planning or design, public consultation, environmental approvals, etc.

Concept planning was completed in August 2019. The project is currently in the preliminary and detailed design stages, with the detailed design expected to be completed in the first quarter of 2020. Environmental and statutory approvals are in progress. A Communication Management Plan (CMP) has been prepared and is currently being actioned with ongoing stakeholder communication. The construction documents will be prepared and the project will be ready for construction to commence in 2020-21.

4. Project Costs

Provide accurate (whole number) costings:

	Council Contribution	State Contribution	Total Contribution
Actual (ex GST)	\$3,500,000	\$3,500,000	\$7,000,000
GST (10%)	\$350,000	\$350,000	\$700,000
Total (inc GST)	\$3,850,000	\$3,850,000	\$7,700,000

Committed Funding

Outline details of any other funding sources that has been committed, applied for or is expected to be received for this project.

No other funding sources have been committed to this project.

5. Project Milestones

Complete the below tables with estimate milestone dates

Important Note: Projects must commence construction within the same year that they are awarded funding and must be completed by the end of the following financial year.

Leave blank if not applicable	Start Date	Finish Date
Corridor Planning	01 Jan 2019	31 Aug 2019
Detailed Design	01 Sep 2019	31 Mar 2020
Construction	01 Jul 2020	31 Dec 2020

Dates must be provided	Date
Financial Completion	30 Apr 2021
Final Document To TMR	30 May 2021
Media Event / Announcement	30 Jun 2021

6. Assessment Criteria

6.1 Connectivity

List the trip attractors that will be positively impacted by this project, including their distance from the project location.

Please refer to the Program Guidelines for clarification of types of attractors. Project attractors nominated should be within 500m of the project. Please provide map illustrating the location of all attractors along the project.

Media Event / Announcement	Number of this attractor type	Name of Attractor & Distance for proposed project in Metres
Major Commercial / Employment / Retail Area	1	1. Surfers Paradise Retail and Entertainment Precinct (300m)
Universities or TAFEs	0	
Major Industrial Areas	0	
Hospitals	0	
Rail or Bus Stations	7	2. Fern St Bus Stop (130m) 3. First Ave Bus Stop (100m) 4. Armick Ave Bus Stop (200m) 5. Northcliffe Rail Stn (470m) 6. Florida Gdns Rail Stn (300m) 7. Surfers Prdse Rail Stn (250m) 8. Surfers Prdse Interstate Bus Station (450m)
Schools	0	
Minor Commercial / Retail Areas	2	9. Isle of Capri Shopping Centre (500m) 10. Surfers Paradise Shopping Centre (450m)
Parks / Recreation Areas	2	11. Northcliffe Beach (40m) 12. Surfers Paradise Beach (150m)

6.2 Demand

Land Use Characteristics

What are the land use characteristics of the area to be served by the project (pick answer which best describes the MAJORITY of the adjacent project catchment - up to 1km)

High density residential area; and/or area experiencing high visitor demands; or contains a major commercial/retail area?

Relevant Data

Describe any relevant data collected and / or interest from the community about this project, including the number and nature of the public enquiries. Also, detail stakeholder / public consultation plans for this project that has been or will be undertaken.

There is a growing interest from the public, particularly with the successful completion of other recent Oceanway projects such as Tugun to Bilinga Oceanway - also funded by CNLGG 2018-2019. Pedestrian and cyclist counts were undertaken mid-December 2018 and shows very high volumes of cyclists and pedestrians (>9,000 per day in some locations). A detailed feature survey was completed in early 2019. A Communication Management Plan has been developed for this project identifying internal and external stakeholders, objectives, key messages, community benefits, risks and mitigations. A communication collateral schedule has been prepared and includes disbursement of strategically timed key deliverables such as briefing notes, a project web page, letters to residents, project signage, website article on active travel, project photographs and media announcements.

6.3 Network Enhancement

Does the project fill a gap in the network, extend the network or address a major barrier to cycling?

Project fills a missing link in the network (i.e. there are existing cycle facilities on either side of the project resulting in a longer continuous route)

Explanation

Explain how this project will contribute to planned regional and local cycle networks. Include details on how the project:

- contributes to the delivery of a corridor,
- connects to other projects or is part of a staged approach,
- addresses any barriers or network gaps,
- improves travel time and convenience for users.

The Gold Coast Oceanway is a 36km network of pathways which connects The Spit (in the north) to Point Danger (in the south). This project delivers another link in the Oceanway corridor and is part of the City of Gold Coast's ongoing investment to extend its active transport network and create a better connected Gold Coast.

The upgraded Oceanway path will create a continuous network of high quality active transport facilities along the coastal cycle and pedestrian route from Laycock Street, Surfers Paradise to First Avenue, Broadbeach. Improvements include increased safety for people walking and riding bikes along the route, enhanced amenity for the Oceanway with a new path and beach furniture upgrades to comply with the Disability Discrimination Act 1992 where possible.

6.4 Safety

Does the project improve safety for cyclist by:

- Addressing a known cycle crash location
- Responding to community concerns about a hazardous location?
- Introduces separation treatment on a high volume road where there was none before?

No

Yes

No

Does the project create a safe and secure environment for vulnerable and new cyclists?

Choose majority construction type when answering this question

Project is a shared or separated off road path; a bike lane with separation device or physically separated cycle track

If the construction of this project will impact existing corridor users, does the project incorporate appropriate active transport traffic management details (i.e. detours, closures, etc)?

Yes

Explanation

Include any further details regarding how this project improves the safety for cyclist, if relevant.

Surfers South Oceanway will contribute to safety improvement for cyclists in a highly popular and high density area of the Gold Coast. Currently on-road cycling along Northcliffe Terrace, Garfield Terrace and Old Burleigh Road is significant at 300 – 400 per day. The number of cyclists is predicted to increase as medium and high density development occurs along the coastal corridor. Currently cyclists have to share the narrow road corridor with vehicular traffic. Conflicts between pedestrians and cyclists using the narrow paths on Northcliffe Terrace, Garfield Terrace and Old Burleigh Road are common. There are also significant number of vehicle crossovers which create safety risks for cyclists. A separate, purpose built shared path for cyclists will provide a safe and continuous route for cyclists.

6.5 Project Deliverability

Please select the option that is most relevant to the delivery of this project.

derately straight forward and feasible project with minor obstacles e.g. no land acquisition, few or no environmental issues and good

6.6 Strategic

Explanation

Funding under the Cycling Infrastructure Program is targeted at delivery of the Highest Priority Routes identified in the PCNP action plan. If your project is not on a HPR, please describe how your project contributes to the strategic priorities identified in the Queensland Cycle Strategy.

This section of Oceanway between Surfers Paradise and Broadbeach is classed as a Principal Route and Route Priority A in the PCNP action plan.

Is this project a joined up project, being delivered with TMR?

No

If Yes, please provide details of the associated works and planned approach below.

Is this project a Planning or Infra+ Project?

No

If so, please complete and attach the additional Planning or Infra+ Project Information Form.

Rank the importance of this project in comparison to all council submissions this year, 1 being the highest.

1

Describe in words why, in the question above, you ranked this project at that number.

The project is ranked one of four as this project will deliver a separate path for a significant number of cyclists who currently have to share a narrow road with high volumes of vehicles or navigate narrow paths with high numbers of pedestrians and vehicle crossovers. The project will also deliver a key missing link in the Gold Coast Oceanway.

7. Political Representation

Local Electorate Name	Division 7
First - State Electorate / Division <i>If your project covers more than one electorate please list first the electorate that the majority of the project is in.</i>	Surfers Paradise
Second - State Electorate / Division (if required)	Not Applicable
Third - State Electorate / Division (if required)	
Federal Electorate / Division	Moncrieff

8. Attachment Checklist

Have you submitted all required additional documents? Yes

- Please include the following attachments, as relevant:*
- *Maps – ensure this is aerial view and shows the exact project location, including start and finish points.*
 - *Plans – If designs are not complete please provide any available concept plans.*
 - *Designs – If available please provide designs.*
 - *Photographs – not mandatory but photographs can assist with explaining why a project is required.*
 - *Consultation papers – If available.*
 - *Media clips, etc – not mandatory, only include if they relate directly to the project.*

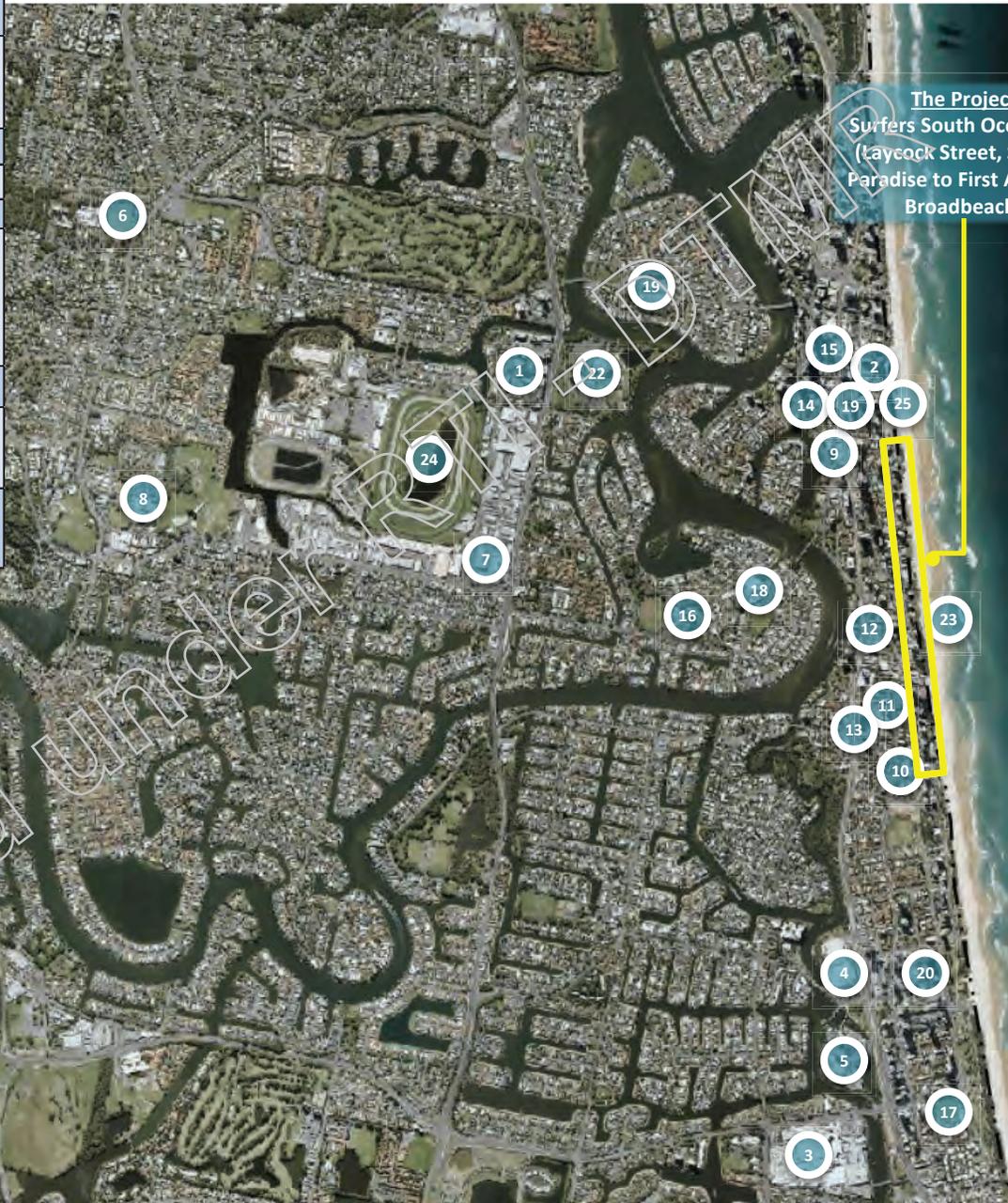
Contact Information

If you require any assistance with this project application form please contact:

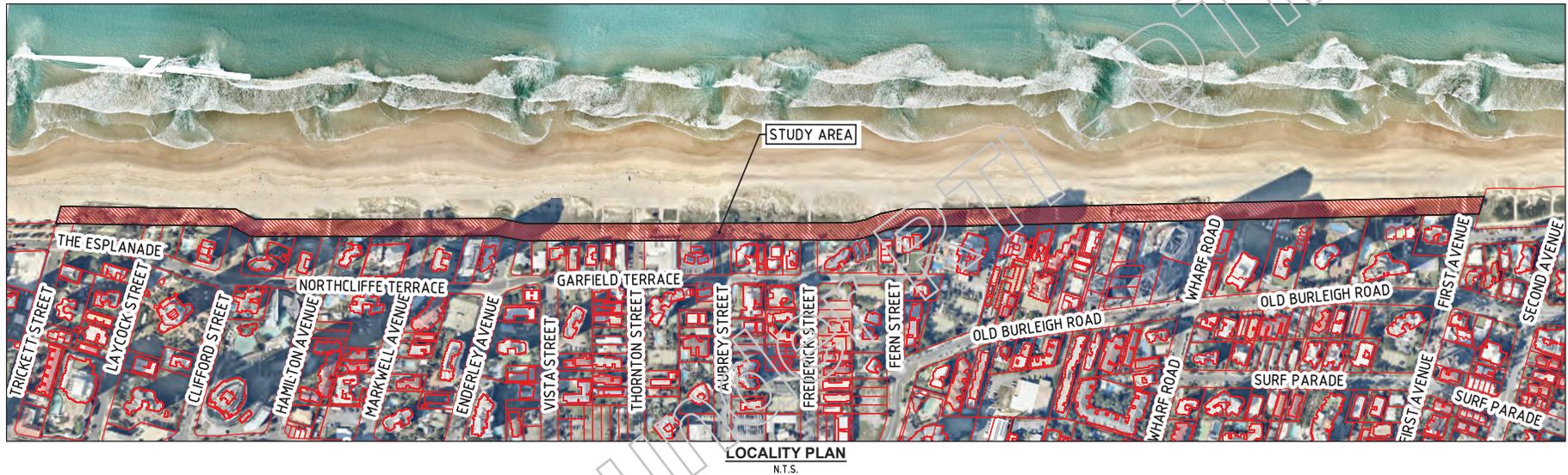
Cycling Infrastructure Program Team
Phone (07) 3066 3802
Email tmr.cycle.grants@tmr.qld.gov.au
Website www.tmr.qld.gov.au

Released under RTI - DTMR

Attractor Category	Attractor & distance from the Project in meters
Major Commercial / Employment / Retail Area	1. Bundall Office Precinct (2,000m) 2. Surfers Paradise Retail and Entertainment Precinct (300m) 3. Pacific Fair Shopping Centre - Regional (2,000m) 4. Convention Centre (1,450m) 5. Casino (1,600m)
Universities or TAFEs	6. Ashmore TAFE (4,000m)
Major Industrial Areas	7. Bundall Mixed Use Precinct (2,000m)
Hospitals	8. Pindara Private Hospital (3,700m)
Rail or Bus Stations	9. Fern St Bus Stop (130m) 10. First Ave Bus Stop (100m) 11. Armick Ave Bus Stop (200m) 12. Northcliffe Rail Stn (470m) 13. Florida Gardens Rail Stn (300m) 14. Surfers Paradise Rail Stn (250m) 15. Surfers Paradise Interstate Bus Station (450m)
Schools	16. Surfers Paradise State School (1,000m) 17. Broadbeach State School (1,900m)
Minor Commercial / Retail Areas	18. Isle of Capri Shopping Centre (500m) 19. Surfers Paradise Shopping Centre (450m) 20. Broadbeach Shopping Centre (1,100m) 21. Chevron Island (1,450m)
Parks / Recreation Areas	22. Home of The Arts (HOTA) (1,600m) 23. Northcliffe Beach (40m) 24. Gold Coast Turf Club (2,000m) 25. Surfers Paradise Beach (50m)



SURFERS SOUTH OCEANWAY GOLD COAST CONCEPT ALIGNMENT



PACKAGE DRAWING SCHEDULE			
SHEET No.	TITLE	DWG No.	ISSUE
1	DRAWING SCHEDULE AND LOCALITY PLAN	16054.001	A
2	EXISTING SERVICES, FEATURES AND LEGEND - SHEET 1 OF 3	16054.002	A
3	EXISTING SERVICES, FEATURES AND LEGEND - SHEET 2 OF 3	16054.003	A
4	EXISTING SERVICES, FEATURES AND LEGEND - SHEET 3 OF 3	16054.004	A
5	GENERAL ARRANGEMENT- SHEET 1 OF 9	16054.005	A
6	GENERAL ARRANGEMENT- SHEET 2 OF 9	16054.006	A
7	GENERAL ARRANGEMENT- SHEET 3 OF 9	16054.007	A
8	GENERAL ARRANGEMENT- SHEET 4 OF 9	16054.008	A
9	GENERAL ARRANGEMENT- SHEET 5 OF 9	16054.009	A
10	GENERAL ARRANGEMENT- SHEET 6 OF 9	16054.010	A
11	GENERAL ARRANGEMENT- SHEET 7 OF 9	16054.011	A
12	GENERAL ARRANGEMENT- SHEET 8 OF 9	16054.012	A
13	GENERAL ARRANGEMENT- SHEET 9 OF 9	16054.013	A
14	TYPICAL SECTIONS - SHEET 1 OF 4	16054.014	A
15	TYPICAL SECTIONS - SHEET 2 OF 4	16054.015	A
16	TYPICAL SECTIONS - SHEET 3 OF 4	16054.016	A
17	TYPICAL SECTIONS - SHEET 4 OF 4	16054.017	A

SMC
Member of the Surbana Jurong Group
© ABN 47 065 475 149
LEVEL 1, 632 SOUTHPORT MERANG ROAD
NERANG QLD. 4211
PH +61 7 6578 0200 FAX +61 7 3029 6650

Project Manager S. DONG	Design Checked - Statutory Certifier					Bar Scale
Design/Drawn K. CROSSMAN/S. MANGO	Signed Drawing Checked					
Project Records File Number	Signed					
Project Identifier/VCAD File Name						
Contract Records File Number						
	A	ISSUED FOR APPROVAL	K. CROSSMAN	16.10.19		
	Issue	Description	Name	Initial	Date	
		Design not to be amended without authorisation by Statutory Certifier				

CITY OF
GOLD COAST.

**SURFERS SOUTH OCEANWAY
CONCEPT ALIGNMENT OPTION**

DRAWING SCHEDULE
AND LOCALITY PLAN

Project Number 06838	Issue
Sheet 1 of 17	A
Drawing Number 16054.001	

**CONCEPT
NOT FOR CONSTRUCTION**
16 October 2019



REFER SHEET 2 FOR CONTINUATION

EXISTING SERVICES AND FEATURES LEGEND

- EXISTING PROPERTY BOUNDARY
- EXISTING ROAD RESERVE BOUNDARY **HOLD**
- EXISTING ROAD
- EXISTING SIGNS
- EXISTING FENCE
- A-LINE APPROVED SEAWALL ALIGNMENT
- EXISTING TOP OF BATTER
- EXISTING BOTTOM OF BATTER
- EXISTING TREES
- EXISTING TREES TO BE REMOVED
- EXISTING STORMWATER PIPE
- EXISTING WATER MAIN (GIS)
- EXISTING WATER MAIN
- EXISTING WATER VALVE
- EXISTING WATER METER
- EXISTING STORMWATER MAIN (GIS)
- EXISTING SEWER MAIN AND MANHOLE (GIS)
- EXISTING STORMWATER GULLY PIT
- EXISTING OVERHEAD POWERLINE
- EXISTING ELECTRICAL PIT
- EXISTING STREET LIGHT
- EXISTING ELECTRICITY (GIS)
- EXISTING TELECOMS (GIS)
- EXISTING TELSTRA PIT
- EXISTING BENCH SEAT
- EXISTING BEACH SHOWER
- EXISTING BEACH SHOWER WITH BUBBLER
- EXISTING RUBBISH BIN
- EXISTING BOLLARDS
- EXISTING GARDEN EDGING
- EXISTING STAIRCASE

GENERAL ARRANGEMENT LEGEND

- 4.0m WIDE OCEANWAY SHARED PATH (u.n.o.)
- 2.0m WIDE CONNECTION PATH (u.n.o.)
- NODE
- OCEANWAY CONCRETE STRENGTHENING
- DUNE PROTECTION FENCE
- PEDESTRIAN BARRIER FENCE
- PROPOSED LED LUMINAIRE IGGUZZINI WOW 6m HIGH
- EXISTING LED LUMINAIRE
- INDICATIVE SHOWER FACILITIES

WARNING
SERVICES SHOWN ARE NOT COMPLETE. CONTRACTOR IS RESPONSIBLE FOR AVOIDING CONFLICTS WITH SERVICES AND MUST CARRY OUT CHECKS WITH ALL SERVICE AUTHORITIES BEFORE COMMENCING WORKS. IT IS RECOMMENDED TO HYDRO-EXCAVATE WITHIN 3.0M OF SERVICES IN CONFLICT.

 SMC Member of the Surbana Jurong Group © ABN 47 065 475 149 LEVEL 1, 632 SOUTHPORT MERANG ROAD NERANG QLD 4211 PH +61 7 6578 0200 FAX +61 7 3029 6650	Project Manager S. DONG Design/Drawn K. CROSSMAN/S. MANGO Project Records File Number - Project Identifier/CAD File Name -	Design Checked - Statutory Certifier Signed: Drawing Checked Signed:		Bar Scale SCALE 1:500	CITY OF GOLD COAST.	SURFERS SOUTH OCEANWAY CONCEPT ALIGNMENT OPTION EXISTING SERVICES, FEATURES AND LEGEND SHEET 1 OF 3	Project Number 06838 Sheet of 2 17 Drawing Number 16054.002
	Manager P. VILIC		Issue A		PO Box 5042, Gold Coast MC 9729		

**CONCEPT
NOT FOR CONSTRUCTION**
16 October 2019



WARNING
SERVICES SHOWN ARE NOT COMPLETE. CONTRACTOR IS RESPONSIBLE FOR AVOIDING CONFLICTS WITH SERVICES AND MUST CARRY OUT CHECKS WITH ALL SERVICE AUTHORITIES BEFORE COMMENCING WORKS. IT IS RECOMMENDED TO HYDRO-EXCAVATE WITHIN 3.0M OF SERVICES IN CONFLICT.

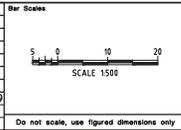


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Developed/Drawn K. CROSSMAN/S. MANGO	Drawing Checked Signed: _____
Project Records File Number -	
Project Identifier/CAD File Name -	
Contract Records File Number -	

Issue	A	ISSUED FOR APPROVAL	K. CROSSMAN	16.10.19
		Description	Name	Initial
		Design not to be amended without authorisation by Statutory Certifier		Date



CITY OF
GOLD COAST.
PO Box 5042, Gold Coast MC 9720

**SURFERS SOUTH OCEANWAY
CONCEPT ALIGNMENT OPTION**

EXISTING SERVICES, FEATURES AND LEGEND
SHEET 2 OF 3

Project Number 06838	Issue A
Sheet 3 17	
Drawing Number 16054.003	

**CONCEPT
NOT FOR CONSTRUCTION**
16 October 2019



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	<p>Design/Drawn K. CROSSMAN/S. MANGO Signed: _____</p>	<p>Project Records File Number -</p>	<p>Project Identifier/CAD File Name -</p>			<p>Contract Records File Number -</p>
<p>Manager P. VILIC Signed: _____ Date: _____</p>	<p>Issue A</p>	<p>ISSUED FOR APPROVAL Description Design not to be amended without authorisation by Statutory Certifier</p>	<p>Name K. CROSSMAN</p>	<p>Initial 16.10.19</p>	<p>Date 16.10.19</p>	<p>Drawing Number 16054.004</p>

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Project Manager
S. DONG
 Design/Drawn
K. CROSSMAN/S. MANGO
 Project Records File Number
 --
 Project Identifier/VCAD File Name
 --
 Contract Records File Number
 --

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 Signed:
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Issue	Description	Name	Initial	Date
A	ISSUED FOR APPROVAL	K. CROSSMAN		16.10.19
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Bar Scale



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SURFERS SOUTH OCEANWAY
CONCEPT ALIGNMENT OPTION

GENERAL ARRANGEMENT
 SHEET 1 OF 9

Project Number
06838
 Sheet
5 17
 Issue
A
 Drawing Number
16054.005

Manager
P. VILIC
 Signed: Date:

PO Box 5042, Gold Coast MC 9729

Do not scale, use figured dimensions only

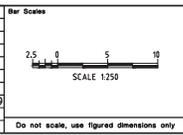
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Project Records File Number -					
Project Identifier/CAD File Name -					
Contract Records File Number -					
Issue A	ISSUED FOR APPROVAL	Name K. CROSSMAN	Initial KC	Date 16.10.19	
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**SURFERS SOUTH OCEANWAY
CONCEPT ALIGNMENT OPTION**

GENERAL ARRANGEMENT
SHEET 2 OF 9

Project Number 06838	Issue A
Sheet of 6 17	
Drawing Number 16054.006	

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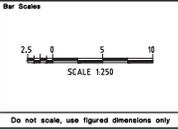


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**SURFERS SOUTH OCEANWAY
CONCEPT ALIGNMENT OPTION**

GENERAL ARRANGEMENT
SHEET 3 OF 9

Project Number 06838	Issue A
Sheet 7	of 17
Drawing Number 16054.007	

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16 October 2019



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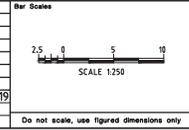
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Project Identifier/CAD File Name -	
Contract Records File Number -	

Issue	Description	Name	Initial	Date
A	ISSUED FOR APPROVAL	K. CROSSMAN		16.10.19
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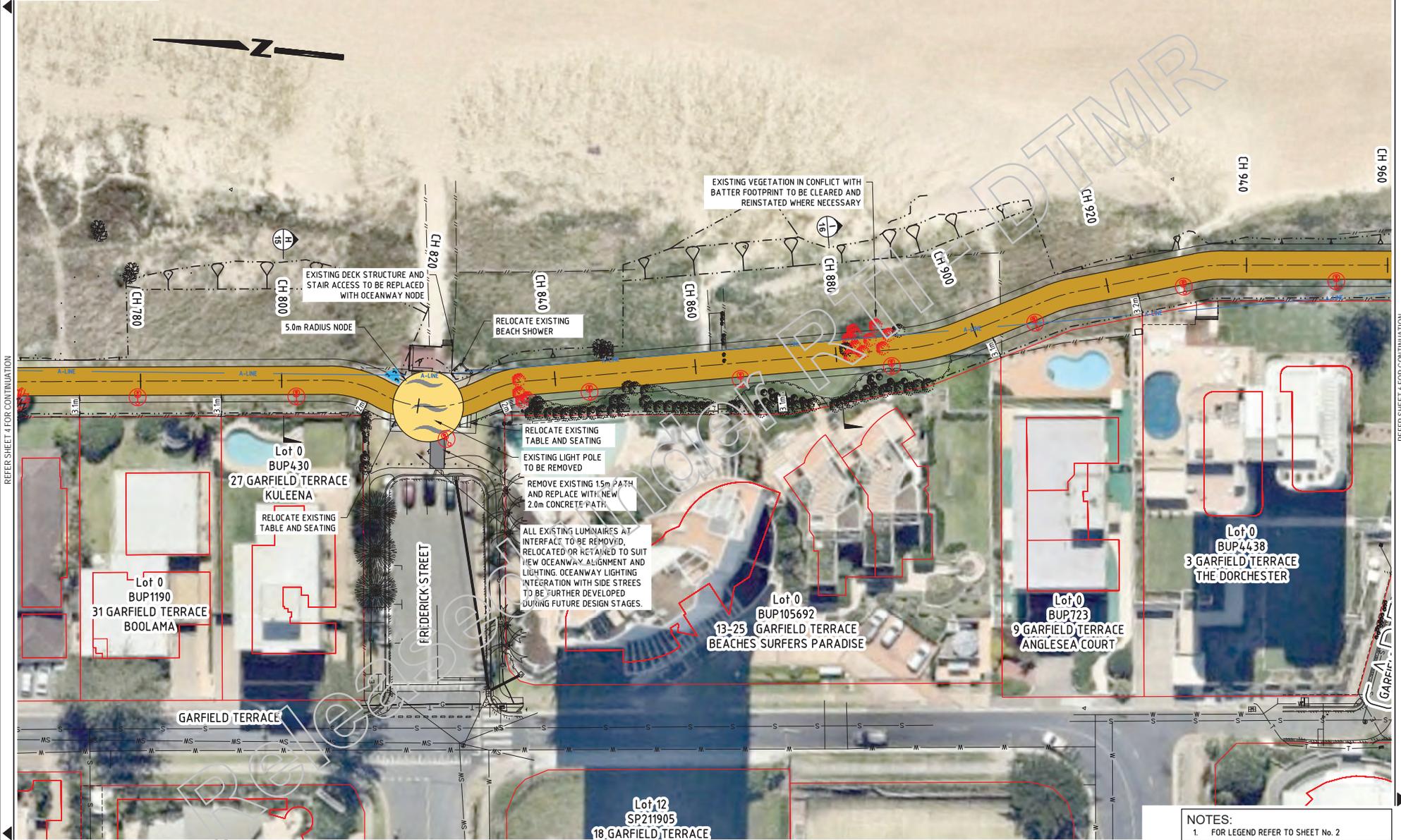
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**SURFERS SOUTH OCEANWAY
CONCEPT ALIGNMENT OPTION**

GENERAL ARRANGEMENT
SHEET 4 OF 9

Project Number 06838	Issue A
Sheet 8	of 17
Drawing Number 16054.008	

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16 October 2019

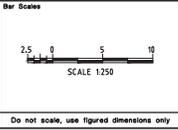


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Signed: _____
Date: _____

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Developed/Drawn K.CROSSMAN/S. MANGO	Drawing Checked Signed: _____
Project Records File Number --	
Project Identifier/VCAD File Name --	
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Issue	Description	Name	Initial	Date
A	ISSUED FOR APPROVAL	K.CROSSMAN		16.10.19
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SURFERS SOUTH OCEANWAY
CONCEPT ALIGNMENT OPTION

GENERAL ARRANGEMENT
SHEET 5 OF 9

Project Number 06838	Issue A
Sheet 9	of 17
Drawing Number 16054.009	

**CONCEPT
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16 October 2019



REFER SHEET 5 FOR CONTINUATION

REFER SHEET 7 FOR CONTINUATION

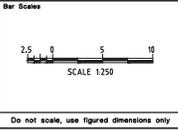
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Signed: _____
Date: _____

Project Manager S. DONG	Design Checked - Statutory Certifier Signed: _____
Developed/Drawn K. CROSSMAN/S. MANGO	Drawing Checked Signed: _____
Project Records File Number -	
Project Identifier/CAD File Name -	
Contract Records File Number -	

Issue	A	ISSUED FOR APPROVAL	K. CROSSMAN	16.10.19
		Description	Name	Initial
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CITY OF
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**SURFERS SOUTH OCEANWAY
CONCEPT ALIGNMENT OPTION**

GENERAL ARRANGEMENT
SHEET 6 OF 9

Project Number 06838	Issue A
Sheet of 10 17	
Drawing Number 16054.010	

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NOT FOR CONSTRUCTION
 16 October 2019



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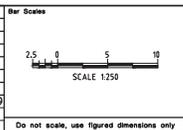
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Project Identifier/CAD File Name -	
Contract Records File Number -	

Issue	Description	Name	Initial	Date
A	ISSUED FOR APPROVAL	K. CROSSMAN		16.10.19
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**SURFERS SOUTH OCEANWAY
 CONCEPT ALIGNMENT OPTION**
 GENERAL ARRANGEMENT
 SHEET 7 OF 9

Project Number 06838	Issue A
Sheet of 11 17	
Drawing Number 16054.011	

CONCEPT
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 16 October 2019



EXISTING DRAINAGE OUTLETS FROM PRIVATE PROPERTY TO BE FURTHER INVESTIGATED DURING FUTURE DESIGN STAGES TO ENSURE COMPATIBILITY WITH THE OCEANWAY ALIGNMENT

Lot 0
 BUP1856
 60 OLD BURLEIGH ROAD
 THE BREAKERS

Lot 0
 SUP8044
 62 OLD BURLEIGH ROAD
 THE SURFERS MANHATTAN

Lot 0
 BUP106875
 74-86
 OLD BURLEIGH ROAD
 LA SABBIA

NOTES:
 1. FOR LEGEND REFER TO SHEET No. 2

REFER SHEET 7 FOR CONTINUATION

REFER SHEET 9 FOR CONTINUATION



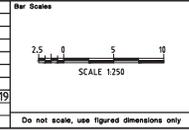
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Manager: P. VILIC
 Signed: _____
 Date: _____

Project Manager: S. DONG
 Design/Draw: K. CROSSMAN/S. MANGO
 Project Records File Number: --
 Project Identifier/CAD File Name: --
 Contract Records File Number: --

Design Checked - Statutory Certifier: _____
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 Drawing Checked: _____
 Signed: _____

Issue	Description	Name	Initial	Date
A	ISSUED FOR APPROVAL	K. CROSSMAN		16.10.19
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CITY OF
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**SURFERS SOUTH OCEANWAY
 CONCEPT ALIGNMENT OPTION**

GENERAL ARRANGEMENT
 SHEET 8 OF 9

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Project Number	06838	
Sheet of	12	17
Issue	A	
Drawing Number	16054.012	

CONCEPT
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16 October 2019

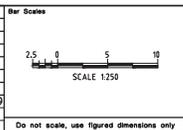


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Project Records File Number -			
Project Identifier/CAD File Name -			
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A ISSUED FOR APPROVAL		K. CROSSMAN	16.10.19
Issue		Name	Initial Date
Design not to be amended without authorisation by Statutory Certifier			

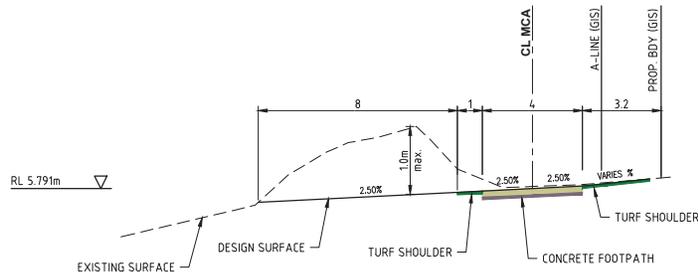


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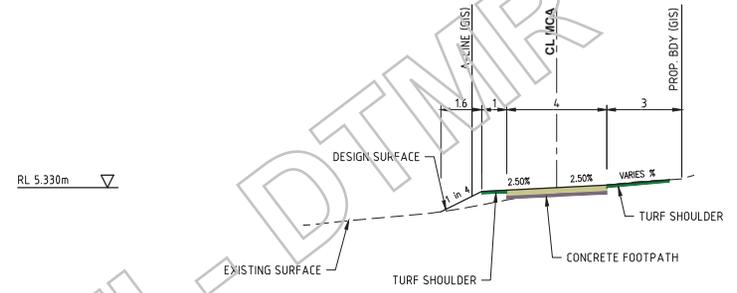
SURFERS SOUTH OCEANWAY CONCEPT ALIGNMENT OPTION
GENERAL ARRANGEMENT
SHEET 9 OF 9

Project Number 06838	Issue A
Sheet of 13 17	
Drawing Number 16054.013	

**CONCEPT
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16 October 2019



**SECTION B - BETWEEN CLIFFORD STREET & HAMILTON AVENUE
(CHAINAGE 180)**



**SECTION D - BETWEEN ENDERLEY AVENUE & AUBREY STREET
(CHAINAGE 500)**

RL 5.791m

RL 5.330m

RL 1.91m (HAT)

RL 1.91m (HAT)

RL 4.688m

RL 6.266m

RL 1.91m (HAT)

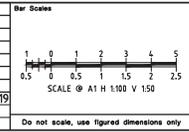
RL 1.91m (HAT)

**SECTION A - BETWEEN LAYCOCK STREET & CLIFFORD STREET
(CHAINAGE 100)**

**SECTION C - BETWEEN HAMILTON AVENUE & MARKWELL AVENUE
(CHAINAGE 280)**



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Developed/Drawn K. CROSSMAN/S. MANGO	Drawing Checked Signed: _____				
Project Records File Number -					
Project Identifier/CAD File Name -					
Contract Records File Number -					
Issue A	Description ISSUED FOR APPROVAL	Name K. CROSSMAN	Initial KC	Date 16.10.19	
Design not to be amended without authorisation by Statutory Certifier					



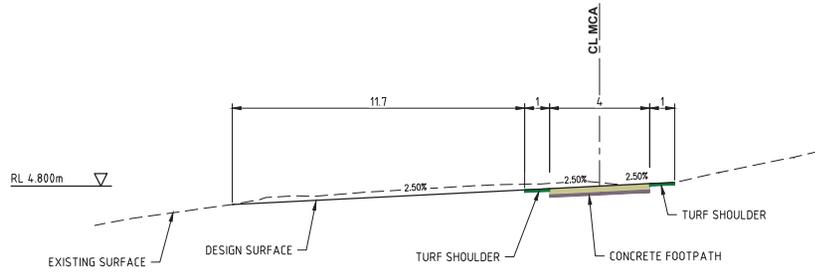
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**SURFERS SOUTH OCEANWAY
CONCEPT ALIGNMENT OPTION**

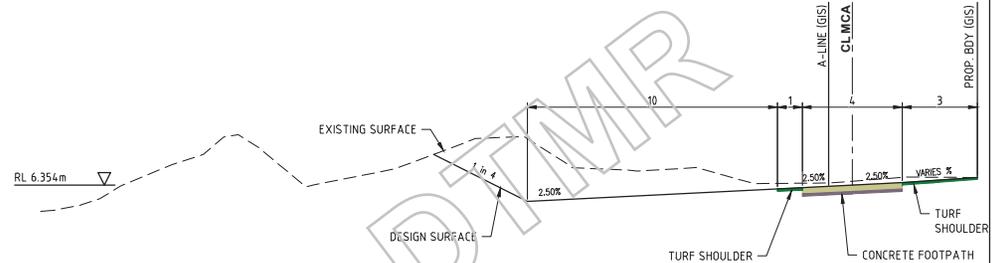
TYPICAL SECTIONS
SHEET 1 OF 4

Project Number 06838	Issue A
Sheet of 14 17	
Drawing Number 16054.014	

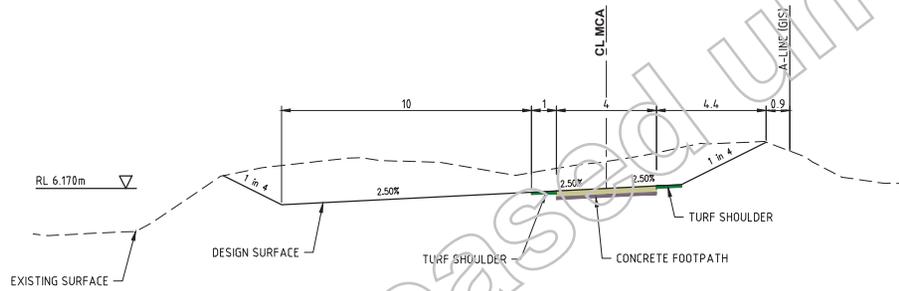
CONCEPT
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 16 October 2019



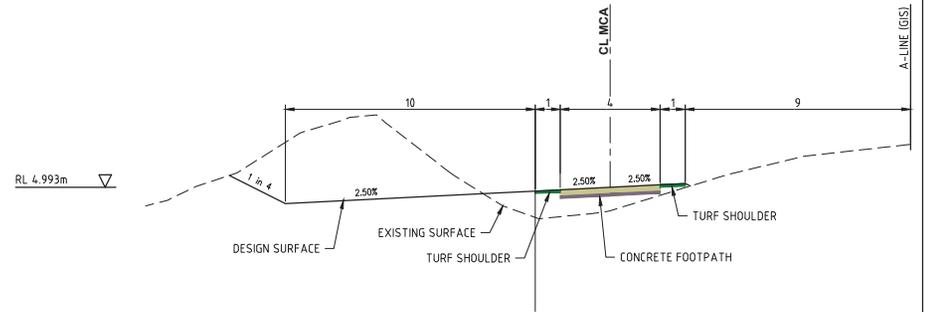
SECTION F - BETWEEN ENDERLEY AVENUE & AUBREY STREET
 (CHAINAGE 645 - NORTCLIFFE SLSC)



SECTION H - BETWEEN AUBREY STREET & FREDERICK STREET
 (CHAINAGE 800)



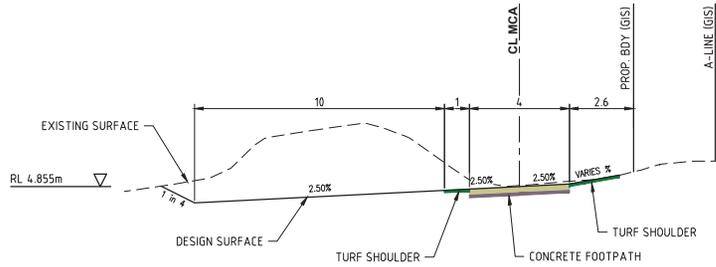
SECTION E - BETWEEN ENDERLEY AVENUE & AUBREY STREET
 (CHAINAGE 580)



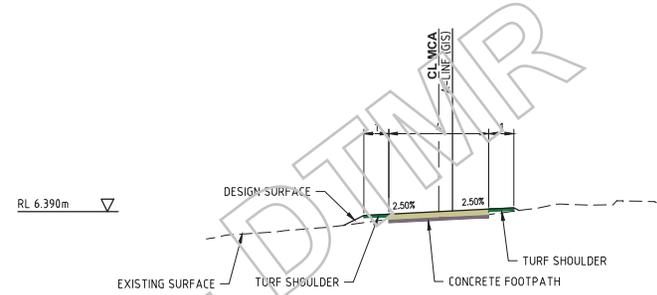
SECTION G - BETWEEN ENDERLEY AVENUE & AUBREY STREET
 (CHAINAGE 680)

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	Manager P. VILIC Signed: _____ Date: _____	Issue A	Description ISSUED FOR APPROVAL Design not to be amended without authorisation by Statutory Certifier	Name K. CROSSMAN	Initial _____	Date 16.10.19		Do not scale, use figured dimensions only	PO Box 5042, Gold Coast MC 9729	Drawing Number 16054.015

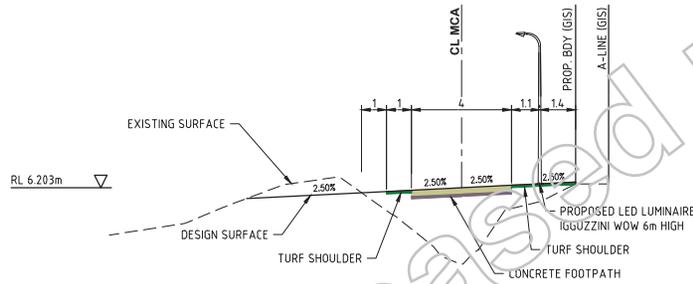
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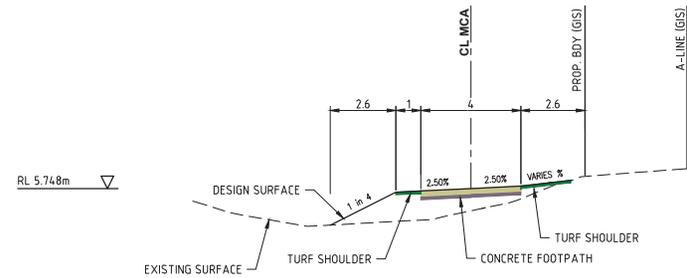
SECTION N - BETWEEN WHARF ROAD & FIRST AVENUE
(CHAINAGE 1440)



SECTION P - BETWEEN WHARF ROAD & FIRST AVENUE
(CHAINAGE 1600)



SECTION M - BETWEEN WHARF ROAD & FIRST AVENUE
(CHAINAGE 1360)



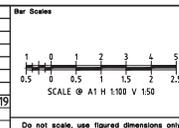
SECTION O - BETWEEN WHARF ROAD & FIRST AVENUE
(CHAINAGE 1560)



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 Design/Drawn
 K. CROSSMAN/S. MANGO
 Project Records File Number
 -
 Project Identifier/CAD File Name
 -
 Contract Records File Number
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 Drawing Checked
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Issue	A	ISSUED FOR APPROVAL	K. CROSSMAN	16.10.19
Name		Description		Initial
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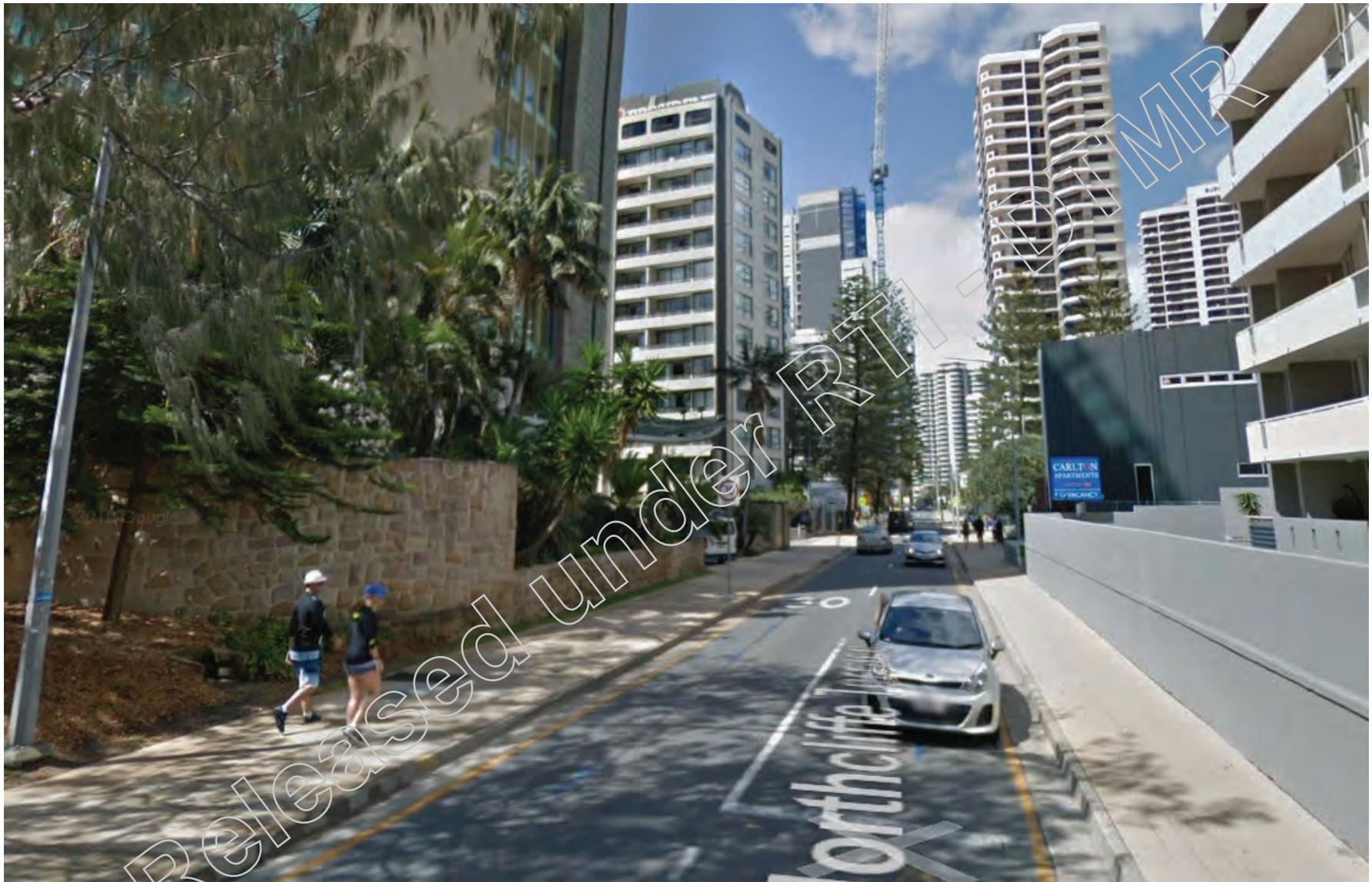
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SURFERS SOUTH OCEANWAY
CONCEPT ALIGNMENT OPTION
 TYPICAL SECTIONS
 SHEET 4 OF 4

Project Number	06838	
Sheet of	17	17
Issue	A	
Drawing Number	16054.017	



Existing Active Transport Infrastructure on Garfield Terrace



Existing Active Transport Infrastructure on Northcliffe Terrace



Existing Active Transport Infrastructure on Old Burleigh Road



Wharf Road end on Garfield Terrace - Looking South



Wharf Road end - Looking South



Frederick Street and Garfield Terrace - Looking South



Between Frederick Street and Aubrey Street - Looking North



Aubrey Street End - Looking North



Vicinity of Northcliffe Surf Club