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> Administration Office 64 - 66 Front St Mossman P 07 4099 9444 F 07 4098 2902

15 October 2020

**Enquiries:** Daniel Lamond

Our Ref: OP 2020\_3516/1 (976786)
Your Ref: WO3046-NOAH CREEK BRIDGE

Douglas Shire Council PO Box 723

MOSSMAN QLD 4873

Attention: Scott Hahne

Dear Sir

Development Application for Operational Works (Bridge Replacement)
At Cape Tribulation Road over Noah Creek
Adjacent Land Described as LOT: 20 NPW: 695

Please find attached the Decision Notice for the above-mentioned development application.

Please quote Council's application number: OP 2020\_3516/1 in all subsequent correspondence relating to this development application.

Should you require any clarification regarding this, please contact Daniel Lamond on telephone 07 4099 9444.

Yours faithfully

For

Paul Hoye Manager Environment & Planning

cc. State Assessment and Referral Agency (SARA) **E**: <u>CairnsSARA@dsdmip.qld.gov.au</u> encl.

- Decision Notice
  - Approved Drawing(s) and/or Document(s)
  - Concurrence Agency Response
- Advice For Making Representations and Appeals (Decision Notice)



# **Decision Notice**

Approval (with conditions)

# Given under section 63 of the Planning Act 2016

# **Applicant Details**

Name: Douglas Shire Council

Postal Address: PO Box 723

MOSSMAN QLD 4873

# **Property Details**

Street Address: Cape Tribulation Road

Real Property Description: LOT: 20 NPW: 695

Local Government Area: Douglas Shire Council

# **Details of Proposed Development**

Development Permit for Operational Works (Bridge Replacement)

# **Decision**

Date of Decision: 15 October 2020

Decision Details: Approved (subject to conditions)

# Approved Drawing(s) and/or Document(s)

Copies of the following plans, specifications and/or drawings are enclosed.

Drawing	Reference	Date
Locality Plan	Plan prepared by Premise, Sheet No. C001	Not nominated
Safety in Design Report	Plan prepared by Premise, Sheet No. C002	12 April 2019
Typical Cross Sections	Plan prepared by Premise, Sheet No. C003	12 April 2019
Road Geometry Plan	Plan prepared by Premise,	12 April 2019

	Sheet No. C004	
Roadworks and Longitudinal Section Plan	Plan prepared by Premise, Sheet No. C005	12 April 2019
Roadworks Details, Pavement and Drainage Plan	Plan prepared by Premise, Sheet No. C006	12 April 2019
Culvert Details Plan	Plan prepared by Premise, Sheet No. C007	12 April 2019
Signage and Line Marking Plan	Plan prepared by Premise, Sheet No. C008	12 April 2019
Road Cross Sections Sheet 1 of 2	Plan prepared by Premise, Sheet No. C009	12 April 2019
Road Cross Sections Sheet 2 of 2	Plan prepared by Premise, Sheet No. C010	12 April 2019
Access Details Plan	Plan prepared by Premise, Sheet No. C011	12 April 2019
Resumption Plan	Plan prepared by Premise, Sheet No. C012	12 April 2019
Structural Notes	Plan prepared by Premise, Sheet No. C013	3 June 2019
General Arrangement- Plan	Plan prepared by Premise, Sheet No. C014	5 June 2019
General Arrangement- Long Section	Plan prepared by Premise, Sheet No. C015	5 June 2019
General Arrangement- Scour Protection Details	Plan prepared by Premise, Sheet No. C016	5 June 2019

# **Assessment Manager Conditions & Advices**

# General

- 1. The proposed works are permitted subject to any alterations:
  - a. found necessary by Chief Executive Officer at the time of examination of Engineering drawings or during construction of the works because of particular engineering requirements and.
  - b. to ensure the works comply in all respects with the requirements of the *FNQROC Development Manual* and good engineering practice; and
  - c. to comply with project specific conditions and the following standard conditions of approval.

All works must be carried out in accordance with the approved plans, conditions and specifications, to the requirements and satisfaction of the Chief Executive Officer.

- Council's examination of the documents should not be taken to mean that the documents have been checked in detail and Council takes no responsibility for their accuracy. If during construction, inadequacies of the design are discovered, it is the responsibility of the Principal Consulting Engineer to resubmit amended plans to Council for approval and rectify works accordingly.
- 3. Notwithstanding any approval given to engineering documents, where a discrepancy occurs between these documents and Council's standards, then Council's standards shall apply unless the design is RPEQ certified. All works must be performed in accordance with Council standards and Local Laws and other statutory requirements.
- 4. If in fact there are errors, omissions or insufficient detail on the plans for the purpose of construction, these deficiencies shall be made good during construction and Council reserves the right to withhold approval of construction until such deficiencies are made good to its satisfaction.

# **Timing of Effect**

5. The conditions of this development permit must be effected prior to construction commencing, except where specified otherwise in these conditions of approval, or at Council's discretion.

### **Public Notification of the Works**

- 6. The applicant must provide:
  - Public notification of the development in local newspapers in accordance with Section CP1.11 of the FNQROC Development Manual.
  - b. Signage identifying the location of the project, general proposal plan, contact numbers (including out-of-office hours emergency numbers) must be provided at all entrance points to the development. All signage must be appropriately positioned, prior to the commencement of any works on the site.

# **Erosion and Sediment Control**

7. A copy of the contractors Erosion and Sediment Control (ESC) Plan is to be submitted to Council and endorsed by the Consulting Engineer, prior to commencement of any works. In particular, the ESC Plan must address the Institution of Engineers Australia Guidelines for Soil Erosion and Sediment Control and the Environment Protection (Water) Policy and Clauses CP1.05, CP1.13 and D5.10 of Council's FNQROC Development Manual. The ESC Plan must be relevant to all phases of the construction and be updated where necessary as works progress.

# **Portable Long Service Leave Notification**

8. As per the QLeave – Building and Construction Industry Authority Guidelines, if the works are over \$150 000, Council must sight a copy of the receipted Portable Long Service Notification and Payment form prior to commencement of work.

# **Cultural Heritage**

9. The Aboriginal Cultural Heritage Act 2003 (the Act) seeks to protect artefacts and cultural sites that are of significance to Aboriginal people. The Act requires anyone carrying out an activity to exercise a Duty of Care. Guidelines have been produced to enable assessment of sites under the Act. These are available from Department of Environment Heritage Protection and can be downloaded from their website at <a href="www.ehp.qld.gov.au">www.ehp.qld.gov.au</a>. The work identified in the project documentation is likely to require assessment of the site under the Act.

# **Necessary boundary realignment**

10. Prior to commencement of work, the necessary boundary realignment for road opening into National Park land must be finalised.

# **Traffic Management Plan**

11. Prior to commencement of work, a traffic management plan must be endorsed by Chief Executive Officer. The traffic management plan must be in accordance with the relevant Australian Standards and current best practices.

# **ADVICES**

- 1. This approval does not negate the requirement for compliance with all other relevant Local Laws and other statutory requirements.
- 2. For information relating to the *Planning Act 2016* log on to <a href="www.dsdmip.qld.gov.au">www.dsdmip.qld.gov.au</a>. To access the *FNQROC Development Manual*, Local Laws and other applicable Policies, log on to <a href="www.douglas.qld.gov.au">www.douglas.qld.gov.au</a>.
- It is recommended that the designer confirm the separation between the proposed mains and existing guard rail footings on the northern bridge approach is appropriate.

# **REASONS FOR DECISION**

 To ensure the proposed development meets the requirements of the relevant benchmarks from the 2018 Douglas Shire Planning Scheme and in particular, the requirements of the FNQROC Development Manual and relevant Australian Standards.

# **Further Development Permits**

Not applicable

# **Concurrence Agency Response**

Referral Agency	Referral Agency Reference	Date
State Assessment and Referral Agency	2003-16006 SRA	15 September 2020

**Note** – Concurrence Agency Response is attached. This Concurrence Agency Response maybe amended by agreement with the respective agency.

# **Currency Period for the Approval**

This approval, granted under the provisions of the *Planning Act 2016*, shall lapse six (6) years from the day the approval takes effect in accordance with the provisions of Section 85 of the *Planning Act 2016*.

# Rights to make Representations & Rights of Appeal

The rights of applicants to make representations and rights to appeal to a Tribunal or the Planning and Environment Court against decisions about a development application are set out in Chapter 6, Part 1 of the *Planning Act 2016*.

A copy of the relevant appeal provisions are attached.

# REPLACEMENT BRIDGE AND PROPOSED ROAD ALIGNMENT NOAH CREEK, CAPE TRIBULATION FOR NQ CIVIL CONTRACTORS PTY LTD



Sheet Number	Sheet Title
1001	CONST. THEFT
1001	SAFETY IS DESIGN REPORT.
1009	TYPICA DIGILIBETICAL
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1901	CASSIST DITING PLAN
C008	SICHAGE AND LINEHARKSHIC PLIES
C2004	NOWS CROSS SECTIONS - SHEET 1 OF 2
1200	NOWD ENDER DECYCLARY - EMBET 2 OF 2
IIII	ACTERS DETAILS PLAN
1111	KONSHITTON PLAN

Structural Drawing List				
Sheet Number	Sheet Title			
Edit.	STRECTURAL NOTES			
101	CENERAL ARRANGEMENT - PLAN			
1120	CENTRAL ARRACHMENT LENG METTER			
1100	CONTRAC ARRANGEMENT - ISS PREPARETURE & ABUTYARIA' ASSAURAGE.			
1121	GENERAL ARRAGEMENT - DECK CROSS VECTION			
104	CENTRAL ANNAIGHMENT - MACHINET E HEADSTOCK SCHOOL DIS			
1001	CEREBUL ARRANGEMENT - RENEWALL & RELEYING SLAS ELEVATION			
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1121	CERROLL ARRAGINAT FREE HEADTOICE S & 2 - MIRES			
3126	STREET, DRAWGHEST - PRECEIT WILDOWS - DHEFT S			
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ISSUED FOR CONSTRUCTION NQC-0023 C001 A

#### DESIGN HAZARD SCHEDULE

ITEM	DESIGN HAZARD	POTENTIAL HAZARD	RISK	ELIMINATION / MINIMISATION OF HAZARD / RISK	RESIDUAL RISK
81	ROAD DETSION HAZDIED	DICREASED DRIED OF TRAFFIC ON CAPE TRIBULATION ROLD WILL SHORESE THE SIZE OF SEAS END COLLISIONS AT FOREST TAY SCO HUTS ACCESS AND DRIVEWAYS ON SOUTH EASTERN SIDE OF SECON.	нан	A BULIERA INTERSECTION FOR VEHICLE EXPESS AND INDEESS MAK RECOMMENDED, THIS MOMENTER IS DUTTION THE CARRIEST EXCHIP OF WORKER FOR THEIR PROJECT AND THEIR PORE ONLY HORSELF IN CARRIEST AND SHOULDER WIGTHS HAVE BEEN ADDITION.	HISH
82	ROAD DESIGN HAZIND	DRIVINGEY, ON SOUTH EXTERN LIST OF BRIDGE DO HET HEET TEAMAND LAVE INTERSECTION SOUT DISTANCE INCREASED. THE BRIX OF COLLEGIONS, SANTY BARKER ON BRIDGE APPROACH DOES NOT HEET HISINGHAM LENGTH IN ACCORDANCE WITH THE TEAMAND CARAMINIST OF DISTANCE LOCATION.	нен	PROVIDED A SHIELD ACCESS TO BOTH CANYWAYS TO ACHIEVE SAFE SYSTEMSCHOOL REGIST DISTANCE AND HANGLE HEACTH PARTY BARRIER TO BEDGE SPRIGGES HE COMPRIGED HE COMMISSED BY PREMISED TO BEDGE THE RICK OF COLLEGIONS. THEIR HONOLYSE IS CONTROL THE CARRIEST SCOT OF VERSION FOR THE PRODUCT AND THE CARRIEST ACCESS ARRANGEMENT AND BEIN MOST AND THE ACHIEVE AND THE ACTION OF VERSION FOR ACCESS.	HIDH
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D4	BOAD EHBENKHENT AND ETGRHAATER ATTENUATION	TABLE DRAIN DESCRICE TO REDUCE LIND RESUMPTIONS TO ADACHIST PROPERTY INCREASING BISK OF DRAINAGE IMPRICTS TO ROAD AND PROPERTY.	HIGH	IN CONSULTATION WITH COUNCIL & Y-DRIBN WAS CONSIDERED AND ADOPTED HOWEVER A TRANSPOSICION GRAIN WAS ADOPTED FROM 16,000 - CHUTE, TIST ON LEFT HAND SIDE TO HAINTAIN EXISTING DRAINAGE CAPACITY.	HODERATE

#### CONSTRUCTION HAZARD SCHEDULE

ITEM	POTENTIAL HAZARD	POSSIBLE PREVENTATIVE ACTION
C1	DESP EXCAVATION HIGHED	ALL STEPS HURT BETWENTO ORTHO CURRENT UNDERSTOOM DERVICES INFORMATION REFORE EXCAVATION HORIX CO-MENCE, EXCAVATION HORIX HURT BE UNDERTAKEN BY APPROPRIATELY EXPRESSION AND QUALIFIED PRESCHARE, EXCAVATIONS OF HELD BE UNDERTAKEN BY APPROPRIATE MARKETEDS AND SUDAND RESISTED, 9 REQUIRED.
а	UNDERCROUND BLECTECH, TELECOMMUNICATION, GAS AND WATER MAIN HIZZARD	VARIANCE LEDGE AND HARKESS SHALL BE SECTED ADVISION OF THE PRESENCE OF THE EXITTING SERVICE. THE SERVICE SHALL BE SENTIFED AND HARKES AND THE SUPPLY AUTHORITY PRICE TO THE COMMERCEMENT OF EXCENSION WORK, P. REQUISED.
EI	WORKS NEAR BAIL, AMPORTS AND ROADS HIZZARD	ALL REQUISIO PERHITI, APPROVALS AND EARTY REQUISITISTICS THE RELEVANT AUTHORITY SHOULD BE DISTANSO PRICE TO COMMISSION WORK. A REPRESENTATIVE OF THE RELEVANT AUTHORITY SHALL REPLACE ON STEEL DURING CONSTRUCTION WHILE THE HIZMAN BEHAVIOR.
C4	POTENTIAL VEHICLE HIZZARD	STE PRECONDS SHALL BE ADMISS OF THE POTENTIAL HICKNOSS AND THE APPROPRIATE PROCESSING FOR HORIZON ADDRESS THE ADMITS CONTINUED THE SAME APPROPRIATE SAMETY COPYRIGH SHALL BE INCOMED. AND THE REQUIRED SECRET SHALL BE INCOMED.  PRECONSIL.
CI	DEMOLITION AND CLEARING HAZARD	SUTABLE QUALIFIED AND EXPRENCED PRECONNEL SHALL BE REPORTED FOR THE DEHOLITON AND CLIMING WORKS FOR THE PROJECT AT ALL THREE THE CONTRACTORS WORK HETHOD STATEMENT SHALL ALSO ONE CONSIDERATION TO PALLING DEBRIS, COLLIFIE AND CANCEROUS ARRONNEL ACENTS.
C&	TRAFFIC HANAGEMENT HIGAND	SUTABLE QUALIFIES AND EXPERIENCED PRESONNE, SHALL BE REPORTEDE FOR THE SAFE AND ORDERLY PARENCE OF VEHICLAS AND PROSETTION TRAFFIC THROUGH THE PROSECT AT ALL THRILL THE CONTRACTOR SHALL DEVELOP A TRAFFIC HARACEMENT PLAN (THP) FOR THE PROSECT TO ESTABLISH APPROPRIETS CONTROLS ON ACCORDANCE WITH THE HARACE FOR UNIFORM TRAFFIC CONTROL.

- PRIMES BUSTIALIA PTY LTD (PRIMES), MAYING BEEN COMMISSIONED TO CARRY OUT DETAILED DESIGN AND DOCUMENTATION OF THESE WORKS.
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#### CONSTRUCTION HAZARD NOTES:

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#### CONSEQUENCE TABLE

LEVEL	CONSEQUENCE	COST/TIME		
1 - CATHETROPHIC	PATILITY OR HULTIPLE PREIDNE ONUTE WITH LIFE THERATENING HEALTH EPPECTS OR HARBLITY TO CONTINUE	HUGE FINANCIAL OR TIME LOSS		
4 - HAJDR	EXTENSIVE INJURIES, OR CHIEF OF SEVERE OR LIFE THREATENING HEALTH SPRICTS TO SINGLE PERSON ORIUS. HULLTIPLE PERSONS WITH OWIST OF SREWERSSELE HEALTH SPRICTS. PERSONNENT INJURY TO PERSON OWITS.	HAIDE FRANCIAL DE TIME LOSS		
1-H0088478	MEDICAL TREATMENT REQUIRED. RESPONSES HEALTH EFFECT TO A SHIELD PERSON, HILLTIPLE PERSONS ONLYS WITH REVIEWED HEALTH EFFECTS.	HIGH FRANCISL OR THE LOSS		
2-HINDE	PRIOT AID, SINGLE OR HULTIPLE INJURIES AHONGST PRESDNS GNUTS. SINGLE PRESDN GNUTS WITH HODERATE SHORT TERM REVERSIBLE HEALTH EPPSCTS.	HEDUH FRANCIAL OR TIME LOSS		
1 - INDIGNIFICANT	NO INJURIES. OVER EXPOSURE TO A SINGLE PERSON DIVIDE, BUT NO REPORTED HEALTH EFFECTS.	LOW FRANCIAL OR TIME LOSS.		

#### LIKELIHOOD TABLE

LIML	DESCRIPTION	QUANTIFICATION GUIDS
A - ALHOST CERTAIN	THE EVENT $\underline{\underline{\alpha}}$ EXPECTED TO DOUB IN HOST CRETAIN CIRCUMSTANCES.	HORE THAN DACE FEE YEAR
B - LIKELY	THE EVENT MILL PROBABLY OCCUR IN HOST CIRCLIMSTANCES	AT LEAST ONCE IN 1 YEARS
C - POLLINE	THE EVENT SHOULD OCCUR AT LONG TIME	AT LEAST ONCE IN SO YEARS
D-UNLKELY	THE EVENT COULD OCCUR AT SOME TIME	AT LEAST ONCE IN 10 YEARS
E-RAIE	THE EVENT HAY DOOR IN EXCEPTIONAL CHICAMITANCES.	LESS THEN DACE IN 10 YEARS.

#### RISK ANALYSIS MATRIX

		CONSEQUENCE				
		1 - INDENFICANT	2 - HINGE	1 - HOSEKATE	4 - HILLOR	1-CATASTROPHIC
Г	A - ALMOST CERTAIN	HODERATE	HIGH	EXTREME	EXTREME	DOTTO
000	B-LKELY	HODERATE	HIGH	HIGH	EXTREME	EXTREME
3	C - POSSIBLE	LOW	HODERATE	HIGH	EXTREME	EXTREME
×	D-DILIKELY	LOW	LOV	HODERATE	HIGH	EXTREME
	1 - KM1	LOW	LOV	HODERATE	HIGH	HIGH

#### RISK EVALUATION TABLE

RISK LEVEL	ACTION REQUIRED	
EXTREME	UNACCEPTABLE BISK, RE-DESIGN REQUIRED, DO NOT PROCEED WITHOUT ADDITIONAL CONTROLS.	
HIGH	UNACCEPTIBLE RISK. IODITIONAL CONTROLS HEEDED, CONSIDER PURTHER REVIEW AND CONSIDER RE-DESIGN	
HODERATE	RISK HAV BE ACCEPTABLE. HANAGEHENT TO DETERMINE ACTIONS REQUIRED	
LOW	ACCEPTABLE. HIGHES BISK THROUGH BOLTING PROCEDURES AND OTHER ADMINISTRATIVE CONTROLS.	

#### ISSUED FOR CONSTRUCTION

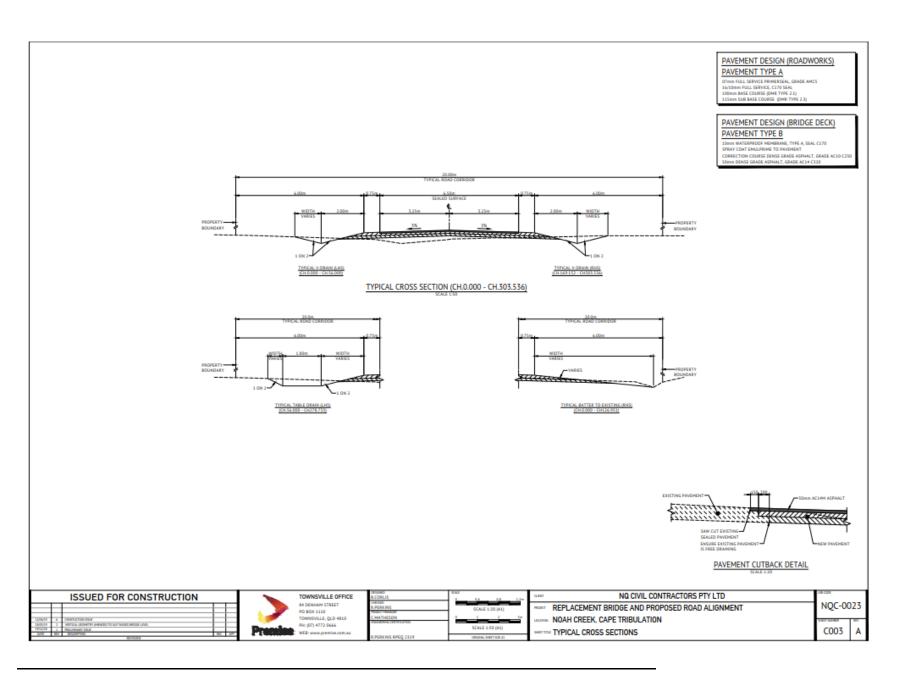


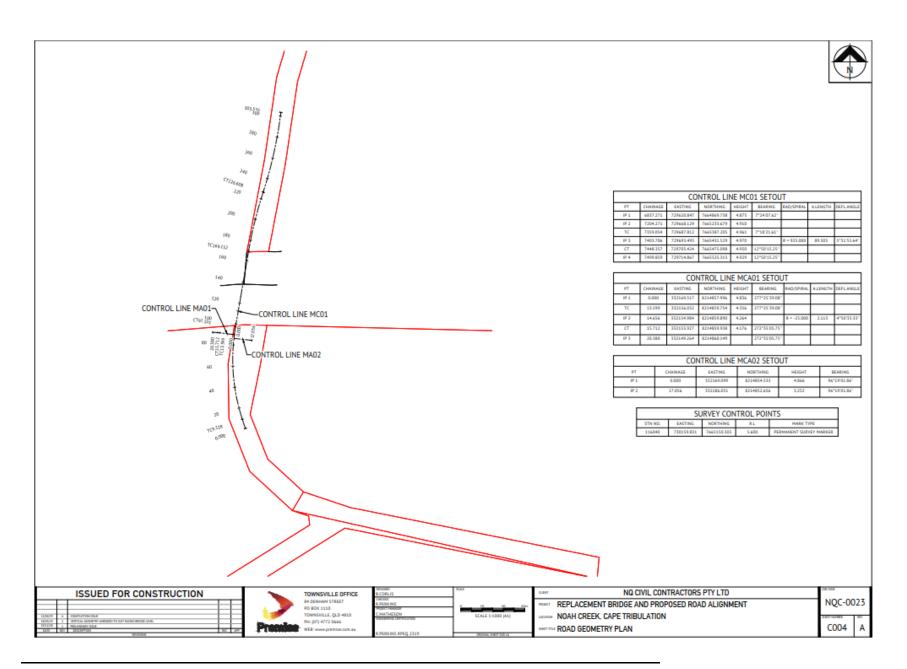
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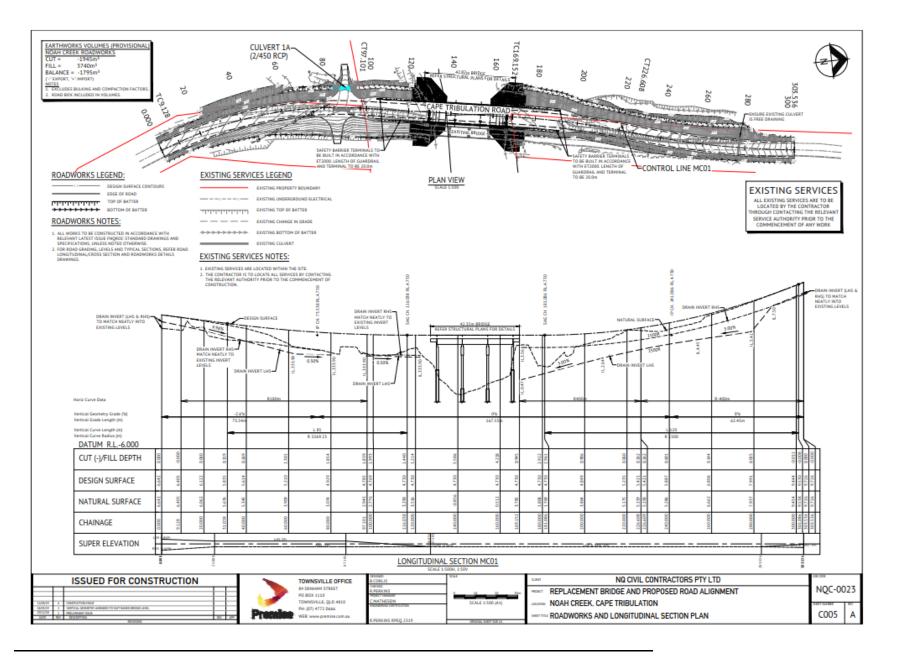
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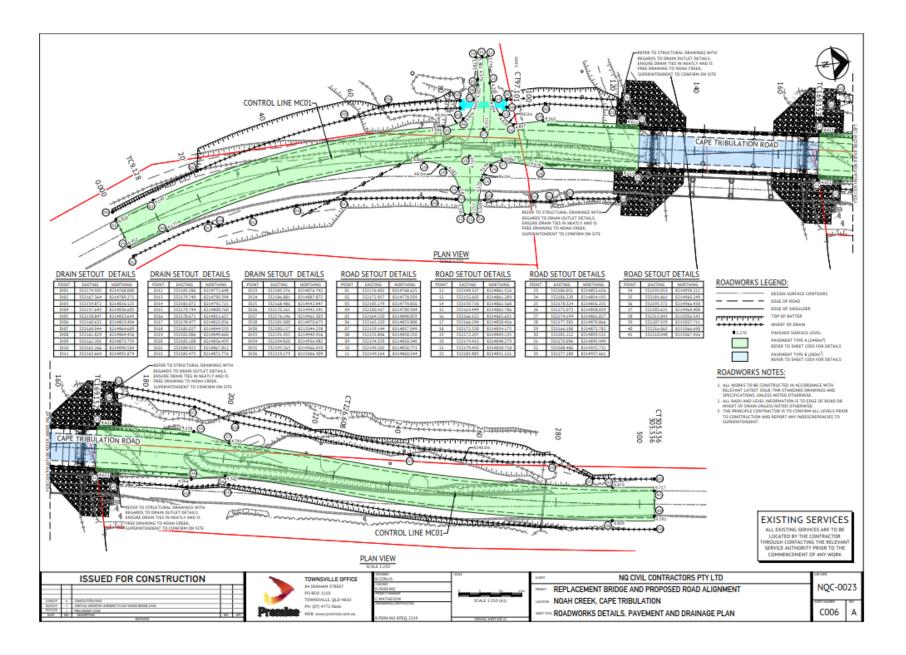
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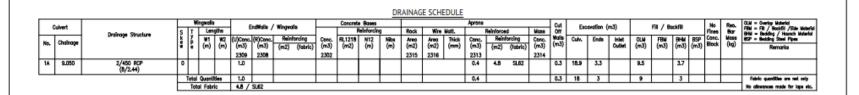
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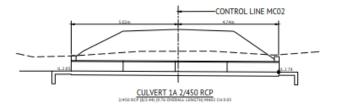












NOTE: FOR CULVERT DETAILS REFER TO THE STANDAR DRAWINGS - 1305, 1306, 1359.

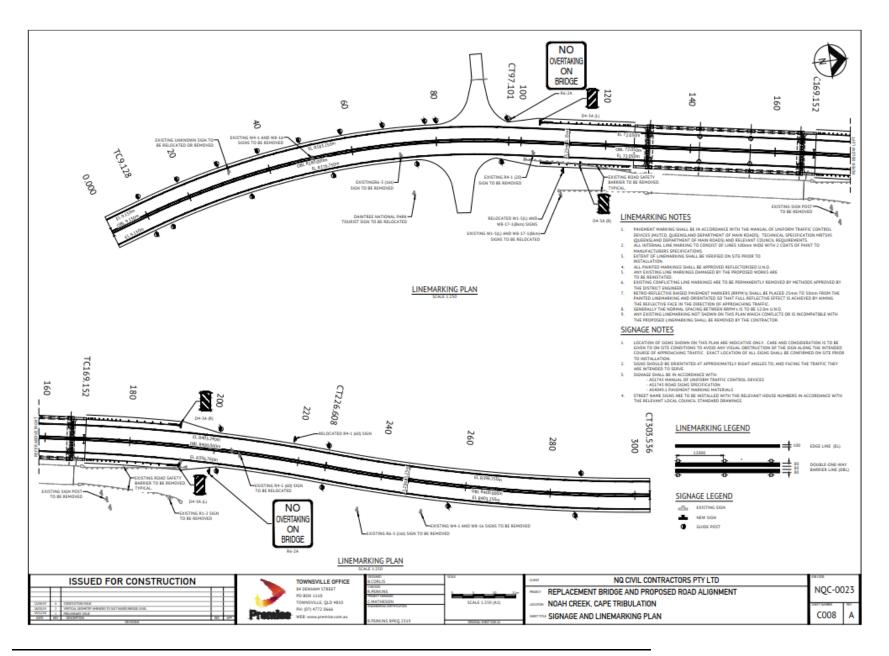
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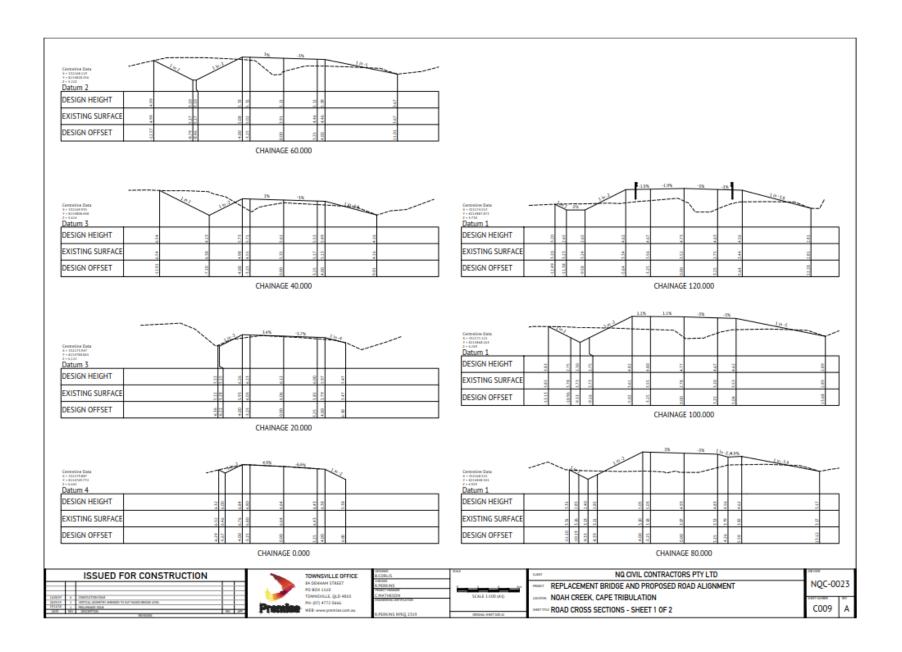


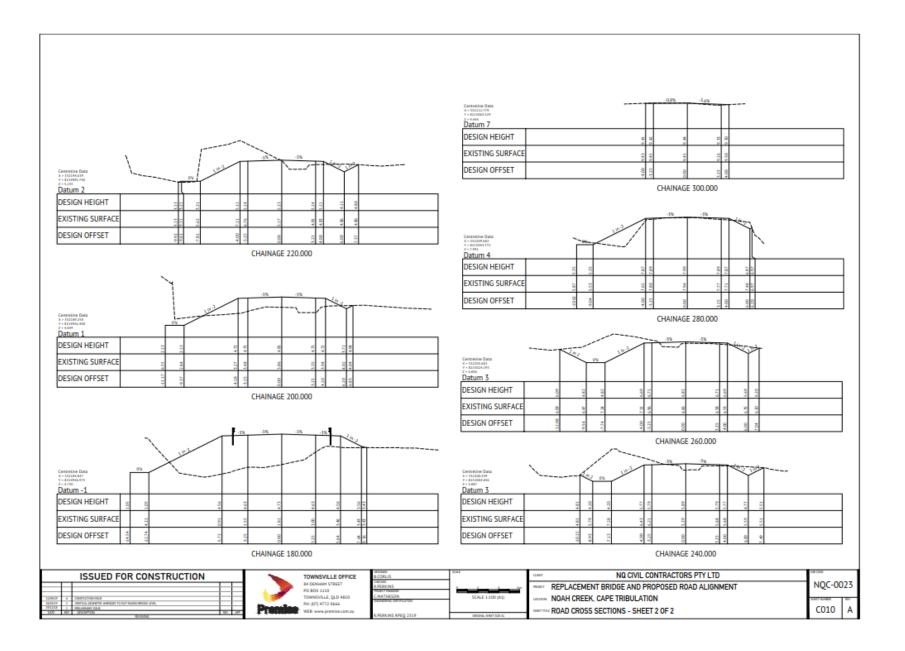
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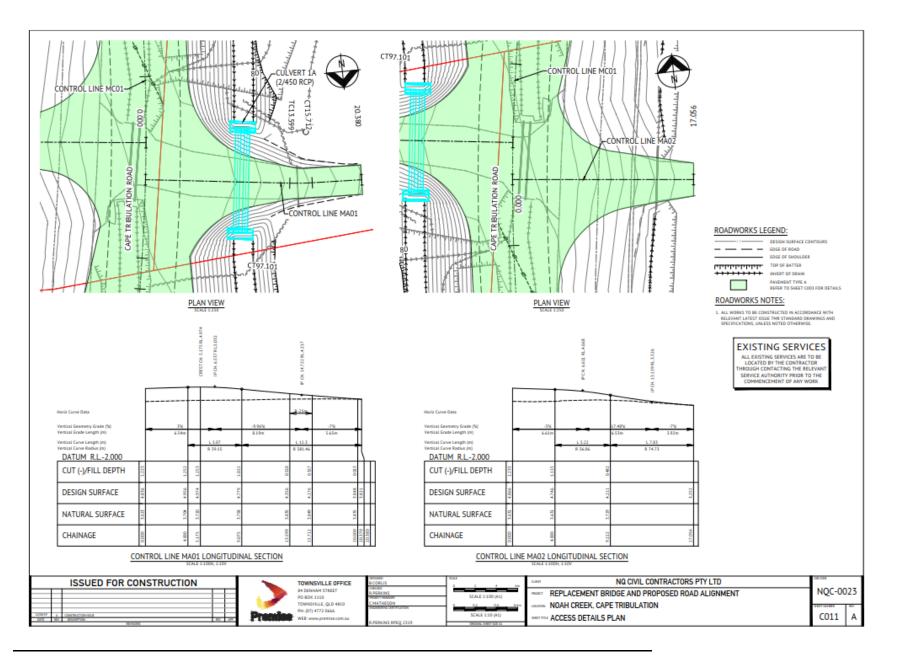
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PROJECT	REPLACEMENT BRIDGE AND PROPOSED ROAD ALIGNMENT
acution	NOAH CREEK, CAPE TRIBULATION
SHEET TITLE	CULVERT DETAILS PLAN

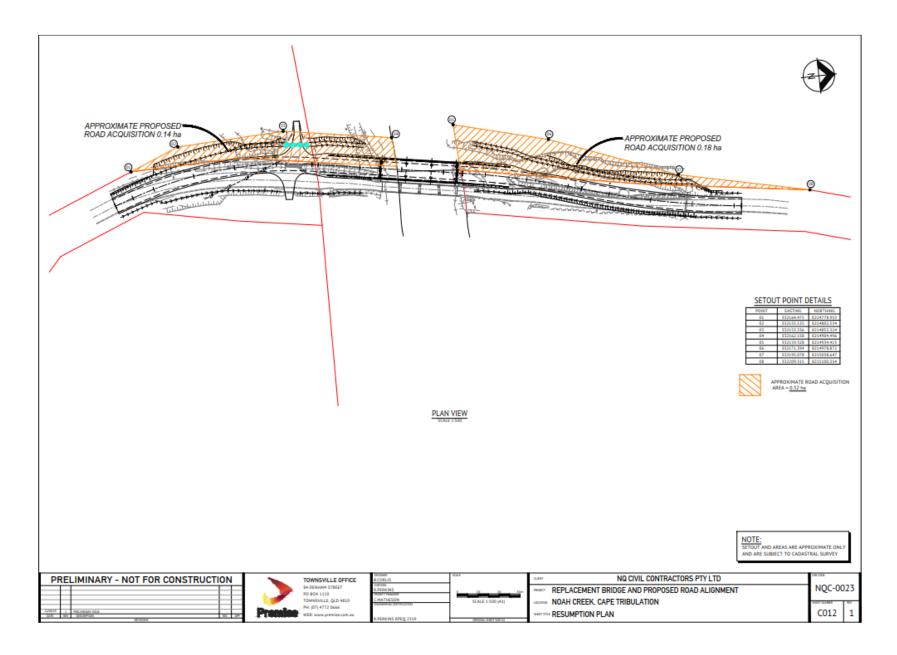
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#### GENERAL

- THESE DRAWINGS SHALL BE READ IN CONLINCTION WITH THE BRIDGE SPECIFICATION, PROJECT SPECIFICATION, AND AMENDMENTS, CIVIL DRAWINGS AND OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE PROJECT.

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#### DESIGN DATA

- BRIDGE DESIGNED IN ACCORDANCE WITH ASS100-3017
- DESIGN LOADS: LIVE LOADS: DESIGN SPEED MINDS:
- 2 DESCENTANDE ON LADOR DE L'ANDRE TOURNE POUT TOURNE POUT DE LOMBE CARRIAGEMENT INTERIM CONFIGURATION DISCONTRATOR OFFICE ACTUON + 4500 C 3 (10 41 107 C) (1
- - 0200 × 4 35 m/s
- Vo = 77 m/s (ULS), 47 m/s (SLS) WIND LOADS: TEMPERATURE DIFFERENTIAL + +13°C / -37°C
- BARRER PERFORMANCE LEVEL: REGULAR

  L.L. CONSTRUCTION LOADS TO BE LIMITED TO LESS THAN DESIGN LOADS.

#### CONCRETE

- ALL CONCRETE WORK INCLIDING COMPACTION OPERATIONS, CURING AND FINISHES SHALL BE IN ACCORDANCE WITH ASSISTED. & MRTS70.
- ALL EXPOSED EDGES (RIGHT) AND PRECAST, EXCEPT DECK UNITS) TO MAKE 19439 CHAMPERS UNLESS SHOWN OTHERWISE.
  CONCRETE CLASS (FOR DURABLITY) AND MINIMUM COVER TO ALL REINFORCEMENT FOR VARIOUS ELEMENTS SHALL BE AS FOLLOWS.

ELEMENT	EXPOSURE CLASS	CLASS	HEN COVER	SUSAMES
BLINDING CONCRETE		M20/20		
CONCRETE BORED PILES	CI	535/20	10	CAST AGAINST FORHWORK
PIER HEADSTOOKS	82	\$50/90	50	RIGID FORMWORK AND INTENSE COMPACTION
ABUTMENT HEADSTDOKS, BALLAST WALLS, AND WING WALLS	82	550/20		RIGID FORMWORK AND INTENSE COMPACTION
PRECAST BEAMS	80	\$50/20		RIGID FORMWORK AND INTENSE COMPACTION
RELIEVING SLARS	82	\$40/20		RIGID FORMWORK AND INTENSE COMPACTION

- NO HOLES, CHASES, OR EMBEDMENT OF PIPES OTHER THAN THOSE SHOWN ON THE DRAWINGS SHALL BE MADE IN CONCRETE MEMBERS WITHOUT PRIOR APPROVAL OF THE SUPERINTENDENT.
- CONSTRUCTION JOINTS SHALL BE PROPERLY PORMED AND USED ONLY WHERE SHOWN ON THE DRAWINGS OR APPROVED BY
- CONCRETE IN PARTICULAR, NO METAL INSERTS, METAL BAR CHARGE OR METAL SPACERS OR ANY KIND ARE TO BE PLACED ON
- APPROVAL BY THE DESIGNER AT LEAST (6) WEEKS PRIOR TO COMMENCING CONCRETE WORKS.

#### REINFORCEMENT

- R.4. REINFORCEMENT IS REPRESENTED DIAGRAMMATICALLY AND NOT NECESSARILY SHOWN IN TRUE
- PROJECTION.
  BEHINFORCING STEEL SHALL BE IN ACCORDANCE WITH MRTS/1, AS,NZS4671 AMD AS 5100.5
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- R.10. SPACING OF REINFORCEMENT SHALL BE TAKEN AS EQUAL LINO.
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956	800	NS6	450	
H20	1500	1620	900	
1924	1250	624	1000	
N23	1550	N28	1150	
M33	1900	1652	1450	
1934	1300	936	1750	
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P.2. TOP OF PILES SHALL BE SCABBLED AND CLEANED PRIOR TO CASTING CONCRETE.

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#### STANDARD DRAWINGS

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1045 SHEETS 1, 2 & T	REINFORCING STEEL - STANDARD BAR SHAPES
1044	REINFORCING STEEL - STD HOOK, LAP AND BEND DETAILS AND GENERAL STEEL REINFORCING INFO.
1065	STANDARD DATE PLATE - GENERAL ARRANGEMENT
3045	BRIDGE KERBS - STANDARD DETAILS OF CAST INSITU KERBS FOR TRANSVERSELY STRESSED PSC UNITS
3652 SHEETS 1 TO 4	PRECAST UNITS - 12th PSC DECK UNIT
1380 SHEETS 1 TO 5	BRIDGE TRAFFIC BARRIERS - POST AND RAIL TRAFFIC
2255	ABLITMENT PROTECTION - TYPE 1 - ROCK SPILLTHROUGH - GREATER THAN 1700 CLEARANCE
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#### CONSTRUCTION SEQUENCE

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  - BORED PILES.
    PHASE 2: CONSTRUCT ABUTMENT AND PIER HEADSTDOKS AND WINGWALLS

  - PHASE 1. BACKFILL BEHIND ABUTMENTS WITH COMPACTED FILL AND BASE EMBANEMENT TO PAVEMENT LEVEL.
    PHASE 4. CONSTRUCTED GARRON ABUTMENT AND APPROACH EMBANGMENT PROTECTION.
  - PHASE 5. INSTALL PRECAST CONCRETE DECK UNITS AND ANCHOR TO ABUTHERNT AND PER HEADSTOCKS. PHASE 6. GROUT BETWEEN DECK UNITS MOT LESS THAN 48 HOURS BEFORE THANKVEREE STRESSING. PHASE 7. INSTALL TRANSVERSE STRESS BARS AND STRESS BRIDGE SUPERSTRUCTURES.
  - PHASE 8. CONSTRUCT BRIDGE, DECK WEARING SURFACE, JOINTS, AND FINISHES AT LEAST 300 DAYS AFTER
  - PRECAST DECK UNIT MANUFACTURE.
    PHASE 9. CONSTRUCT BRIDGE APPROACH AND COMPLETE LINEMARKING.
  - PHASE 10. REMOVAL OF SIDE TRACK AND STEEL PIPES.
    PHASE 11. UNDERTAKE DEMOLITION WORKS OF EXISTING BRIDGE STRUCTURE.

#### ISSUED FOR CONSTRUCTION

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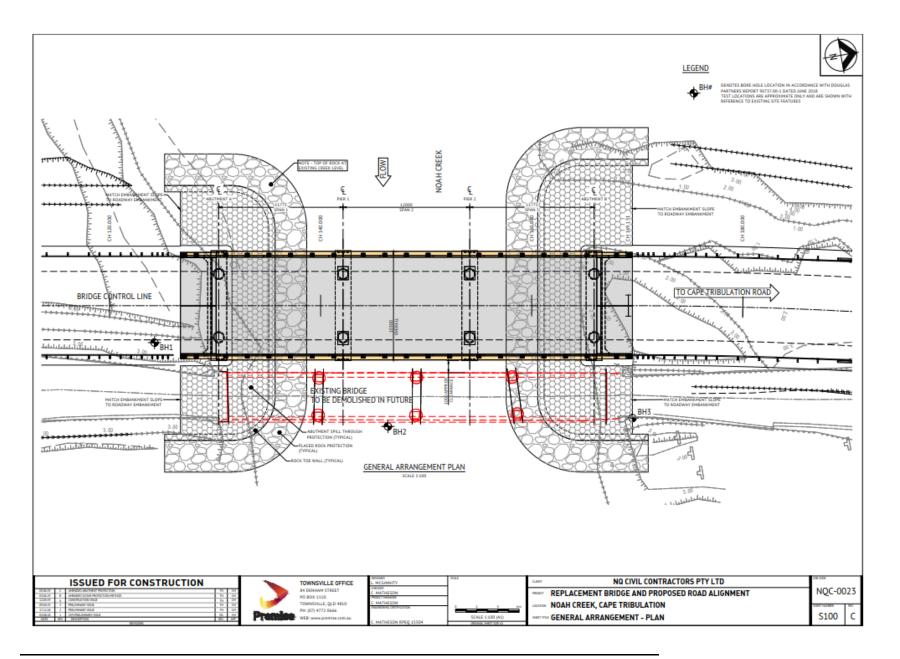
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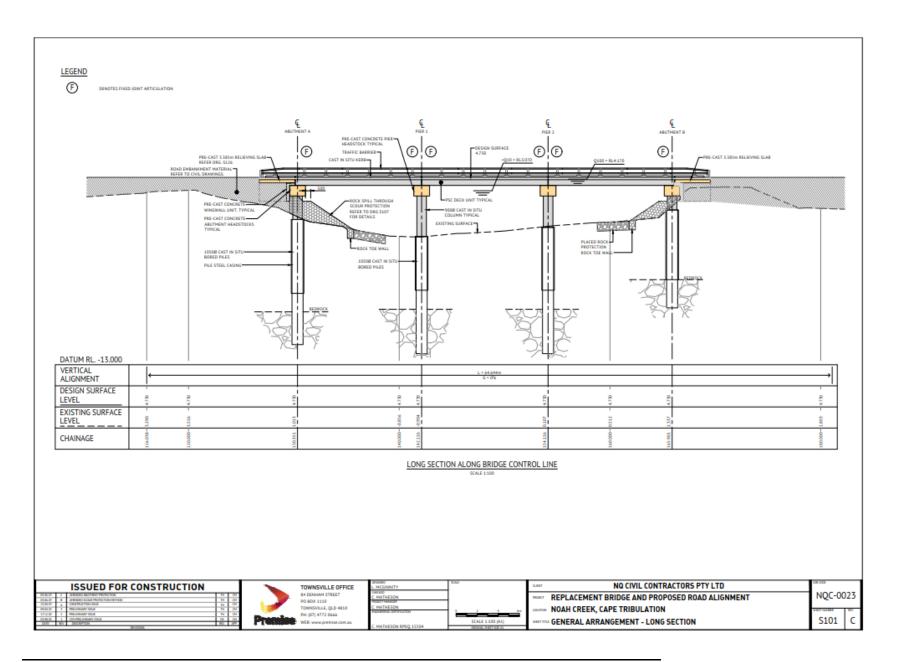
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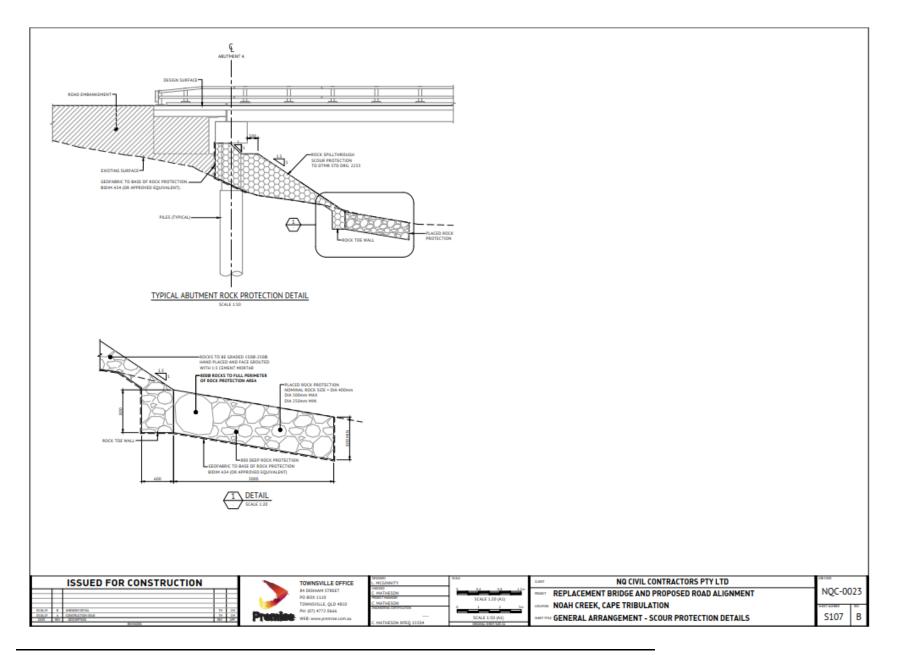
NOAH CREEK, CAPE TRIBULATION STRUCTURAL NOTES

NQC-0023

5001







# **Concurrence Agency Conditions**

RA6-N



Queensland Treasury

SARA reference: 2003-16006 SRA Council reference: OP2020\_3516/1

Applicant reference: WO3046-Noah Creek Bridge

15 September 2020

Chief Executive Officer Douglas Shire Council PO Box 723 Mossman Qld 4873 enquiries@douglas.qld.gov.au

Attention: Daniel Lamond

Dear Sir / Madam

# SARA response— Noah Creek Bridge Replacement

(Referral agency response given under section 56 of the Planning Act 2016)

The development application described below was confirmed as properly referred by the State Assessment and Referral Agency on 20 March 2020.

# Response

Outcome: Referral agency response – with conditions.

Date of response: 15 September 2020

Conditions: The conditions in Attachment 1 must be attached to any

development approval.

Advice: Advice to the applicant is in **Attachment 2**.

Reasons: The reasons for the referral agency response are in Attachment 3.

# Development details

Description: Development permit Operational work (bridge replacement)

SARA role: Referral Agency.

SARA trigger: Planning Regulation 2017:

Schedule 10, Part 6, Division 3, Subdivision 3, Table 1 - Development

application for Fisheries - Marine plants (10.6.3.3.1.1)

Schedule 10, Part 6, Division 4, Subdivision 3, Table 1 - Development

Far North Queensland regional office Ground Floor, Cnr Grafton and Hartley

Street, Cairns

PO Box 2358, Cairns QLD 4870

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application for Fisheries - Waterway barrier works (10.6.4.3.1.1)

Schedule 10, Part 17, Division 3, Table 1 - Development application for Tidal works or works in a coastal management district (10.17.3.1.1)

SARA reference: 2003-16006 SRA

Assessment Manager: Douglas Shire Council

Street address: Noah Creek Real property description: 20NPW695

Applicant name: Douglas Shire Council 64-66 Front Street Applicant contact details: Mossman QLD 4873

daniel.favier@douglas.qld.gov.au

# Representations

An applicant may make representations to a concurrence agency, at any time before the application is decided, about changing a matter in the referral agency response (s.30 Development Assessment Rules) Copies of the relevant provisions are in Attachment 4.

A copy of this response has been sent to the applicant for their information.

For further information please contact Tony Croke, Principal Planner, on 40373205 or via email CairnsSARA@dsdmip.qld.gov.au who will be pleased to assist.

Yours sincerely

Brett Nancarrow Manager (Planning)

Kuhumaa)

Douglas Shire Council, daniel.favier@douglas.qld.gov.au

Attachment 1 - Referral agency conditions enc

Attachment 2 - Advice to the applicant Attachment 3 - Reasons for referral agency response Attachment 4 - Representations provisions Attachment 5 - Approved plans and specifications

Attachment 1—Referral agency conditions

(Under section 56(1)(b)(i) of the *Planning Act 2016* the following conditions must be attached to any development approval relating to this application) (Copies of the plans and specifications referenced below are found at Attachment 5)

No.	Conditions	Condition timing			
Opera	Operational works being removal, destruction or damage of marine plants				
of Dep which	10.6.3.3.1.1—The chief executive administering the <i>Planning Act 2016</i> nominates the Director-General of Department of Agriculture and Fisheries to be the enforcement authority for the development to which this development approval relates for the administration and enforcement of any matter relating to the following condition(s):				
1.	Operational works to remove, damage, destroy marine plants being limited to 11 m <sup>2</sup> , of mangrove fern and shown in General Arrangement Plan, prepared by Premise, dated 05/06/19, reference NQC-0023-S100 and revision C, amended in Red.	At all times			
2.	Provide written notice to notifications@daf.qld.gov.au, when the development authorised under this approval:  (a) will start, and (b) when it has been completed.  These notices must state this permit number 2003-16006 SRA.	At least 5 business days but no greater than 20 business days prior to the commencement of the works Within 15 business days of the completion of the fisheries development works			
3.	For the proposed works, only use clean materials and ensure that the works do not cause contamination.	For the duration of the works			
4.	Spoil is not disposed of on tidal lands or within waterways and is managed to prevent acid soil development.	At all times			
5.	This fisheries development (as defined by the Fisheries Act 1994) constitutes a place that is required to be open for inspection by an inspector at all times, pursuant to section 145 of the Fisheries Act 1994.	At all times			
6.	Marine plants authorised for removal and other material used in the development (e.g. debris, construction material, soil, etc.) are to be promptly removed from the intertidal zone.	For the duration of the works the subject of this approval and to be maintained			
Opera	ational works for constructing or raising waterway barrier works in	fish habitat			
of Dep which	3.1.1—The chief executive administering the Planning Act 2016 nominal partment of Agriculture and Fisheries to be the enforcement authority for this development approval relates for the administration and enforcement following condition(s):	the development to			
7.	The bridge construction must be undertaken generally in accordance with the following plans:  General Arrangement Plan, prepared by Premise, dated 05/06/19, reference NQC-0023-S100, revision C, as amended in red.  General Arrangement – Long Section, prepared by Premise, dated	For the duration of the works			

State Assessment and Referral Agency

	dated 12/04/2015, reference 14QC-0025-C000, version A	
	<ul> <li>Signage and Linemarking Plan, prepared by Premise, dated 12/04/2019, reference NQC-0023-C008, version A</li> </ul>	
	Roadworks Details, Pavement and Drainage Plan. prepared by Premise, dated 12/04/2019, reference NQC-0023-C006 and version A	
	<ul> <li>Roadworks and Longitudinal Section Plan, prepared by Premise, dated 12/04/2019, reference NQC-0023-C005-A and version A</li> </ul>	
	<ul> <li>Typical Cross Sections, prepared by Premise, dated 12/04/2019, reference NQC-0023-C003 and version A</li> </ul>	
14.	The bridge construction must be undertaken generally in accordance with the following plans:	For the duration of the works
of the which	3.1.1— The chief executive administering the Planning Act 2016 nominal Department of Environment and Science to be the enforcement authority this development approval relates for the administration and enforcement following condition(s):	y for the development to
Opera	ational works that is Tidal works or works in a coastal management	district
13.	The temporary waterway barrier described in condition 9 must be completely removed immediately after completion of construction of the bridge and removal of the old bridge.	Upon completion of the works subject of this approval
12.	Land profiles that are temporarily disturbed by the development works (other than those within the permanent development footprint, as shown on General Arrangement Plan, prepared by Premise, dated 05/06/19, reference NQC-0023-S100 and revision C, as amended in red, must be promptly restored to pre-work profiles.	Upon completion of the works subject of this approval
11.	The obsolete Noah Creek Bridge, must be completely removed immediately after the replacement structure inclusive of the approved fish passage, has been completed.	Upon completion of the works subject of this approval
	(b) between 1 November and 1 February to minimise disruption to spawning and migrating fish as well as the dispersal of plant propagules.	
10.	In-stream works are to be completed as quickly as possible, but must be avoided during times of:  (a) elevated flows of greater than a 10% AEP event; and	At all times
9.	The temporary waterway barrier works must be undertaken generally in accordance with the Noah Creek Bridge Replacement, Environment Management Plan (Construction Phase Services), prepared by Environment Pacific, dated February 2020, reference 080819 EMP and revision D, in particular:  • Section 2.2 – Proposed Works.	For the duration of works
8.	Maintain the development in accordance with the plans referenced in condition 8, and the requirements of any conditions included in this development approval.	At all times
	Road Cross Sections – Proposed Retaining Wall Location, prepared by Premise, DRAFT 30/06/19, reference NQC-0023-SKC006, revision 1, as amended in red	

State Assessment and Referral Agency

	<ul> <li>dated 05/06/2019, reference NQC-0023-S101, version C</li> <li>General Arrangement – Scour Protection Details, prepared by Premise, dated 05/06/2019, reference NQC-0023-S107 and version B</li> </ul>	
15.	For the proposed works, only use clean materials and ensure that the works do not cause contamination.	For the duration of the works
16.	a) An erosion and sediment control plan must be prepared by a suitably qualified person, in accordance with Best Practice Erosion and Sediment Control (BPESC) guidelines for Australia (International Erosion Control Association.      b) Provide the erosion and sediment control plan to the palm@des.qld.gov.au or mailed to:	a) and b) Prior to the works occurring  c) While works are occurring  d) Upon completion of the works
	Permit and License Management Implementation and Support Unit GPO Box 2454 Brisbane Qld 4001	
	c) Undertake the development generally in accordance with the erosion and sediment control plan; and     d) Provide written evidence from a suitably qualified person that all elements of this condition have been complied with.	
17.	Should the replacement Noah Creek Bridge collapse, fail or otherwise suffer structural consequences which impact their integrity or ability to function as intended, the works must be:  (a) reinstated in accordance with this development approval; or  (b) removed and disposed of at an appropriately licensed facility.	As soon as reasonably practicable subsequent to the damage
18.	Obtain RPEQ certification confirming that the tidal works, have been constructed in accordance with the relevant Australian Standards]. A copy of the certification must be provided to palm@des.qld.gov.au or mailed to:  Department of Environment and Science Permit and License Management Implementation and Support Unit GPO Box 2454 Brisbane Qld 4001	Within two (2) weeks of the completion of the works
19.	A rehabilitation plan must be prepared by suitably qualified person and must be:  i. In accordance with the National Standards for the practice of ecological restoration in Australia 2 <sup>nd</sup> edition.  December 2017 or more recent.  Provide the rehabilitation plan to the palm@des.qld.gov.au or mail to:  Department of Environment and Science	Prior to the commencement of the works

State Assessment and Referral Agency

	Permit and License Management Implementation and Support Unit GPO Box 2454	
20.	Any vegetation planted as a result of the rehabilitation work must be maintained as detailed within the rehabilitation plan. This includes but is not limited to the control of weed species and controlled pedestrian and vehicle access.	For 6 months after completion of the rehabilitation works

# Attachment 2—Advice to the applicant

# Terms and phrases used in this document are defined in the Planning Act 2016 its regulation or the State Development Assessment Provisions (SDAP) version 2.6 effective 7 February 2020. If a word remains undefined it has its ordinary meaning. Under Schedule 7, Part 3, Section 9 of the Planning Regulation 2017, operational works in a wetland protection area, that is high impact earthworks, and is carried out for government supported transport infrastructure, is accepted development if it complies with Schedule 14 of the Planning Regulation 2017.

State Assessment and Referral Agency

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# Attachment 3—Reasons for referral agency response

(Given under section 56(7) of the Planning Act 2016)

## The reasons for the department's decision are:

- The works are to replace a public facility, being a vehicle bridge. There is a demonstrated need for the bridge to connect Thornton Beach to Cape Tribulation.
- The bridge will provide adequate fish passage.
- Construction methodology and location of crossing will minimise impacts on the waterway.
- Environmental controls will be installed, and site rehabilitation will be undertaken to mitigate impacts.
- · The replacement dual lane bridge is coastal dependent development.
- Impacts on matters of state environmental significance have been avoided, minimised, mitigated and
  offset
- The development will not impact coastal processes along the coast as the new bridge is proposed 2km upstream.
- Scour protection works will be implemented for the abutments along Noah Creek. Vegetation will be removed; however, a rehabilitation plan will be in place.
- The proposed development does not significantly increase the risk or impact to people and property from coastal erosion.
- The development maintains the public use and access to state coastal land.
- Where impacts to matters of state environmental significance (MSES) are unavoidable, an Environmental Management Plan includes mitigation measures.
- The proposed location provides an adequate buffer to wetlands.

# Material used in the assessment of the application:

- The development application material and submitted plans
- Planning Act 2016
- Planning Regulation 2017
- The State Development Assessment Provisions (version 2.6 effective 7 February 2020), as published by the department
- The Development Assessment Rules
- SARA DA Mapping system
- State Planning Policy mapping system

# Attachment 4—Change representation provisions

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State Assessment and Referral Agency

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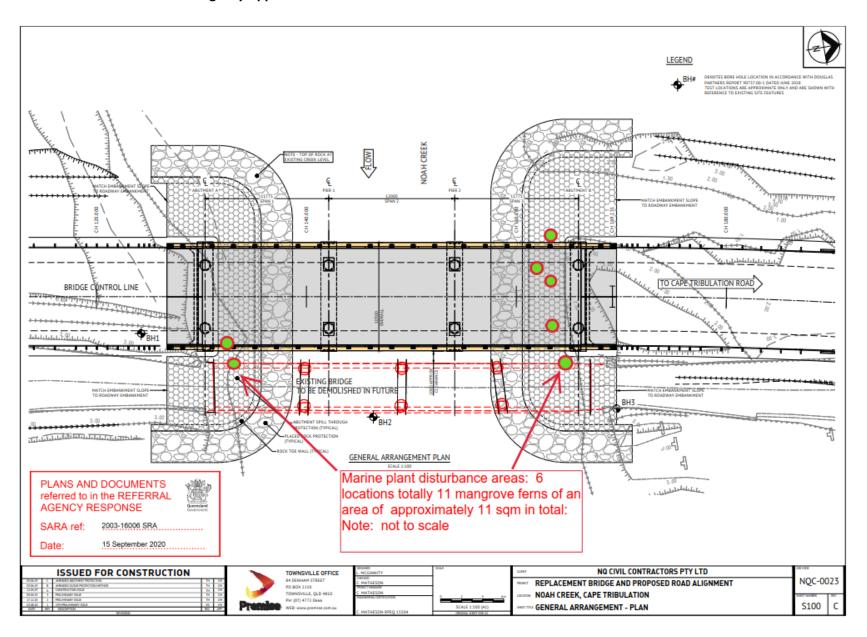
# Attachment 5—Approved plans and specifications

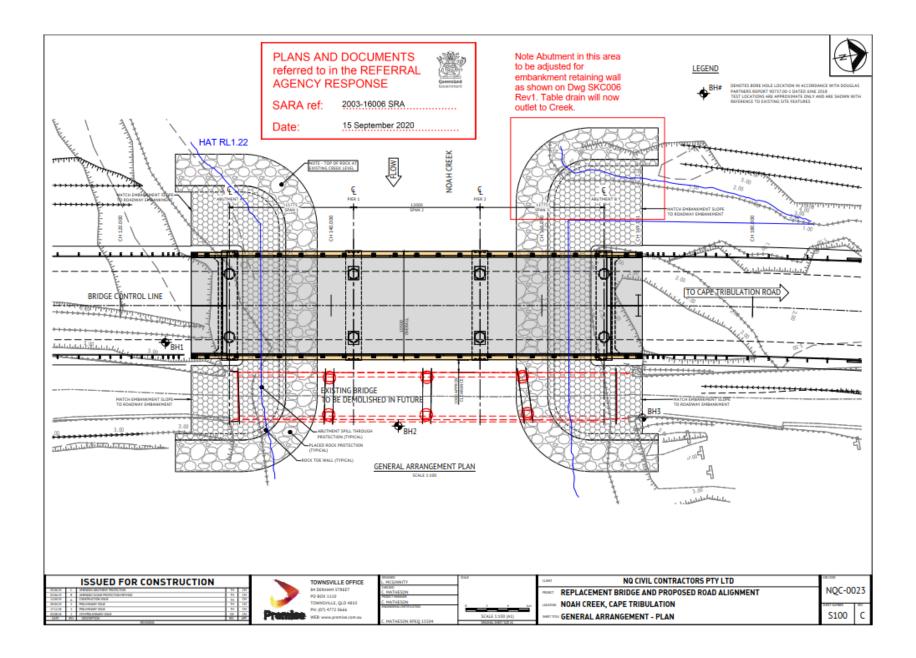
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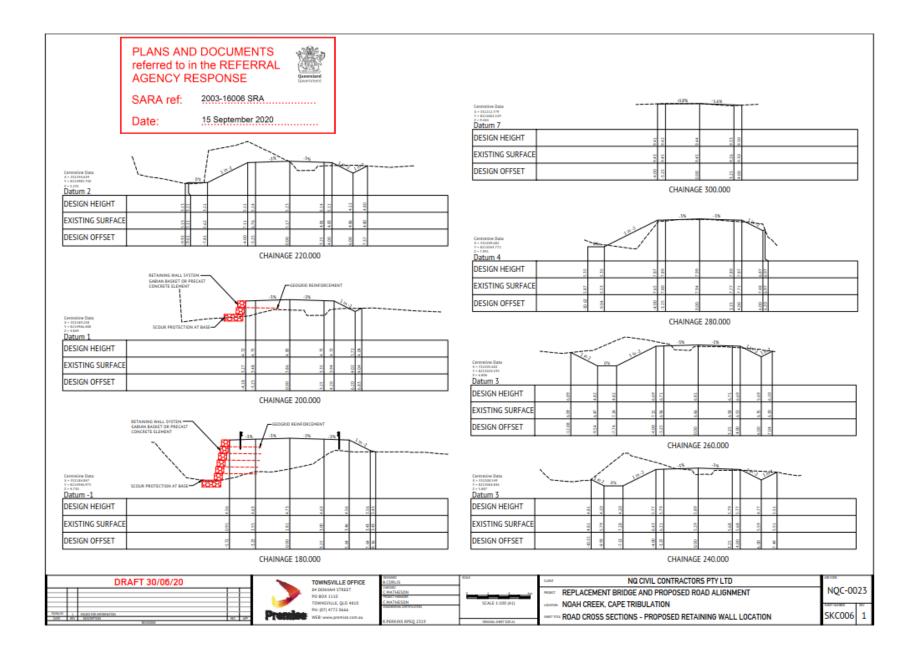
State Assessment and Referral Agency

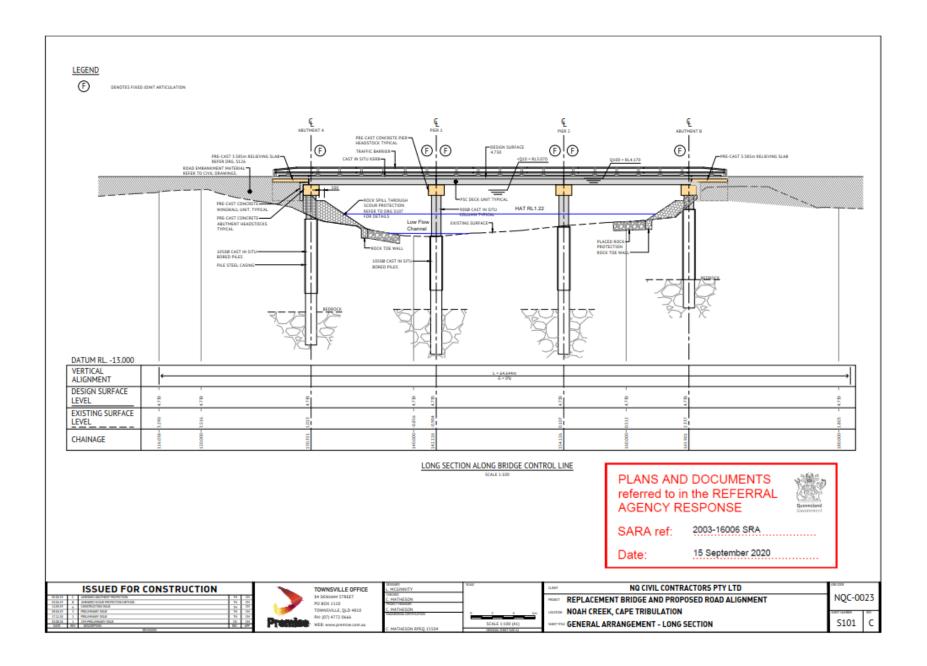
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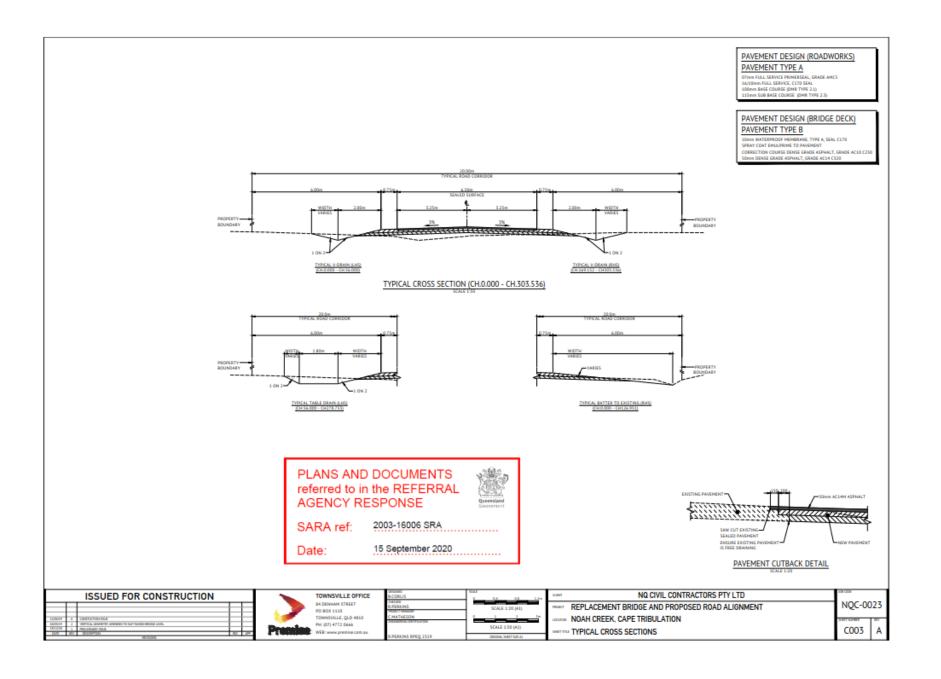
# **State Assessment and Referral Agency Approved Plans**

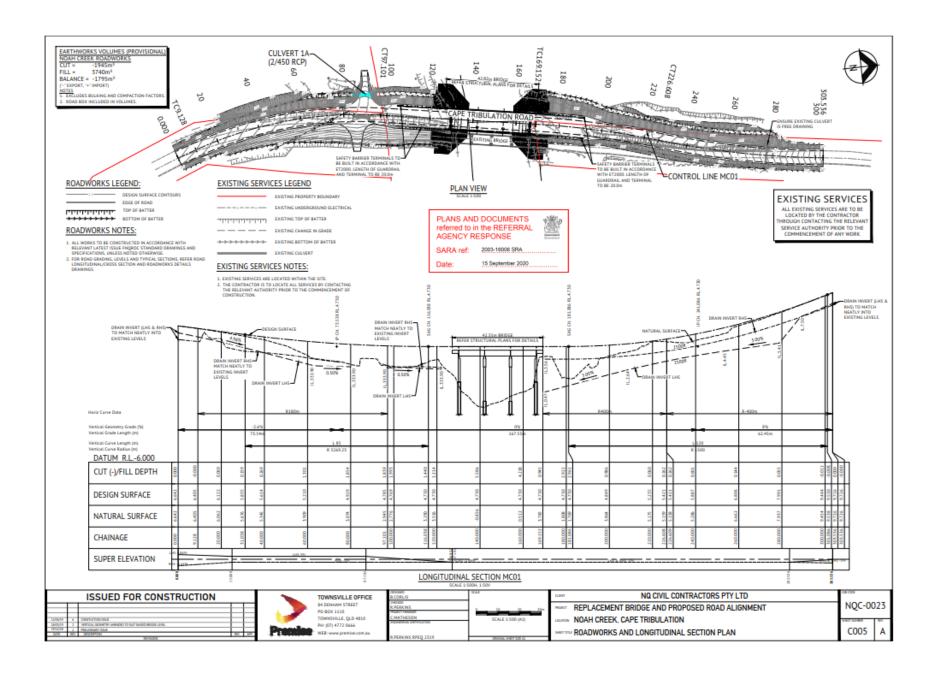


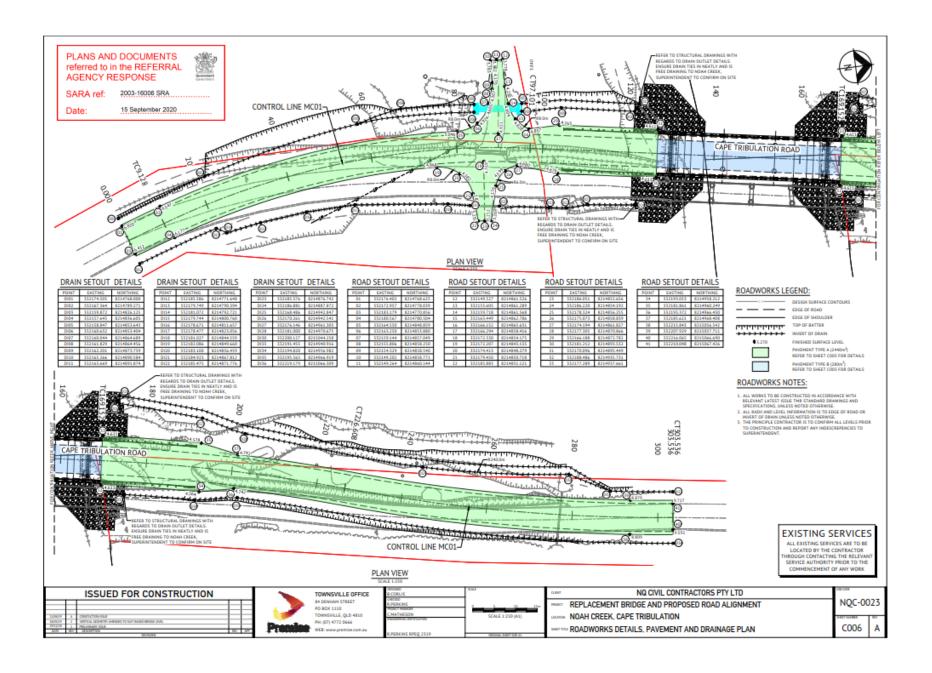


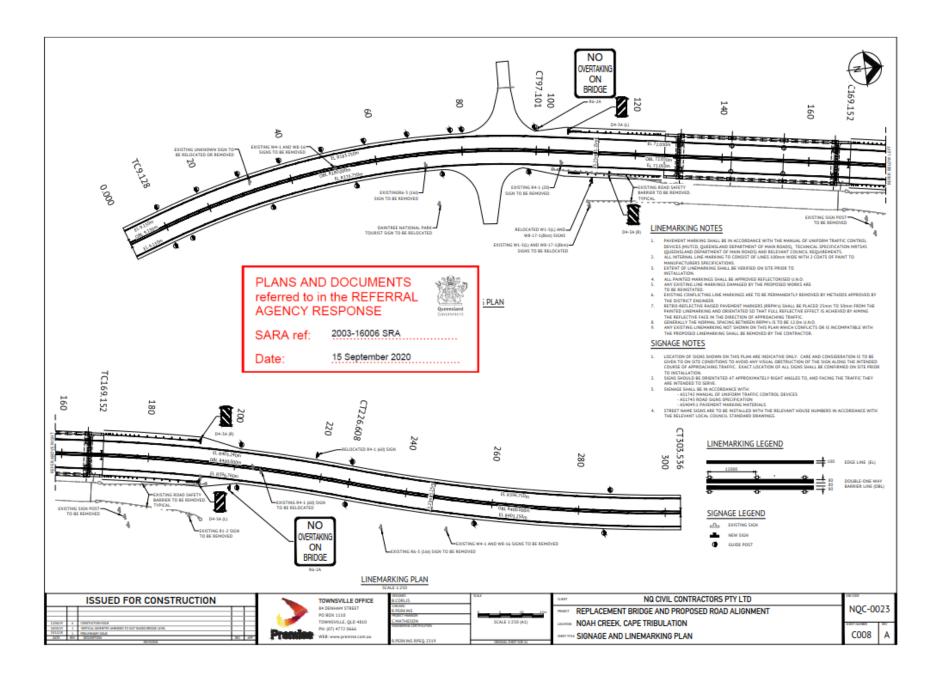


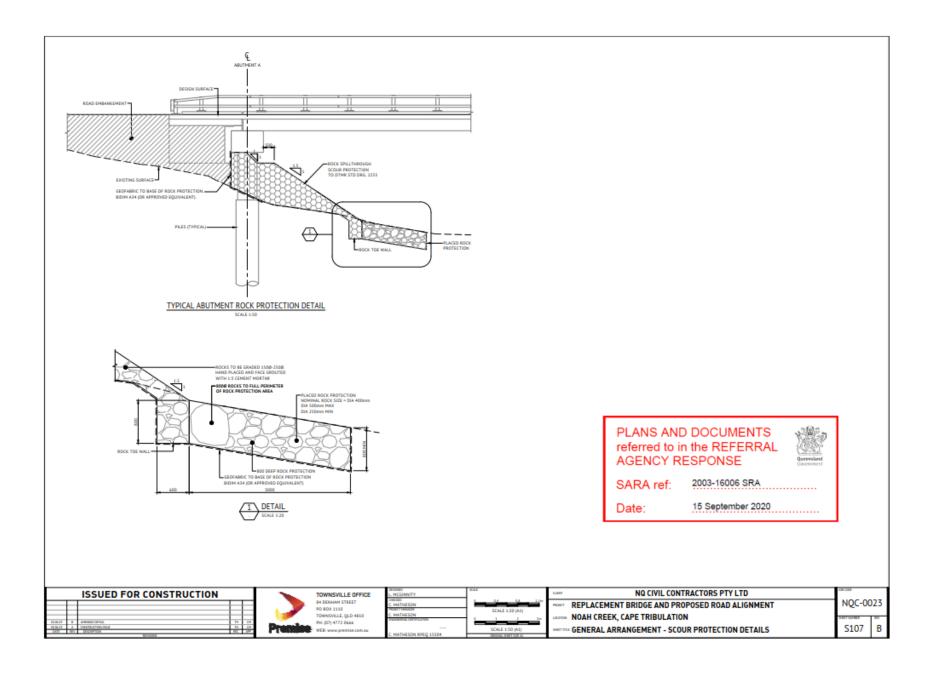












# Extracts from the Planning Act 2016 - Making Representations During Applicant's Appeal Period

Planning Act 2016 Chapter 3 Development assessment

[s 74]

## Division 2 Changing development approvals

## Subdivision 1 Changes during appeal period

#### 74 What this subdivision is about

- This subdivision is about changing a development approval before the applicant's appeal period for the approval ends.
- (2) This subdivision also applies to an approval of a change application, other than a change application for a minor change to a development approval.
- (3) For subsection (2), sections 75 and 76 apply—
  - (a) as if a reference in section 75 to a development approval were a reference to an approval of a change application;
     and
  - (b) as if a reference in the sections to the assessment manager were a reference to the responsible entity; and
  - (c) as if a reference in section 76 to a development application were a reference to a change application;
  - (d) as if the reference in section 76(3)(b) to section 63(2) and (3) were a reference to section 83(4); and
  - (e) with any other necessary changes.

#### 75 Making change representations

- The applicant may make representations (change representations) to the assessment manager, during the applicant's appeal period for the development approval, about changing—
  - (a) a matter in the development approval, other than-
    - a matter stated because of a referral agency's response; or

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Current as at 20 August 2020

- (ii) a development condition imposed under a direction made by the Minister under chapter 3, part 6, division 2; or
- if the development approval is a deemed approval—the standard conditions taken to be included in the deemed approval under section 64(8)(c).
- (2) If the applicant needs more time to make the change representations, the applicant may, during the applicant's appeal period for the approval, suspend the appeal period by a notice given to the assessment manager.
- (3) Only 1 notice may be given.
- (4) If a notice is given, the appeal period is suspended—
  - if the change representations are not made within a period of 20 business days after the notice is given to the assessment manager—until the end of that period; or
  - (b) if the change representations are made within 20 business days after the notice is given to the assessment manager, until—
    - the applicant withdraws the notice, by giving another notice to the assessment manager; or
    - the applicant receives notice that the assessment manager does not agree with the change representations; or
    - (iii) the end of 20 business days after the change representations are made, or a longer period agreed in writing between the applicant and the assessment manager.
- (5) However, if the assessment manager gives the applicant a negotiated decision notice, the appeal period starts again on the day after the negotiated decision notice is given.

#### 76 Deciding change representations

 The assessment manager must assess the change representations against and having regard to the matters that

Current as at 20 August 2020

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- must be considered when assessing a development application, to the extent those matters are relevant.
- (2) The assessment manager must, within 5 business days after deciding the change representations, give a decision notice to—
  - (a) the applicant; and
  - if the assessment manager agrees with any of the change representations—
    - (i) each principal submitter; and
    - (ii) each referral agency; and
    - (iii) if the assessment manager is not a local government and the development is in a local government area—the relevant local government; and
    - (iv) if the assessment manager is a chosen assessment manager—the prescribed assessment manager; and
    - (v) another person prescribed by regulation.
- (3) A decision notice (a negotiated decision notice) that states the assessment manager agrees with a change representation must—
  - (a) state the nature of the change agreed to; and
  - (b) comply with section 63(2) and (3).
- (4) A negotiated decision notice replaces the decision notice for the development application.
- (5) Only 1 negotiated decision notice may be given.
- (6) If a negotiated decision notice is given to an applicant, a local government may give a replacement infrastructure charges notice to the applicant.

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Current as at 20 August 2020

#### Extracts from the Planning Act 2016 – Appeal Rights

Planning Act 2016 Chapter 6 Dispute resolution

[s 229]

- (2) The person is taken to have engaged in the representative's conduct, unless the person proves the person could not have prevented the conduct by exercising reasonable diligence.
- (3) In this section—

conduct means an act or omission.

#### representative means-

- (a) of a corporation—an executive officer, employee or agent of the corporation; or
- (b) of an individual—an employee or agent of the individual.

state of mind, of a person, includes the person's-

- (a) knowledge, intention, opinion, belief or purpose; and
- (b) reasons for the intention, opinion, belief or purpose.

# Chapter 6 Dispute resolution

## Part 1 Appeal rights

#### 229 Appeals to tribunal or P&E Court

- Schedule 1 states—
  - (a) matters that may be appealed to-
    - (i) either a tribunal or the P&E Court; or
    - (ii) only a tribunal; or
    - (iii) only the P&E Court; and
  - (b) the person-
    - (i) who may appeal a matter (the appellant); and
    - (ii) who is a respondent in an appeal of the matter; and

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- (iii) who is a co-respondent in an appeal of the matter; and
- (iv) who may elect to be a co-respondent in an appeal of the matter.
- (2) An appellant may start an appeal within the appeal period.
- (3) The appeal period is—
  - for an appeal by a building advisory agency—10 business days after a decision notice for the decision is given to the agency; or
  - (b) for an appeal against a deemed refusal—at any time after the deemed refusal happens; or
  - (c) for an appeal against a decision of the Minister, under chapter 7, part 4, to register premises or to renew the registration of premises—20 business days after a notice is published under section 269(3)(a) or (4); or
  - (d) for an appeal against an infrastructure charges notice— 20 business days after the infrastructure charges notice is given to the person; or
  - (e) for an appeal about a deemed approval of a development application for which a decision notice has not been given—30 business days after the applicant gives the deemed approval notice to the assessment manager; or
  - (f) for an appeal relating to the Plumbing and Drainage Act 2018—
    - (i) for an appeal against an enforcement notice given because of a belief mentioned in the *Plumbing and Drainage Act 2018*, section 143(2)(a)(i), (b) or (c)—5 business days after the day the notice is given; or
    - (ii) for an appeal against a decision of a local government or an inspector to give an action notice under the *Plumbing and Drainage Act 2018*—5 business days after the notice is given; or

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- (iii) otherwise—20 business days after the day the notice is given; or
- (g) for any other appeal—20 business days after a notice of the decision for the matter, including an enforcement notice, is given to the person.

Note—

See the P&E Court Act for the court's power to extend the appeal period.

- (4) Each respondent and co-respondent for an appeal may be heard in the appeal.
- (5) If an appeal is only about a referral agency's response, the assessment manager may apply to the tribunal or P&E Court to withdraw from the appeal.
- (6) To remove any doubt, it is declared that an appeal against an infrastructure charges notice must not be about—
  - (a) the adopted charge itself; or
  - (b) for a decision about an offset or refund—
    - the establishment cost of trunk infrastructure identified in a LGIP; or
    - the cost of infrastructure decided using the method included in the local government's charges resolution.

#### 230 Notice of appeal

- An appellant starts an appeal by lodging, with the registrar of the tribunal or P&E Court, a notice of appeal that—
  - (a) is in the approved form; and
  - (b) succinctly states the grounds of the appeal.
- The notice of appeal must be accompanied by the required fee.
- (3) The appellant or, for an appeal to a tribunal, the registrar, must, within the service period, give a copy of the notice of appeal to—

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- (a) the respondent for the appeal; and
- (b) each co-respondent for the appeal; and
- (c) for an appeal about a development application under schedule 1, section 1, table 1, item 1—each principal submitter for the application whose submission has not been withdrawn; and
- (d) for an appeal about a change application under schedule 1, section 1, table 1, item 2—each principal submitter for the application whose submission has not been withdrawn; and
- (e) each person who may elect to be a co-respondent for the appeal other than an eligible submitter for a development application or change application the subject of the appeal; and
- (f) for an appeal to the P&E Court—the chief executive;
   and
- (g) for an appeal to a tribunal under another Act—any other person who the registrar considers appropriate.

#### (4) The service period is-

- if a submitter or advice agency started the appeal in the P&E Court—2 business days after the appeal is started; or
- (b) otherwise—10 business days after the appeal is started.
- (5) A notice of appeal given to a person who may elect to be a co-respondent must state the effect of subsection (6).
- (6) A person elects to be a co-respondent to an appeal by filing a notice of election in the approved form—
  - if a copy of the notice of appeal is given to the person within 10 business days after the copy is given to the person; or
  - (b) otherwise—within 15 business days after the notice of appeal is lodged with the registrar of the tribunal or the P&E Court.

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(7) Despite any other Act or rules of court to the contrary, a copy of a notice of appeal may be given to the chief executive by emailing the copy to the chief executive at the email address stated on the department's website for this purpose.

#### 231 Non-appealable decisions and matters

- (1) Subject to this chapter, section 316(2), schedule 1 and the P&E Court Act, unless the Supreme Court decides a decision or other matter under this Act is affected by jurisdictional error, the decision or matter is non-appealable.
- (2) The Judicial Review Act 1991, part 5 applies to the decision or matter to the extent it is affected by jurisdictional error.
- (3) A person who, but for subsection (1) could have made an application under the *Judicial Review Act 1991* in relation to the decision or matter, may apply under part 4 of that Act for a statement of reasons in relation to the decision or matter.
- (4) In this section—

#### decision includes-

- (a) conduct engaged in for the purpose of making a decision; and
- other conduct that relates to the making of a decision;
   and
- (c) the making of a decision or the failure to make a decision; and
- (d) a purported decision; and
- (e) a deemed refusal.

non-appealable, for a decision or matter, means the decision or matter—

- (a) is final and conclusive; and
- (b) may not be challenged, appealed against, reviewed, quashed, set aside or called into question in any other way under the Judicial Review Act 1991 or otherwise,

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- whether by the Supreme Court, another court, any tribunal or another entity; and
- (c) is not subject to any declaratory, injunctive or other order of the Supreme Court, another court, any tribunal or another entity on any ground.

#### 232 Rules of the P&E Court

- A person who is appealing to the P&E Court must comply with the rules of the court that apply to the appeal.
- (2) However, the P&E Court may hear and decide an appeal even if the person has not complied with rules of the P&E Court.

## Part 2 Development tribunal

#### Division 1 General

#### 233 Appointment of referees

- The Minister, or chief executive, (the appointer) may appoint
  a person to be a referee, by an appointment notice, if the
  appointer considers the person—
  - (a) has the qualifications or experience prescribed by regulation; and
  - (b) has demonstrated an ability—
    - to negotiate and mediate outcomes between parties to a proceeding; and
    - (ii) to apply the principles of natural justice; and
    - (iii) to analyse complex technical issues; and
    - (iv) to communicate effectively, including, for example, to write informed succinct and well-organised decisions, reports, submissions or other documents.

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