



# **AGENDA**

## **ROADS COMMITTEE MEETING**

### **WEDNESDAY, 24 MARCH 2021**

Notice is given that the next Roads Committee Meeting of the Roper Gulf Regional Council will be held on:

Wednesday, 24 March 2021 at 8:30AM  
The Roper Room, Roper Gulf Regional Council Support Centre,  
2 Crawford Street, Katherine, NT

Your attendance at the meeting will be appreciated.

Marc GARDNER  
**ACTING CHIEF EXECUTIVE OFFICER**

## PLEDGE

“We pledge to work as one towards a better future through effective use of all resources.

We have identified these key values and principles of Honesty, Equality, Accountability, Respect and Trust as being integral in the achievement of our vision, that the Roper Gulf Regional Council is Sustainable, Viable and Vibrant.”

## PRAMIS BLA WI

“Mela pramis bla wek gudbalawei bla meigim futja bla wi wanwei, en bla yusim ola gudwan ting bla helpum wi luk lida.

Mela bin luk ol dijlod rul, ebrobodi gada tok trubalawei, wi gada meik so wi gibit firgo en lisiin misalp, abum rispek en trastim misalp bla jinggabat bla luk lida, Roper Galf Rijinul Kaunsul deya maindim en kipbum bla wi pramis, dum wek brabli gudbalawei, en im laibliwan.”

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	Nil.	
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	Nil.	
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## **17 CLOSED SESSION**

### 17.1 Confidential Session Roads Committee Meeting - 24 November 2020

*The report will conducted in accordance with the Local Government Act 2008 s 65(2) and Local Government (Administration) Regulations 2008 reg 8(e).*

### 17.2 Urapunga - Consultancy and designs to upgrade road to local store

*The report will conducted in accordance with the Local Government Act 2008 s 65(2) and Local Government (Administration) Regulations 2008 reg 8(c)(i) (c)(ii) (c)(iii) (d) (e).*

### 17.3 Beswick - Cameron and Madigan roads intersection upgrade update

*The report will conducted in accordance with the Local Government Act 2008 s 65(2) and Local Government (Administration) Regulations 2008 reg 8(c)(i).*

## **RESUMPTION OF MEETING**

## **18 CLOSE OF MEETING**

**CONFIRMATION OF PREVIOUS MINUTES**

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<b>ITEM NUMBER</b>	6.1
<b>TITLE</b>	Confirmation of Roads Committee Meeting Previous Minutes - 24 November 2020
<b>REFERENCE</b>	1063883
<b>AUTHOR</b>	Chloe IRLAM, Governance Engagement Coordinator

**RECOMMENDATION**

**That the Roads Committee confirms the minutes from the meeting held on 24 November 2020 and affirms them to be a true and accurate record of that meetings decisions and proceedings.**

**BACKGROUND**

The Roads Committee met in Katherine on Wednesday, 24 November 2020 at 8:30am, attached are the recorded minutes from that meeting for the committee to review.

The next scheduled Roads Committee Meeting is on 26 May 2021 at 8:30am.



**ISSUES/OPTIONS/SWOT**

Nil.

**FINANCIAL CONSIDERATIONS**

Nil.

**ATTACHMENTS**

1   Roads Committee 2020-11-24 [1683] Minutes.DOCX



MINUTES OF THE ROPER GULF REGIONAL COUNCIL, ROADS COMMITTEE  
MEETING HELD AT THE ROPER ROOM, ROPER GULF REGIONAL COUNCIL  
2 CRAWFORD STREET, KATHERINE, NT  
ON TUESDAY, 24 NOVEMBER 2020 AT 8.30AM

## 1 PRESENT MEMBERS/STAFF/GUESTS

### 1.1 Members

- Mayor Judy MacFARLANE;
- Deputy Mayor Helen LEE;
- Councillor Donald GARNER; and
- Councillor Edwin NUNGGUMAJBARR (via teleconference).

### 1.2 Staff

- Marc GARDNER, Chief Executive Officer (Acting);
- Naomi HUNTER, Executive Manager; and
- Chloe IRLAM, Governance Officer.

## 2 MEETING OPENED

The Audit Committee Meeting opened at 8:46am.

## 3 WELCOME TO COUNTRY

## 4 APOLOGIES AND LEAVE OF ABSENCE

### 4.1 APOLOGIES AND LEAVE OF ABSENCE

69/2020 RESOLVED (Donald GARNER/Helen LEE)

CARRIED

The Roads Committee Meeting accepted the apologies for Councillor Owen TURNER and Councillor Annabelle DAYLIGHT.

## 5 QUESTIONS FROM THE PUBLIC

Nil.

## 6 CONFIRMATION OF PREVIOUS MINUTES

### 6.1 ROADS COMMITTEE MEETING - 27 MAY 2020

70/2020 RESOLVED (Edwin NUNGGUMAJBARR/Donald GARNER)

CARRIED

The Roads Committee confirmed the minutes from the meeting held on 25 August 2020 and affirmed them to be a true and accurate record of that meetings decisions

and proceedings.

## 7 BUSINESS ARISING FROM PREVIOUS MINUTES

### 7.1 ACTION LIST

71/2020 RESOLVED (Helen LEE/Edwin NUNGGUMAJBARR)

CARRIED

The Roads Committee:

- (a) Received and noted the Action List; and
- (b) Approved the removal of completed items.

### 7.2 MATARANKA CEMETERY CAR PARK PROJECT

72/2020 RESOLVED (Donald GARNER/Helen LEE)

CARRIED

The Roads Committee received and noted the update on the construction of the Mataranka Cemetery car park.

## 8 CALL FOR ITEMS OF GENERAL BUSINESS

- Reseal of Robinson Road in Borroloola

## 9 DISCLOSURES OF INTEREST

There were no declarations of interest at this Audit Committee Meeting.

## 10 INCOMING CORRESPONDENCE

Nil.

## 11 OUTGOING CORRESPONDENCE

Nil.

## 12 GENERAL BUSINESS

### 12.1 EVA VALLEY ACCESS ROAD GRAVEL RE-SHEET WORKS UPDATE

73/2020 RESOLVED (Helen LEE/Donald GARNER)

CARRIED

The Roads Committee received and noted the update on the Manyallaluk Access Road upgrade works.

### 12.2 BARUNGA - BAGALA ROAD CUL-DE-SAC PROJECT UPDATE

74/2020 RESOLVED (Donald GARNER/Edwin NUNGGUMAJBARR)

CARRIED

The Roads Committee received and noted the status of Bagala Road cul-de-sac project.

### 12.3 BARUNGA - LOCAL ROADS SHOULDER REPAIRS

75/2020 RESOLVED (Helen LEE/Donald GARNER)

CARRIED

The Roads Committee received and noted the update on edge repairs on bitumen roads in Barunga.

**13 EXECUTIVE REPORTS****14 COMMUNITY SERVICES AND ENGAGEMENT DIVISIONAL REPORT****15 CORPORATE SERVICES AND SUSTAINABILITY DIVISIONAL REPORT****16 INFRASTRUCTURE SERVICES AND PLANNING DIVISIONAL REPORT****16.1 ROADS PROJECTS UPDATE**

76/2020 RESOLVED (Edwin NUNGGUMAJBARR/Donald GARNER) CARRIED

The Roads Committee received and noted the Roads Projects update.

**17 ITEMS FOR OTHER BUSINESS****17.1 RESEAL OF ROBINSON ROAD IN BORROLOOLA**

77/2020 RESOLVED (Helen LEE/Donald GARNER) CARRIED

**The Roads Committee Meeting received and noted the reseal Robinson Road Update.**

*ACTION: Acting CEO will inspect site on 25 November 2020 and will discuss at Borroloola LA on 3 December 2020 and will prepare a report for Council at the December Ordinary Meeting of Council.*

**18 CLOSED SESSION****DECISION TO MOVE TO CLOSED SESSION**

78/2020 RESOLVED (Donald GARNER/Edwin NUNGGUMAJBARR) CARRIED

Members of the press and public be excluded from the meeting of the Closed Session and access to the correspondence and reports relating to the items considered during the course of the Closed Session be withheld. This action is taken in accordance with Section 65(2) of the Local Government Act, 2008 as the items lists come within the following provisions:-

**18.1 Beswick - Cameron and Madigan roads intersection upgrade** - *The report will be conducted in accordance with the Local Government Act 2008 s 65(2) and Local Government (Administration) Regulations 2008 reg 8(c)(i) (e).*

**RESUMPTION OF MEETING**

79/2020 RESOLVED (Donald GARNER/Edwin NUNGGUMAJBARR) CARRIED

The Roads Community Meeting moved to return to the open session of the Roads Community Meeting and declared the resolutions made in the confidential session not be available to the public in accordance with the *Local Government Act 2008*, section 201.



**17 CLOSE OF MEETING**

The meeting terminated at 9:33am.

This page and the preceding pages are the minutes of the Roads Committee Meeting of Council held on Tuesday, 24 November 2020 and will be confirmed at the next meeting.

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Mayor Judy MacFARLANE  
Confirmed on 24 March 2021

**BUSINESS ARISING FROM PREVIOUS MINUTES**

<b>ITEM NUMBER</b>	7.1
<b>TITLE</b>	Action List
<b>REFERENCE</b>	1063882
<b>AUTHOR</b>	Chloe IRLAM, Governance Engagement Coordinator

**RECOMMENDATION**

That the Roads Committee:

- (a) Receives and notes the Action List; and
- (b) Approves the removal of completed items.

**BACKGROUND**

The Action List is a summary of tasks that has requested at previous Roads Committee meetings to be undertaken by Council staff. The table also identifies the Staff member assigned to the task by the Chief Executive Officer and the current status.

DATE	MEETING	ITEM	DESCRIPTION	COMMENT	STATUS	UPDATE	RESPONSIBLE DIVISION
27-05-2020	RCM	11.3	Manyallaluk – Internal roads and drainage upgrades in the community	Roads Committee referred to Council to consider allocating of \$430,000 for roads and drainage upgrade works.	Completed	Council approved Roads Committee recommendation and allocated \$430,000 towards the works. Works were advertised on Tenderlink for 4 weeks before closing on 22 February 2021.	IS&P
25-08-20	RCM	12.2	Cameron and Madigan Roads Intersection Upgrade	(Recommended that Council allocate up to \$40,000 for an AAPA certificate.	Completed	Council approved Roads Committee recommendation and allocated \$40,000 towards AAPA certificate. Certificate has been obtained.	IS&P
25-08-20	RCM	16.2	Ngukurr Scope of work	CEO to undertake a scope of work for drainage along the Shop Road in Ngukurr.	Completed	Site visit and investigation was carried out in December 2020 to address the drainage issues. Regarding drainage issues is yet to be carried out. A report will be submitted to Roads Committee.	OCEO

Roper Gulf Regional Council Divisions:  
CS&S – Corporate Services and Sustainability  
CS&E – Community Services and Engagement  
IS&P – Infrastructure Services and Planning  
CEO – Office of the Chief Executive Officer

**ATTACHMENTS**

**GENERAL BUSINESS**

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<b>ITEM NUMBER</b>	12.1
<b>TITLE</b>	Barunga - Bagala Road Cul-de-sac project
<b>REFERENCE</b>	1064397
<b>AUTHOR</b>	Vikrant JAGARLAMUDI, Roads Coordinator

**RECOMMENDATION**

**That The Roads Committee:**

- (a) Receives and notes the update on Bagala road upgrades near the lots 208,209 and 210 at the bottom camp;**
- (b) Review the construction cost estimates and recommend Council to allocate the budget from Roads Future Fund; and**
- (c) Recommends Council to delegate the authority to Acting Chief Executive Officer to award the tenders.**

**BACKGROUND**

Council has engaged GHD consultants to undertake engineering survey and design the cul-de-sac at the end of Bagala Road in the bottom camp at Barunga. The purpose of this project is to provide formal access to Bagala Road for lots 208,209 and 210.

GHD has submitted final designs and documentation required for tendering purposes. Based on the final drawings and schedule of quantities, it is estimated that construction works would cost an approximate amount of \$300,000.

As the works are estimated to be over \$100,000 value, Council is required under *Local Government Act 2008* to procure these works through public tenders. The project is tender ready and requires Council approval to be advertised online via Tenderlink for a period of four weeks.

**ISSUES/OPTIONS/SWOT**

A report was submitted at the Ordinary Meeting of Council on 24 February 2021 to review the plans and cost estimates. The review of the designs indicated that the designs do not include sealing of driveways to the properties and it was assumed that Northern Territory Housing (NTH) is responsible for providing driveways connecting properties to Bagala road. Council deferred this matter to next Ordinary Meeting of Council and advised Acting Chief Executive Officer to write a letter to NTH addressing the issues.

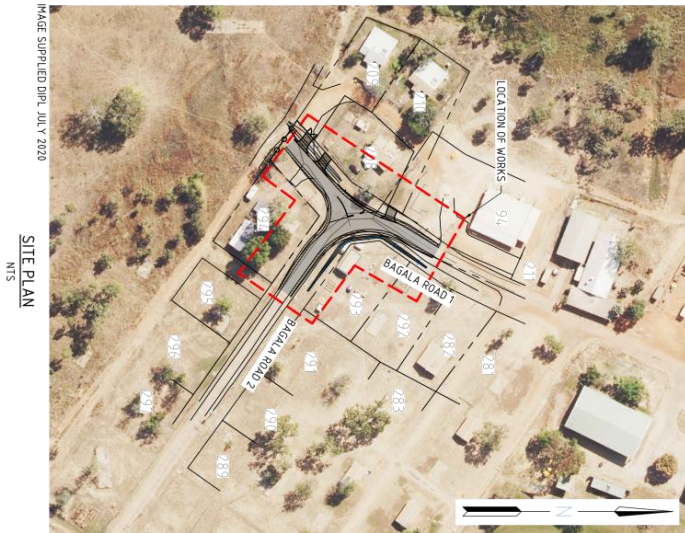
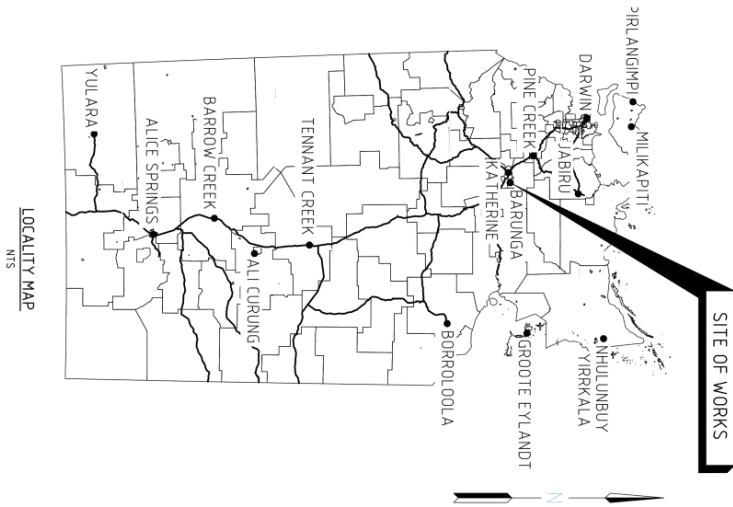
**FINANCIAL CONSIDERATIONS**

It is recommended that Roads Committee review the construction cost estimates and recommend Council to allocate the required funds in its budget.

**ATTACHMENTS**

1   Bagala Road Upgrade - IFC Drawings.pdf

# ROPER GULF REGIONAL COUNCIL BAGALA ROAD UPGRADE



### SCHEDULE OF DRAWINGS

DRAWING NO.	TITLE
12527653-001	GENERAL COVER PAGE, LOCALITY PLAN, SITE PLAN AND SCHEDULE OF DRAWINGS
12527653-002	GENERAL NOTES
12527653-001	CIVIL GENERAL ARRANGEMENT PLAN
12527653-002	TYPICAL SECTIONS
12527653-003	MISCELLANEOUS DETAILS
12527653-005	PLAN AND LONGITUDINAL SECTION AND SETOUT TABLE - BAGALA ROAD 1
12527653-006	PLAN AND LONGITUDINAL SECTION AND SETOUT TABLE - BAGALA ROAD 2
12527653-008	BAGALA ROAD - 1 GROSS SECTIONS - SHEET 1 OF 1
12527653-010	BAGALA ROAD - 2 GROSS SECTIONS - SHEET 1 OF 2
12527653-011	BAGALA ROAD - 2 GROSS SECTIONS - SHEET 2 OF 2

### NTG STANDARD DRAWING LIST

DRAWING NO.	DRAWING TITLE
CS3400	LINE MARKING

### BASIS OF DESIGN

- GEOMETRY
- AUSTROADS - GUIDE TO ROAD DESIGN (PART 3 AND PART 4)
- AUSTROADS - GUIDE TO ROAD DESIGN (PART 5)
- AUSTROADS - A GUIDE TO THE STRUCTURAL DESIGN OF ROAD PAVEMENTS
- NTG STANDARD SPECIFICATION FOR ROADWORKS V 4.2 - 21 JULY 2020

SITE PLAN  
NTS

IMAGE SUPPLIED DPL JULY 2020

LOCALITY MAP  
NTS

PLOTTED ON: 28/Jan/2021 2:39 PM  
 USER: MARLON BUMOTAD  
 FILE LOCATION: C:\12d\SW\data\P-00-12D-001\43-12527653 - Bagala Road Upgrade\_1019\CADD\Drawings\12527653-G001.dwg

No.	ISSUED FOR CONSTRUCTION	DESCRIPTION	AMENDMENTS	DATE	NRB	DEF/COMPANY
0				29/01/21		GHD

**GHD**  
 GHD Pty Ltd  
 Level 17, 201 Elizabeth Street, Sydney, NSW 2000 Australia  
 P.O. Box 301, Elizabeth Street, Sydney, NSW 2000  
 E: australia@ghd.com W: www.ghd.com

DRAWN	CHECKED
M. BUMOTAD DATE: JAN 2021	J. NOVYAN DATE: JAN 2021
R. HASANI DATE: JAN 2021	S. MANTHRE DATE: JAN 2021
R. HASANI DATE: JAN 2021	V. JAGARLAMUDI DATE: JAN 2021

**Roper Gulf**  
 REGIONAL COUNCIL  
 SUSTAINABLE • VIABLE • VIBRANT

PROJECT	SHEET NO.	TOTAL SHEETS	AMENDMENT
KATHERINE REGION BAGALA ROAD UPGRADE COVER PAGE, LOCALITY PLAN, SITE PLAN AND SCHEDULE OF DRAWINGS	1 OF 10	12527653-G001	0 A1

PLOTTED ON: 28/Jan/2021 2:39 PM  
 USER: MARLON BUMOTAD  
 FILE LOCATION: C:\12d\SW\data\F-00-12D-00143-12527653 - Bagala Road Upgrade\_1019\CADD\Drawings\12527653-G002.dwg

### GENERAL NOTES:

- REFER TO THE CONTRACT SPECIFICATION OR SPECIFICATION IS REFERENCED IN THE NOTES, IT SHALL BE TAKEN TO PRECEDENCE OVER THIS SPECIFICATION.
- DRAWINGS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION AND ALL OTHER CONTRACT DOCUMENTATION.
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED AND SHALL BE VERIFIED ON SITE.
- ALL LEVELS ARE IN METRES (AHD) AND SHALL BE VERIFIED ON SITE.
- ALL MATERIALS AND WORKMANSHIP SHALL BE REPORTED TO THE SUPERINTENDENT BEFORE WORK PROCEEDS.
- ALL MATERIALS AND WORKMANSHIP SHALL BE REPORTED TO THE SUPERINTENDENT BEFORE WORK PROCEEDS.
- AUSTRALIAN STANDARDS, PROJECT SPECIFICATION AND CURRENT PRACTICE SHALL TAKE PRECEDENCE.
- STRUCTURE SPILL AS DIRECTED BY THE SUPERINTENDENT AND REMOVE FROM SITE EXCESS MATERIAL NOT USED.
- GRADE FINISHED SURFACES EVENLY BETWEEN DESIGN SURFACE LEVELS.
- DEMOLISH AND REMOVE ALL EXISTING INSTALLATIONS WHICH ARE TO BE AFFECTED BY NEW WORKS. EXTENT OF DEMOLITION TO BE CONFIRMED ON SITE WITH THE SUPERINTENDENT PRIOR TO COMMENCEMENT OF WORKS.
- TRUCKS AND TRAILERS TO BE CLEANED CENTRALLY FROM TO WORK.
- TO SUPERINTENDENT AND BARRIERS SHALL BE PRESERVED DURING TO SURVEY MARKS SHALL BE REPORTED TO SUPERINTENDENT.
- AS CONSTRUCTED DETAILS SHALL BE RECORDED BY A REGISTERED SURVEYOR OR APPROVED ENGINEERING SURVEYOR AT THE CONTRACTORS COST AND SUBMITTED TO THE SUPERINTENDENT PRIOR TO PRACTICAL COMPLETION.

### EXISTING SERVICES:

- THESE DRAWINGS CONTAIN A SCHEMATIC REPRESENTATION OF SERVICES INFORMATION BASED ON DRAWINGS ISSUED BY THE RELEVANT AUTHORITIES. THE INFORMATION CONTAINED IN THESE DRAWINGS IS INDICATIVE ONLY, AND REFERENCE SHOULD BE MADE TO THE RELEVANT AUTHORITIES DOCUMENTATION TO CONFIRM ACCURACY AND COMPLETENESS. WHERE INFORMATION IS AVAILABLE, THE SUBSURFACE SERVICES INSTALLED BY CONTRACTORS OTHER THAN THE AUTHORITIES HAVE BEEN SHOWN, BUT ADDITIONAL UNDOCUMENTED SERVICES MAY BE PRESENT. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. ESTABLISH THE EXACT LOCATION OF THE SERVICES.
- OTHER SERVICES AND APPURTENANCES MAY EXIST ON THE SITE.
- BEFORE COMMENCEMENT OF DEMOLITION, EARTHWORKS AND CONSTRUCTION CONTRACTOR SHALL:
  - CONSULT WITH SERVICES AUTHORITIES AND OBTAIN INFORMATION REGARDING EXISTING UNDERGROUND SERVICES IN THE WORK AREAS.
  - IDENTIFY, LOCATE AND DOCUMENT AS NECESSARY ALL EXISTING UNDERGROUND SERVICES IN VICINITY OF ALL EXISTING SERVICES TO BE DEMOLISHED OR DISCONTINUED.
  - CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING SERVICES THAT ARE TO REMAIN THROUGHOUT THE COURSE OF THE CONTRACT.
  - CONTRACTOR SHALL ALLOW FOR FINISH OF EXISTING STORMWATER DRAINS AND APPROPRIATE POINTS OF CONNECTION, BREAKING IN, CONNECTING AND MAKING GOOD.
  - MAINTAIN EXISTING STORMWATER DRAINAGE SERVICES THAT ARE TO REMAIN.
  - CONTRACTOR SHALL ADJUST LISTS OF EXISTING SERVICES PRIOR TO MATCH FINISHED SURFACE LEVEL, PROVIDE PROTECTIVE COVERINGS TO PROTECT EXISTING SERVICES TO THE REQUIREMENTS OF THE RELEVANT AUTHORITY, IF APPLICABLE. RELUCTANT SERVICE AS REQUIRED.

### SETOUT:

- CONTRACTOR SHALL VERIFY ALL SET OUT COORDINATES, DIMENSIONS AND LEVELS ON SITE BEFORE COMMENCEMENT OF WORKS.
- BOUNDARIES ARE NOT CADASTRAL PLANS AND MUST NOT BE USED FOR DETERMINING LOCATION OF PROPERTY.
- CAD FILES MAY BE PROVIDED ON REQUEST FOR INFORMATION ONLY.

### SITE PREPARATION:

- PRIOR TO PLACEMENT OF ANY NEW FILLING, EXISTING MATERIALS OR CONSTRUCTION OF SLABS OR FOUNDATIONS, CONTRACTOR SHALL REMOVE ALL EXISTING MATERIALS AND GRUB OUT ANY REMAINING ROOTS FOR THE FULL EXTENT OF WORKS. THIS MATERIAL IS NOT CONSIDERED SUITABLE FOR SELECT FILL BUT CAN BE STOCKPILED FOR LATER USE AS NON-STRUCTURAL FILL.
- TYPE THE EXISTING MATERIAL TO A DEPTH OF 200mm AND ADJUST THE MOISTURE CONTENT TO OPTIMUM.
- MOISTURE CONTENT (OMC) BY WETTING OR DRIVING BACK AS REQUIRED.
- IN FILL AREAS:
  - COMPLETE FINAL TEST ROLLING, USING S TO A MINIMUM OF 92% WMO.
  - COMPLETE FINAL TEST ROLLING, USING A 30 - 40 TONNE HULLY TYRED WHEELS, UNDER THE SUPERVISION OF THE SUPERINTENDENT.
  - SOFT AREAS IDENTIFIED DURING THE FINAL TEST ROLLING SHALL BE REMOVED AND REPLACED WITH SELECT FILL, PLACED IN LIFTS NOT EXCEEDING 150mm COMPACTED THICKNESS WITH EACH LIFT COMPACTED TO 92% WMO.
  - IN CUT AREAS (THE SUBGRADE LEVEL):
    - COMPLETE FINAL TEST ROLLING, USING A 30 - 40 TONNE HULLY TYRED WHEELS, UNDER THE SUPERVISION OF THE SUPERINTENDENT.
    - SOFT AREAS IDENTIFIED DURING THE FINAL TEST ROLLING SHALL BE REMOVED AND REPLACED WITH SELECT FILL, PLACED IN LIFTS NOT EXCEEDING 150mm COMPACTED THICKNESS WITH EACH LIFT COMPACTED TO 92% WMO.
    - WATER SEEPAGE MAY BE ENCOUNTERED AND THE CONTRACTOR SHOULD MAKE PROVISIONS FOR WATER INFILTRATION DURING CONSTRUCTION.

### EARTHWORKS NOTES:

- REFER TO THE NIG SPECIFICATION FOR EARTHWORKS FILL MATERIAL PROPERTIES, PLACEMENT AND TESTING REQUIREMENTS.
- FILL MATERIAL TO MEET SELECT FILL PROPERTIES, PLACEMENT AND TESTING REQUIREMENTS AS PER THE NIG SPECIFICATION.
- COMPACT THE SELECT FILL MATERIAL AND COMPLETE FINAL TEST ROLLING AS PER THE NIG SPECIFICATION UNDER THE SUPERVISION OF THE SUPERINTENDENT.
- PLACE OF MAT IN THE DISTURBED AREA AS PER THE SUPERINTENDENT'S DIRECTION.

### PAVEMENT CONSTRUCTION:

- REFER TO THE NIG SPECIFICATION FOR PAVEMENT MATERIAL PROPERTIES, PLACEMENT AND TESTING REQUIREMENTS.
- BEST COURSE MATERIAL TO MEET TYPE 2 / 3 GRAVEL MATERIAL PROPERTIES, PLACEMENT AND TESTING REQUIREMENTS AS PER THE NIG SPECIFICATION.
- BINDER SPREAD RATE AND AGRICULTURAL SPRAY SHOULD BE AS PER THE PROJECT SPECIFICATION.

### TABLE DRAIN AND OFFLETS / OPEN DRAINS:

- COMPACT THE SUBGRADE 150mm TO 92% WMO.
- PLACE JUT MAT AS PER MANUFACTURERS RECOMMENDATION. OPEN DRAINS TO FALL AT A MINIMUM OF 0.5% AND CONTINUE UNTIL DAYLIGHTING. THE EXACT DIRECTION AND LENGTH IS TO BE DETERMINED WITH THE SUPERINTENDENT ON SITE.

### TRAFFIC MANAGEMENT:

- REFER CONTRACT SPECIFICATION FOR TRAFFIC CONTROL (SIGNAGE, LINE MARKING) PROPERTIES, SIZES, PLACEMENT AND TESTING REQUIREMENTS.
- TRAFFIC CONTROL DEVICES TO BE INSTALLED AS PER AS 1921.1 - 15 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- UNLESS SPECIFIED OTHERWISE, TRAFFIC SIGNS TO BE SIZE A.

### SAFETY IN DESIGN NOTES:

- IF NOT INCLUDED AS PART OF THE DRAWING SET OR CONTRACT DOCUMENTATION THE CONTRACTOR IS TO REQUEST THE SAFETY IN DESIGN (SID) DOCUMENT FROM THE SUPERINTENDENT FOR REVIEW PRIOR TO WORKS COMMENCING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF ALL WORKERS AND THE PUBLIC AT ALL TIMES.
- HIGH RISK OR NON-STANDARD RISKS IDENTIFIED:
  - NOT IDENTIFIED BY GHD  RISK MITIGATION CONTROLS
  - IDENTIFIED  RISK MITIGATION CONTROLS

### EROSION AND SEDIMENT CONTROL:

- NO EARTHWORKS SHALL COMMENCE ON THE SITE PRIOR TO INSTALLING APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES.
- THE CONTRACTOR IS TO TAKE ALL NECESSARY PRECAUTIONS TO CONTROL EROSION AND DOWNSTREAM SEDIMENTATION DURING ALL STAGES OF CONSTRUCTION.
- THE IMPACT ON THE ENVIRONMENT SHALL BE MINIMISED BY GROUND COVERING INSTALLATION FOR SLOPE STABILISATION SHALL BE CARRIED OUT ACCORDING TO SUPERINTENDENT'S INSTRUCTION. IDEALLY AFTER THE COMPLETION OF EACH STAGE OF CONSTRUCTION.
- ALL PARTIALLY CONSTRUCTED DRAINAGE STRUCTURES MUST BE PROTECTED AGAINST SEDIMENT INFILTRATION DURING CONSTRUCTION.
- ALL COMPLETE DRAINAGE STRUCTURES TO BE PROTECTED AGAINST SEDIMENT INFILTRATION UNTIL JUT MAT IS ESTABLISHED.
- ALL SEDIMENT CONTROL DEVICES SHALL BE MONITORED, CLEANED AND/OR REPAIRED AFTER EACH RAINFALL EVENT. RESULTS TO BE REPORTED TO THE SUPERINTENDENT.
- THE CONTRACTOR SHALL MONITOR THE PREVAILING WEATHER CONDITIONS AND PROTECT ANY AREAS DOWNSTREAM.


### GEOTECH INFORMATION:

#### DOCUMENTS DETAILS

PROJECT	IN (2020)1475	DRAWN	DATE: JAN 2021	CHECKED	DATE: JAN 2021
DOCUMENT TITLE	GEOTECHNICAL INVESTIGATION REPORT FOR A PROPOSED ROAD UPGRADERS IN BARUNGGA COMMUNITY, NORTH RIVER TERRITORY	M. BUMOTAD		J. NOVYAY	
REPORT PREPARED FOR	GHD	R. HASANI		S. MANTHRE	
FILENAME	IN (2020)1475 BARUNGGA PAVEMENT INVESTIGATION REV.0	R. HASANI		V. JAGRANAUADI	

**WARNING**

BEFORE OPERATING OR USING SERVICES, THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.



### SURVEY INFORMATION:

HORIZONTAL DATUM: MAGNAN, ZONE 53  
 VERTICAL DATUM: AUSTRALIAN HEIGHT DATUM  
 CONTOUR INTERVAL: 0.1m

SURVEY PROVIDED BY:  
 PROJECT NO: 12527653-0001  
 FILE: 12527653-solutions.com.au  
 PLOT: 12527653-solutions.com.au  
 URL: www.12527653-solutions.com.au

STATION	EASTING	NORTHING	RL	DESCRIPTION
50750014.7	269763.778	8392961.367	790.348	CHM
50750000.6	269888.126	8393202.781	791.856	CHM
01	269762.635	8392947.228	790.559	SPKE
02	269762.110	8392972.273	790.712	SPKE

NO	ISSUED FOR CONSTRUCTION	DESCRIPTION	AMENDMENTS	DATE	BY	DATE	BY
0	ISSUED FOR CONSTRUCTION			29/01/21	MAB	GHD	

NO	ISSUED FOR CONSTRUCTION	DESCRIPTION	AMENDMENTS	DATE	BY	DATE	BY
0	ISSUED FOR CONSTRUCTION			29/01/21	MAB	GHD	

**REVISIONS:**

NO	ISSUED FOR CONSTRUCTION	DESCRIPTION	AMENDMENTS	DATE	BY	DATE	BY
0	ISSUED FOR CONSTRUCTION			29/01/21	MAB	GHD	

**PROJECT INFORMATION:**

PROJECT: BAGALA ROAD UPGRADE

REGIONAL PROJECT LEADER: R. HASANI

REGIONAL PROJECT MANAGER: V. JAGRANAUADI

**GENERAL NOTES:**

REGIONAL PROJECT NO: 12527653-G002

SHEET NO: 2 OF 10

WTO DRAWING NO: 12527653-G002

AMENDMENT: 0

SHEET: A1

**REGIONAL PROJECT INFORMATION:**

REGIONAL PROJECT NO: 12527653-G002

SHEET NO: 2 OF 10

WTO DRAWING NO: 12527653-G002

AMENDMENT: 0

SHEET: A1







PLOTTED ON: 28/Jan/2021 2:44 PM  
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 FILE LOCATION: C:\12d\SWdata\P-00-12D-00143-12527653 - Bagala Road Upgrade\_1019\CADD\Drawings\12527653-C003.dwg

No.	ISSUED FOR CONSTRUCTION	DESCRIPTION	AMENDMENTS
0	ISSUED FOR CONSTRUCTION	DESCRIPTION	AMENDMENTS

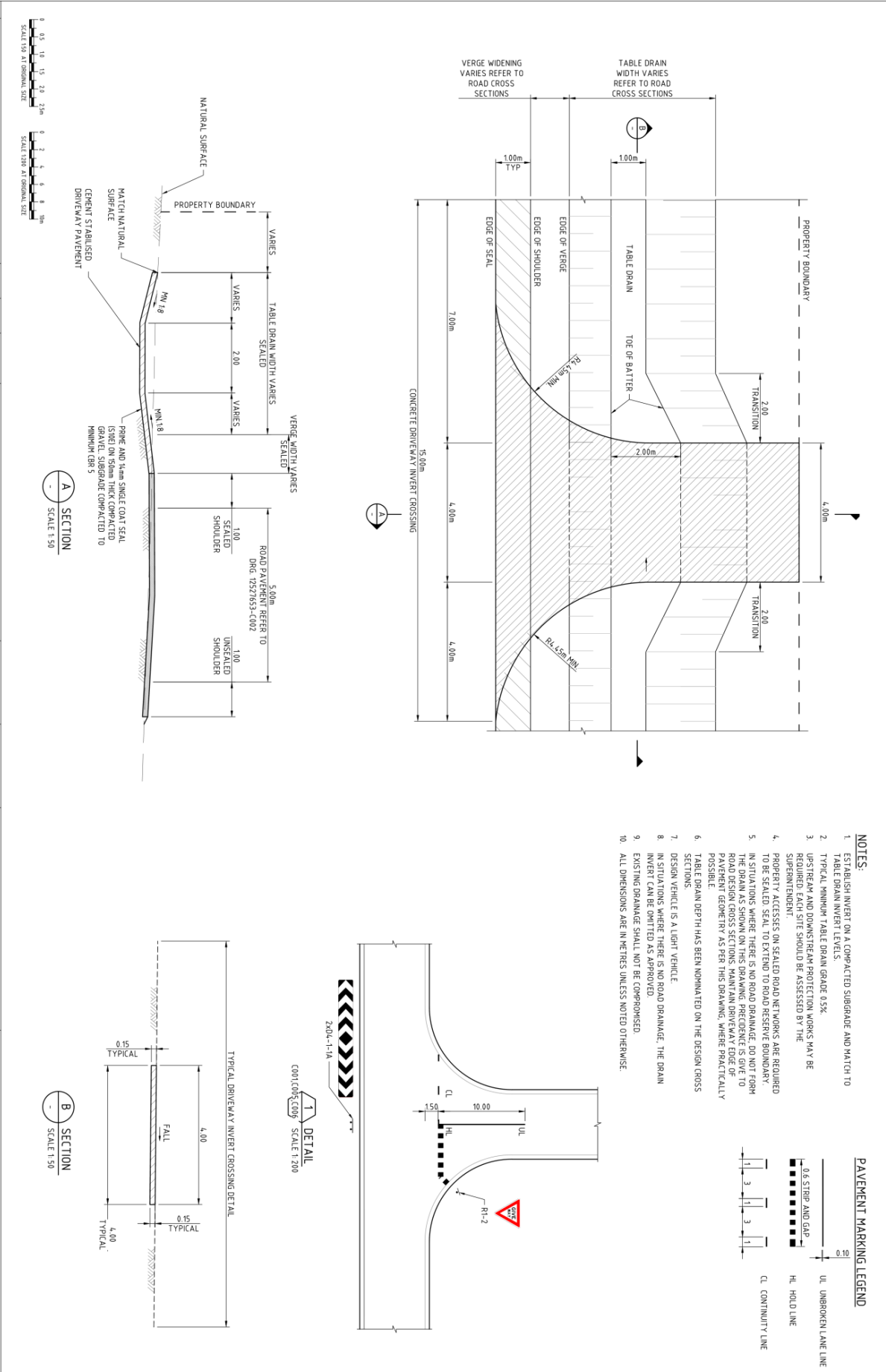
DATE	BY	DATE	BY
29/01/21	NRB	29/01/21	GHD

DATE	BY	DATE	BY
29/01/21	NRB	29/01/21	GHD

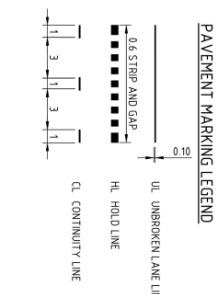
Geotechnical Engineering  
 100 St Johns Road, Suite 101, St Johns, NSW 1585  
 P.O. Box 301, St Johns NSW 1585  
 E: marlon.bumotad@ghd.com.au  
 F: 61 61 552 2222

DATE	BY	DATE	BY
29/01/21	NRB	29/01/21	GHD

DATE	BY	DATE	BY
29/01/21	NRB	29/01/21	GHD



- NOTES:**
1. ESTABLISH INVERT ON A COMPACTED SUBGRADE AND MATCH TO TABLE DRAIN INVERT LEVELS.
  2. TYPICAL MINIMUM TABLE DRAIN GRADE 0.5%.
  3. UPSTREAM AND DOWNSTREAM PROTECTION WORKS MAY BE REQUIRED. EACH SITE SHOULD BE ASSESSED BY THE SUPERINTENDENT.
  4. PROPERTY ACCESSES ON SEALED ROAD NETWORKS ARE REQUIRED TO BE SEALED. SEAL TO EXTEND TO ROAD RESERVE BOUNDARY.
  5. IN SITUATIONS WHERE THERE IS NO ROAD DRAINAGE, DO NOT FORM THE DRAIN AS SHOWN ON THIS DRAWING. PRECEDENCE IS GIVEN TO DESIGN CROSS SECTIONS. THE DRAINING CAN BE DONE AT THE PROPERTY DEPTH AS PER THIS DRAWING, WHERE PRACTICALLY POSSIBLE.
  6. TABLE DRAIN DEPTH HAS BEEN NOMINATED ON THE DESIGN CROSS SECTIONS.
  7. DESIGN VEHICLE IS A LIGHT VEHICLE.
  8. IN SITUATIONS WHERE THERE IS NO ROAD DRAINAGE, THE DRAIN INVERT CAN BE OVER 100mm AS APPROVED.
  9. EXISTING DRAINAGE SHALL NOT BE COPROMISED.
  10. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

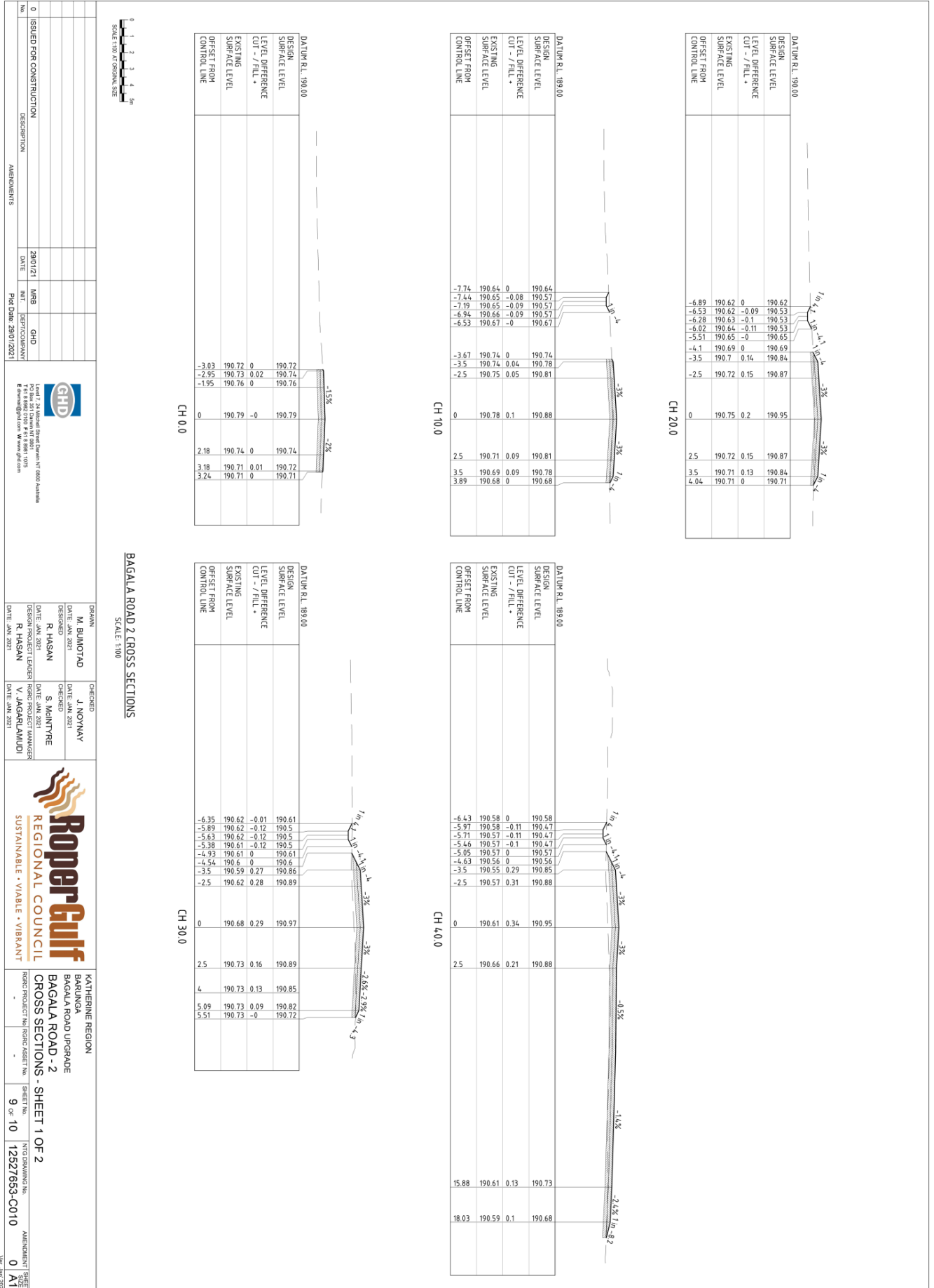








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BAGALA ROAD 2 CROSS SECTIONS

SCALE: 1:100

ISSUED FOR CONSTRUCTION 29/01/21 NRB GHD DATE: 29/01/2021 PLOT DATE: 29/01/2021		DRAWN: M. BUMOTAD DATE: JAN 2021		CHECKED: J. NOYAN DATE: JAN 2021	
AMENDMENTS:		DATE: JAN 2021		DATE: JAN 2021	
DESCRIPTION:		PROJECT LEADER: R. HASANI		REGIONAL PROJECT MANAGER: V. JAGARAJANDI	
AMENDMENTS:		DATE: JAN 2021		DATE: JAN 2021	
GHD 100-12D-00143-12527653 - Bagala Road Upgrade P.O. Box 301, Epping, NSW 1503 E: marlon.bumotad@ghd.com.au P: 61 2 9599 9200		KATHERINE REGION BARRUNGA BAGALA ROAD UPGRADE BAGALA ROAD - 2 CROSS SECTIONS - SHEET 1 OF 2			
SHEET NO: 9 OF 10 PHOTO DRAWING NO: 12527653-C010		SHEET NO: 0 OF 1 AMENDMENT:			



**GENERAL BUSINESS**

<b>ITEM NUMBER</b>	12.2
<b>TITLE</b>	Urapunga internal loop road - Shoulders reconstruction and road resealing project cost estimates.
<b>REFERENCE</b>	1064970
<b>AUTHOR</b>	Vikrant JAGARLAMUDI, Roads Coordinator

**RECOMMENDATION**

**That the Roads Committee receives and notes the cost estimates for Urapunga internal loop road resealing project**

**BACKGROUND**

In the Ordinary Meeting of Council held on 24 February 2021, Council requested Acting Chief Executive Officer (ACEO) to provide scope of works and estimate the costs to undertake the above project.

At the request of ACEO, Council Engineers' have visited the site to assess the existing conditions and scope works.

**ISSUES/OPTIONS/SWOT**

During the inspections the following issues were identified:

- Formation of multiple potholes, occurrence of delamination and stripping of aggregate
- Soft and damaged shoulders caused due to vehicles driving outside the sealed surface
- Erosion caused due to storm water run off
- Edge drop and edge breaks
- Inadequate traffic signage
- No speed humps
- Unsealed driveways

To overcome the issues and to achieve the desired conditions it is recommended to upgrade the internal loop road. The road upgrades shall include:

- Shoulder reconstruction
- Resealing
- Drainage formation
- Erosion control and landscaping
- Installation of signs and traffic furniture

Based on similar type of works conducted in the past, material costs and current market rates, it is estimated that an approximate amount of \$420,000 is required to carry out the above works.

Attachments for cost estimate will be handed out in the meeting.

**FINANCIAL CONSIDERATIONS**

It is recommend that Roads Committee review the cost estimates and request Council to include these works in its long term plan and allocate budget.

**ATTACHMENTS**

1 Urapunga loop road.pdf





**GENERAL BUSINESS**

<b>ITEM NUMBER</b>	12.3
<b>TITLE</b>	Proposal to seal internal road from new store to Minyerri community.
<b>REFERENCE</b>	1068070
<b>AUTHOR</b>	Vikrant JAGARLAMUDI, Roads Coordinator

**RECOMMENDATION****That The Roads Committee:**

- (a) **Receives and notes the update on proposed road upgrades to store;**
- (b) **Notes the information on Restricted Work Areas (RWA) and requirement for Aboriginal Areas Protection Authority (AAPA) certificate to undertake the proposed works in Minyerri; and**
- (c) **Advises council to allocate \$30,000.00 towards obtaining AAPA certificate.**

**BACKGROUND**

On 17 August 2020, the Hodgson Downs Local Authority allocated \$100,000 of 201/20 and 2020/21 of its Local Authority Project Funding towards the proposed roadworks.

**33/2020 RESOLVED (Nerrale ARNOLD/Samuel SWANSON)**

*CARRIED*

*That the Hodgson Downs Local Authority:*

- (a) *Committed to allocating \$100,000 of 2019/20 and 2020/21 Local Authority Project Funding to Stage 2 of the Roads Projects; and,*
- (b) *Supported the recommendation for Council to commit the balance of funding to Stage 2 Road Works to the Minyerri shop.*

**ISSUES/OPTIONS/SWOT****Recommendation on AAPA certificate:**

Council Engineers have undertaken desktop investigations as a part of project development process and identified that the proposed works fall under Restricted Work Areas. Therefore, it is mandatory to obtain an AAPA certificate to carry out the works.

Council was issued a certificate **C2010/128** in 2010 to allow any works associated with the development and expansion of the Minyerri Township including road works and drainage upgrades which currently remains invalid. It is recommended that Council re-apply for this certificate before proceeding with any works. The certificate would cost anywhere **up to \$30,000** and takes couple of months to process.

**Options for proposed road upgrades:**

The Local Authority has the following options pending budget availability:

- a) The existing unsealed road can be upgraded by replenishing the base layer with select fill and to achieve a typical graveled cross section with 8.0 meters pavement width as per Northern Territory Standards for Rural Environment. In addition to the pavement widening, adequate drainage (table drains, off-let drains, catch drains) can be constructed to achieve desired levels of service.

This would require low costs to construct and conduct routine maintenance each year. It is estimated that approximately \$250,000 is required to upgrade the unsealed road.

(OR)

- b) The existing road can be upgraded and sealed with bitumen to make it an all weathered road to Northern Territory Government Standards and to Austroad guidelines. This would

require geo-technical investigations, engineering survey and designs and engagement of external consultants. Based on similar type of projects from the past, it is estimated that the engineering survey and designs alone would cost an approximate amount of \$80,000. This may also require hydrological or flood data in the region to design the sufficient drainage based on the designs. The actual construction would approximately cost \$600,000 based on the current market rates but this extend the life of the pavement and reduce the annual maintenance costs.



## **FINANCIAL CONSIDERATIONS**

The Hodgson Downs Local Authority has compounded its project funding from 2019/20 and 2020/21 totaling an amount of \$172,000. The Roads Committee has contributed an amount of \$148,000 from Roads Future Fund towards the proposed project.

It is recommended that Roads Committee recommends Council to allocate \$30,000 towards obtaining AAPA certificate to proceed with any works.

Local Authority Project fund	\$172,000
Roads Future Fund	\$148,000
<u>Total Funding allocated</u>	<u>\$320,000</u>

## **ATTACHMENTS**

1   C2010128 - Minyerri Township Development.pdf



Aboriginal Areas  
Protection Authority  
*protecting sacred sites across the territory*

30  
years

**File:** D89/199; 2009/902  
**In reply please quote:** 65927

Roper Gulf Shire Council  
PO Box 1321  
KATHERINE NT 0851

**ATTENTION: Mark Hagger**

**RE: ISSUE OF AUTHORITY CERTIFICATE FOR MINYERRI TOWNSHIP DEVELOPMENT**

I refer to your application for Authority Certificate received on the 5<sup>th</sup> December 2008 for the above location. Accordingly, under the powers delegated to me under Section 19 of the *Northern Territory Aboriginal Sacred Sites Act 1989* I am pleased to issue the attached Authority Certificate.

Please read carefully the conditions outlined in the Certificate. You should also note that the Authority has issued you with two identical copies of digitised maps attached. One copy should be retained with your original Certificate. The second is supplied for use by contractors to avoid unnecessary photocopying of a colour coded document.

It is recommended that a certificate be issued for the proposed work to proceed, on the following conditions:

- The specific location of any proposed new works must be discussed with custodians before arrangements for construction are finalised;
- Contractors engaged in construction are to be advised by custodians where the features of registered sacred site MINYIRI (5767-2) are that are in proximity of the construction site before construction of any new works commences;
- At least one week prior to a visit for the purpose of planning or construction the proponent agency representatives are to contact Mr Ken Muggeridge, or in the event of his absence from Minyerri, Mr John Smiley, on (08) 8975 9797, in order for them to arrange for custodians to be available to provide advice .

It is further recommended that the Applicants be advised that it is normal practice in the Northern Territory for custodians to be paid for their services when providing advice in relation to sacred site protection.

**Darwin**

P: +61 (08) 8999 5511  
F: +61 (08) 8981 4169  
www.aapant.org.au  
enquiries.aapa@nt.gov.au  
1st Floor, T.I.I. Building,  
74 Cavenagh Street DARWIN NT  
GPO Box 1890, Darwin NT 0801

**Alice Springs**

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www.aapant.org.au  
enquiries.aapa@nt.gov.au  
Ground Floor, Belvedere House  
Cnr Bath & Parsons Streets Alice Springs NT  
PO Box 3656 Alice Springs NT 0871

Please note that the cost of this Authority Certificate will be \$57 and an invoice will be issued to you by the Department of Business and Employment [DBE]. The terms and conditions of the invoice will require you to make payment within 30 days of receipt.

If you have any further queries regarding this Authority Certificate please contact Lisa Mackey on 8982 4223.

Yours faithfully,



DR BEN SCAMBARY  
Chief Executive Officer

15 May 2010

## ABORIGINAL AREAS PROTECTION AUTHORITY AUTHORITY CERTIFICATE

Issued in accordance with Section 22 of the *Northern Territory Aboriginal Sacred Sites Act 1989*.

**REFERENCE:** D89/199; 2009/902 (Doc: 65927) C2010/128

**APPLICANT:** Roper Gulf Shire Council  
PO Box 1321  
KATHERINE NT 0851

**SUBJECT LAND:** Minyerri Township, as shown on the map which is annexure 'A' hereto.

**PROPOSED**

**WORK OR USE:** Planning and township development within the proposed works area as identified by the attached map and digital data, including all works associated with the development and expansion of the Minyerri Township:

Residential Area; Community Use Area; Service Commercial Area: Open Space Area; and Utility Purposes Area, including the construction of new buildings, the demolition, refurbishment or upgrade of existing buildings, the construction of all related infrastructure, consisting of power stations, sewerage ponds, bore field, dumps, gravel pits, barge landing, aerodrome, the reticulation of engineering and telecommunication services, roads and associated drainage and the on-going use, repair and maintenance of such structures and services within the proposed works area.

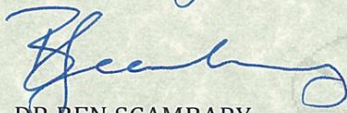
These works include all works and uses ancillary to the above works including temporary roads and access, set down areas, workforce accommodation and services, water use and access.

**CONDITIONS:**

1. The applicant shall ensure that the conditions of this Certificate are included in any subsequent contract or tender documents for the works or use described herein.
2. The applicant shall ensure any agent, contractor or employee is aware of the conditions of this Certificate and the obligations of all persons (who enter on, or carry out works or use land on which there is a sacred site) under Part IV of the *Northern Territory Aboriginal Sacred Sites Act 1989*.
3. This Certificate shall lapse and be null and void if the works in question or the proposed use is not commenced within 24 months of this Certificate.
4. The applicant shall ensure any agent, contractor or employee is aware of the content of section 40(1) of the *Northern Territory Aboriginal Sacred Sites Act 1989* which provides that this Certificate does not negate the need for consent, approval or permission for the subject works or use of the land which may be required under another statute.
5. This certificate shall expire five years from the date of issue, pending a review of sacred site protection conditions and the issue of an updated Authority Certificate. This certificate shall remain valid until such time as a replacement certificate is issued.
6. Restricted Work Area 1 (RWA 1): No works of any kind are permitted within Restricted Work Area 1 (RWA 1), associated with Registered Sacred Site MINYIRI (S-COMPLEX) 5767/2, as marked on Annexure 'A', unless previously authorised by nominated senior custodians.

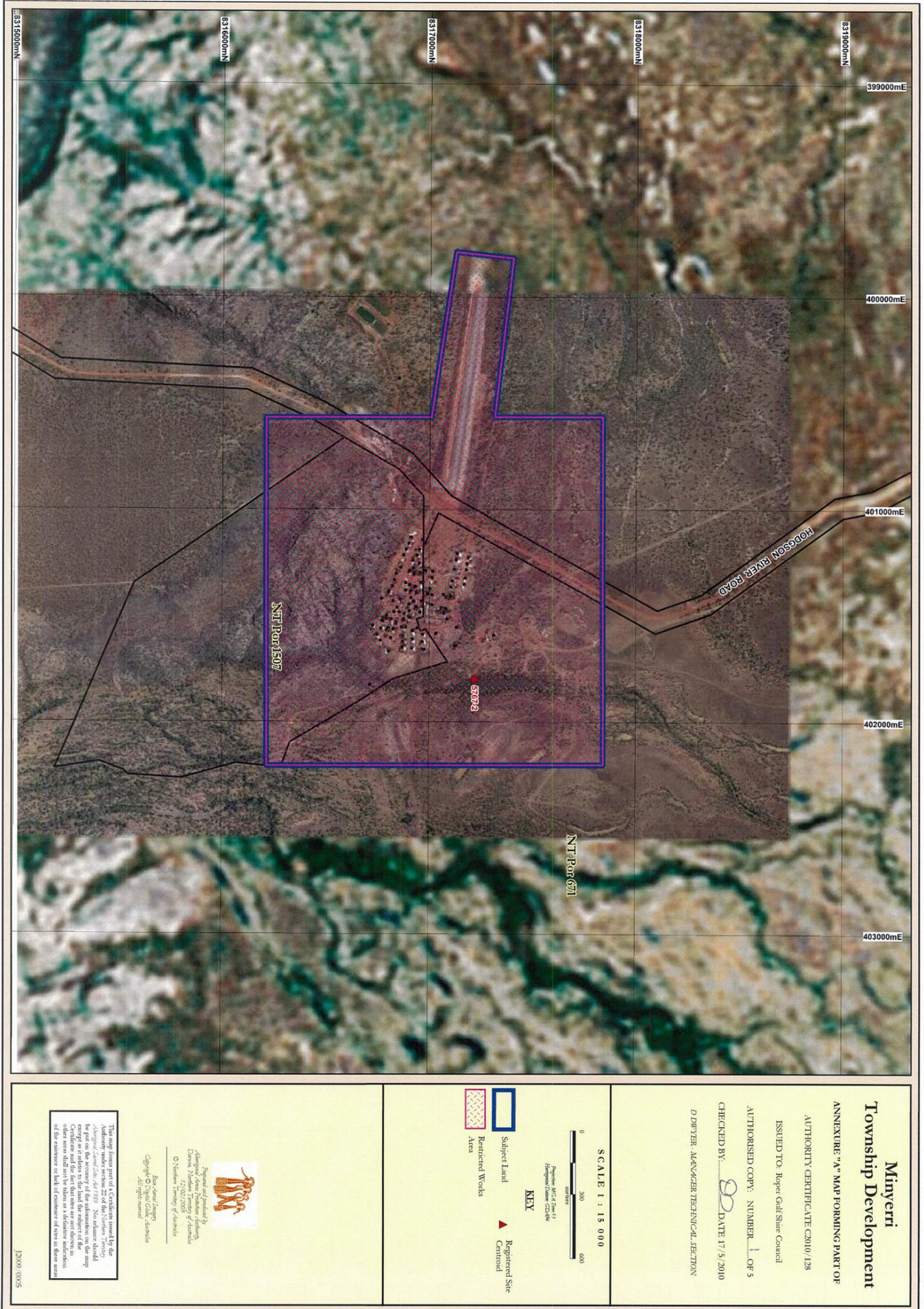
- 7. At least one week prior to a visit for the purpose of planning or construction the proponent agency representatives are to contact Mr Ken Muggerridge, Chief Executive Officer of the Alawa Aboriginal Corporation, or in the event of his absence from Minyerri, Mr John Smiley, on (08) 89 759 797, in order for them to arrange for custodians to be available to provide advice.

The COMMON SEAL of the  
ABORIGINAL AREAS PROTECTION AUTHORITY  
was hereto affixed on the 15 day  
of May 2010



DR BEN SCAMBARY  
Chief Executive Officer





**GENERAL BUSINESS**

<b>ITEM NUMBER</b>	12.4
<b>TITLE</b>	Local Roads and Community Infrastructure Program
<b>REFERENCE</b>	1068373
<b>AUTHOR</b>	Vikrant JAGARLAMUDI, Roads Coordinator

**RECOMMENDATION**

**That the Roads Committee:**

- (a) Receives and notes the information on Local Roads and Community Infrastructure Program (LRCI) and list of activities eligible under this program; and**
- (b) Recommends Council to allocate the grant funding under LRCI program towards upgrading Weemol access road.**

**BACKGROUND**

Council has accepted a grant of \$521,451 (GST Exclusive) from the Commonwealth Department of Infrastructure, Transport, Regional Development and Communications under phase 2 of the Local Roads and Community Infrastructure (LRCI) Program.

The objective of the LRCI Program is to stimulate additional construction activity in local communities across Australia to assist communities to manage the economic impacts of COVID-19.

Construction activity on eligible projects must be undertaken between 1<sup>st</sup> July 2020 and 30<sup>th</sup> June 2021, subject to following exceptions:

- Where an eligible funding recipient contributes to at least fifty percent towards the total cost of the project. Construction activity on a project may be undertaken until 30<sup>th</sup> June 2022 as long as the Australian's Government contribution covers the cost of construction activity to 30<sup>th</sup> June 2021, and all other project requirements are met.
- Where agreed by the Department due to exceptional circumstances

Council is required to nominate project(s) it plans to undertake with LRCI Program funding by completing a Work Schedule - Project Nomination form (Attachment 1). A separate form must be completed for each project or group of small projects.

LRCI Program Guidelines are attached for the Committee's reference at Attachment 2.

**Local Roads Projects**

Eligible local road projects are those that involve the construction or maintenance of roads managed by local governments. Local governments are encouraged to consider how works can support improved road safety outcomes. This could include projects involving any of the following associated with a road:

- Traffic signs;
- Traffic control equipment;
- Street lighting equipment;
- A bridge or tunnel;
- A facility off the road used by heavy vehicles in connection with travel
- On the road (for example, a rest area or weigh station);
- Facilities off the road that support the visitor economy; and
- Road and sidewalk maintenance, where additional to normal capital.



### **Community Infrastructure Projects**

Eligible community infrastructure projects are those that involve the construction, maintenance and/or improvements to council-owned assets (including natural assets) that are generally accessible to the public. These projects must deliver benefits to the community, such as improved accessibility, visual amenity, and/or safety. Examples of eligible works include:

- Closed Circuit TV (CCTV);
- Bicycle and walking paths;
- Painting or improvements to community facilities;
- Repairing and replacing fencing;
- Improved accessibility of community facilities and areas;
- Landscaping improvements, such as tree planting and beautification of roundabouts;
- Picnic shelters or barbeque facilities at community parks;
- Playgrounds and skate parks (including all ability playgrounds);
- Noise and vibration mitigation measures; and
- Off-road car parks (such as those at sporting grounds or parks).

### **ISSUES/OPTIONS/SWOT**

Weemol access road is gravel road approximately 1.8 kilometres servicing the local residents and Council staff including Mimal Land Management yard within the area. Due to recent rainfall and flooding events Weemol access road has been severely damaged compromising the access in to the community. Several washouts and bog holes were from the storms due to inadequate drainage (open drains, table drains and culverts). It was identified that there is significant loss of gravel over the years and requires replenishment.

It is recommended that gravel re-sheeting is conducted along with provision of drainage to minimise the formation of corrugations, depressions, boggy surfaces and increase pavement life that results in low annual maintenance costs.

The proposed works includes “Restricted Works Area” (RWA) determined by the Aboriginal Areas Protection Authority (AAPA). The section of road between Mimal Land Management yard and the start of the seal at the entry to the community falls under RWA. To conduct works on this section Council will need to obtain an AAPA certificate.



A handout will be provided during the meeting.

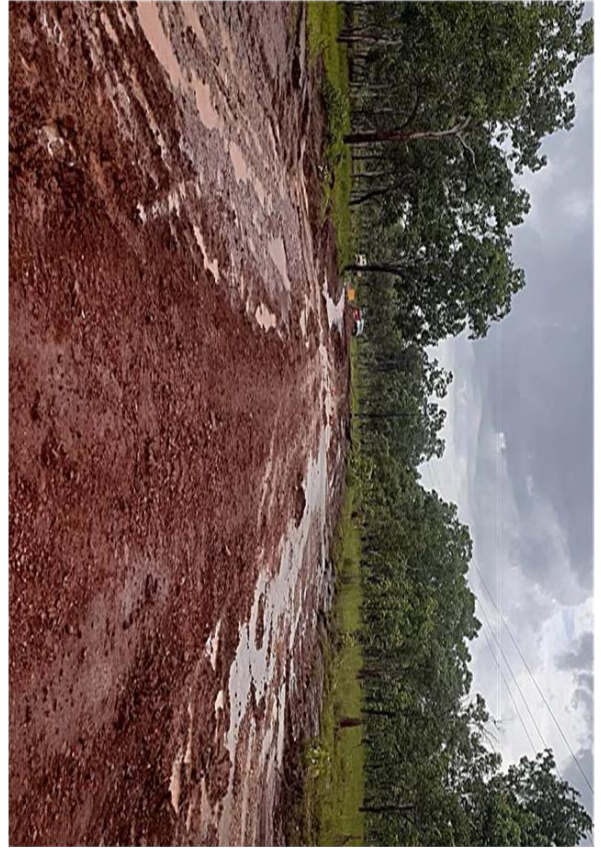
### **FINANCIAL CONSIDERATIONS**

It is recommended that the Roads Committee nominate Weemol Access Road upgrades under the Local Roads and Community Infrastructure Program and advice Council to allocate the grant funding towards the project.

Grant funding of \$521,451 has been accepted by Council from the Department under the phase of LRCI program.

### **ATTACHMENTS**

- 1  Access road - wet weather damages 1.pdf
- 2  Access road - wet weather damages.pdf





**GENERAL BUSINESS**

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<b>ITEM NUMBER</b>	12.5
<b>TITLE</b>	Ngukurr - Pavement and drainage issues on the road to community store.
<b>REFERENCE</b>	1073628
<b>AUTHOR</b>	Vikrant JAGARLAMUDI, Roads Coordinator

**RECOMMENDATION**

**That the Roads Committee**

- (a) Receives and notes the Road Safety Audit and the recommendations included in it; and**
- (b) Receives and notes the drainage and pavement condition assessments.**

**BACKGROUND**

In the Roads Committee Meeting held on 25 August 2020, Roads Committee requested to investigate the drainage issues along the road to the community store in Ngukurr. At the request of the Committee, the Council Engineer has conducted inspections to assess the road and drainage conditions on 15 December 2020.

In addition to the visual inspections and condition assessments, the Council Engineer has undertaken a Road Safety Audit along with accredited Senior Road Safety Auditor to analyze the potential traffic risks and hazards to vehicles and pedestrians in the local area.

The audit has been conducted in accordance with Guide to Road Safety – Part 6 – Managing Road Safety Audits 2019. A copy of the audit with findings is attached to the report for reference.

**ISSUES/OPTIONS/SWOT**

Inspections of the road confirmed the deteriorating conditions of the pavement and inadequate drainage discharging the storm water in to the adjacent properties during wet weather conditions.

These inspections were conducted with a view to assist the Council with planning and financial budgeting required for the road upgrades.

**Findings and recommendations:****1. Pavements**

The road consists of low quality dust suppression seal which is extensively deteriorated displaying multiple cracks, edge drops, edge breaks, delamination, bleeding of bitumen and stripping of aggregate.

These defects will allow the storm water to seep under the pavement through the damaged surfaces and may lead to further pavement failures reducing the serviceability and posing threats to traffic.

**2. Drainage**

The drainage network is open unlined drains with no landscaping or erosion control. The driveways to the properties along the road are not sealed and are often scoured during wet season. Drains are not channelized and have no protection from the storm water run-offs.

Overall drainage is inadequate. Most sections will need to be reshaped and regraded to form table drains for discharging water away from roads.

### 3. Shoulders

The shoulders are not sealed and are damaged at multiple areas causing edge drops and edge breaks resulting from vehicles driving outside the sealed pavement. Further deterioration of shoulders do not assist run-off water to flow in to the table drains.

### 4. Car parking

Inadequate parking space along the road. It is observed vehicles and local traffic park on the side of the road restricting pedestrian access.

### 5. Footpaths

They are non-existent. Pedestrians walk across the road posing unfavorable conditions to oncoming traffic.

Designated footpaths are to be constructed to avoid any accidents and injuries.

### 6. Road furniture and traffic signage

Stop signs, give way signs, speed limit signs and other warning signs are missing. There are no speed regulating devices to slow down the traffic.

Pedestrian crossings are to be marked to indicate traffic.

### 7. Other

Formalizing and sealing the bust stop are and provide bust stop shelter for local residents and traffic.

**Issues:** The works will involve extensive use of gravel for earthworks and pavements but Council do not have access to gravel pits within the area. It is estimated that approximately 700 tons of gravel is required for the proposed works. To import suitable gravel to site of works from local quarries in Katherine will be nearly twice the total project costs.

It is recommended that Council obtain Mineral Extraction Agreement form Northern Land Council before commencing any works.

#### Scope of works:

1. Scarifying existing bitumen road
2. Rip and compact 150 mm of base course to construct pavement and shoulders
3. Spray sealing (14/7 mm aggregate) including bus stop area.
4. Reinstate open unlined drains
5. Install culverts and construct driveways
6. Construct concrete footpaths (N25 concrete, 100 mm thickness and 1.5 m wide)
7. Installation of traffic signs and furniture.
8. Landscaping and erosion control

Roads Committee is requested to review the Safety Audit and the Condition Assessment report and approve the scope of works.

### FINANCIAL CONSIDERATIONS







Estimated Construction costs (ex GST) are as follows:

1. Earthworks	\$140,000
2. Spray Sealing	\$110,000
3. Reinstate drains	\$5,000
4. Concrete culverts	\$30,000
5. Footpaths	\$80,000
6. Landscaping	\$62,000
7. Traffic signs and furniture	\$15,000

8. Conformance testing	\$20,000
9. Mobilization costs	\$70,000
10. Survey and geo tech	\$15,000
11. Running costs	\$ 50,000
<hr/>	
Total costs	\$ 597,000
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There is no budget allocated for the proposed works. The Roads Committee is to review the construction estimates and advise Council to incorporate the proposed works in future roads plan and allocate funding.

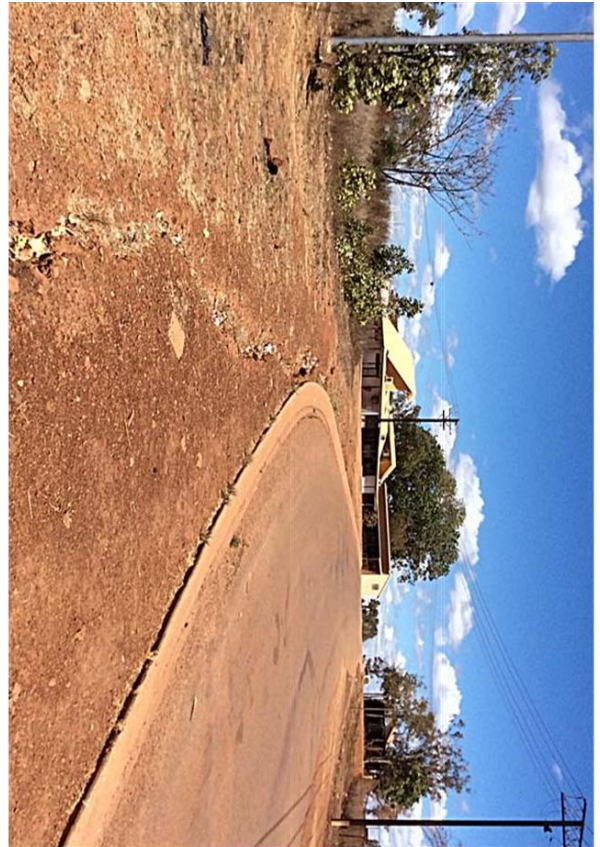
#### **ATTACHMENTS**

- 1   Road Safety Audit Ngukurr Store Local Area B\_.docx
- 2   Ngukurr - Road Inpsections.pdf
- 3   Ngukurr - Road inspections.pdf









## INFRASTRUCTURE SERVICES AND PLANNING DIVISIONAL REPORT



<b>ITEM NUMBER</b>	16.1
<b>TITLE</b>	Roads Projects Update
<b>REFERENCE</b>	1063409
<b>AUTHOR</b>	Vikrant JAGARLAMUDI, Roads Coordinator

### RECOMMENDATION

**That the Roads Committee receives and notes the Roads Projects update.**

### BACKGROUND

Roads maintenance and management is a core responsibility of Roper Gulf Regional Council (RGRC). Council manages over 900km of roads, ranging from sealed roads with kerb and guttering; sealed roads; gravel roads and flat bladed track. Council undertakes repairs and maintenance activities as well as upgrades to roads in accordance with Annual Regional Plan each year.

The following table below indicates the list of road projects and their current status:

Project	Status	Comments
<b>All Towns Maintenance:</b> Potholes, speedbumps and signage	Ongoing	Potholes and signage ongoing maintenance.
<b>Maintenance Grades:</b> Eva Valley Road, Weemol Access Road and Urapunga	Open grades shall be undertaken on each of these roads by end April.	3 maintenance grades are proposed for these roads in the 2020/21 budget.  Grade and roll has been conducted on Eva Valley access road in March 2021.
<b>Barunga:</b> Bottom Camp Housing Access – cul-de-sac-design.	GHD has submitted for designs and documentation for Bagala road upgrade near the bottom camp. Construction works are estimated to cost approximately \$300,000 (GST ex). Project is tender ready and requires Council approval for advertising on Tenderlink.	It is recommended that Council review the costs and allocate the funds in its budget.  In the OMC held on 24 February, Council resolved to defer the mater to next OMC and requested ACEO to write a letter to Territory Housing regarding the driveway access to the lots 208,209 and 210.
<b>Beswick:</b> Cameron and Madigan roads intersection upgrade.	Preliminary investigations identified that the proposed works are within Restricted Works Area and require Aboriginal Areas Protection Authority certificate prior to commencing any works. GHD's proposal for survey and engineering consultation has lapsed.	Council has allocated \$ 40,000 to obtain AAPA certificate and \$70,000 towards survey and engineering designs. Council successfully obtained the AAPA certificate required for the works.  GHD has revised their proposal and the costs are \$82,797.30 (ex GST). Council allocated \$70,000

		towards the project.
<b>Borroloola:</b> Rocky Creek Bridge	Department of Infrastructure Planning and Logistics is project managing this. Contract was awarded in August 2020 and due to be completed by 31 December 2020.	Works were completed in December 2020 and final inspection of works was undertaken in January 2021.
Anyula Street – Black spot program	Tenders were closed 5 February and no submissions were received.	Council requests ACEO to obtain quotes from local contractors and award the contracts.
<b>Bulman:</b> Seal and drainage of internal roads	Works suspended until Local Authority advises if an AAPA certificate is worth obtaining.	Council to discuss with Traditional Land Owners.
<b>Mataranka:</b> Cemetery Carpark	Council has allocated a budget of \$327,957 towards the construction of the car park. Northern Machinery Sales were awarded the contract.	Works commenced in November 2020. Practical completion date was eight weeks but works were delayed due to onset of wet weather. Works are expected to end by 22 March.
<b>Manyallaluk:</b> Internal roads and drainage upgrade works.	Tenders closed on 22 February. Submissions received were assessed by the panel members and recommendation was made to ACEO to award the tender.	Council allocated funds in its 2020/21 budget.
Access Road Gravel re-sheeting	Contract was awarded to Northern Machinery Sales. Works commenced in September 2020. Practical date for completion was 31 December.	Works have been completed and inspected for compliance.
<b>Minyerri:</b> Seal internal roads, reinstate drains Stage 2 – Store Road	The Hodgson Downs Local Authority has determined to compound grant from 2019-20 and compound 2020-21 grant and utilize it towards roads upgrades. These work will require a contribution from Council either way.	The Roads Committee recommended Council to allocate \$148,000 from Roads Future Fund if Hodgson LA decided to use its project funding towards road upgrades.  Projects team provided Council with options for road upgrades for consideration.
<b>Ngukurr:</b> Freight Hub	Project attained 90% completion. Pavements, drainage, sealing, concrete works, loading ramp including fencing around future hard stand have been completed but lighting at the facility.  Lights have been ordered and delivery is expected by end March. Power Projects NT were awarded the contract to install and commission them.	Final delivery of the project is expected by end March 2021.
<b>Numbulwar:</b> Internal roads	Numbulwar LA prioritised the roads to be upgraded. Works	Council approved Roads Committee recommendation to

upgrade	were advertised on Tenderlink for four weeks before closing on 5 February. Tenders were closed and no submissions were received.	nominate Local Roads and Community Development grant of \$489,289 (GST Exclusive) towards ROAD UPGRADES IN Numbulwar. In addition Council allocated \$500,000 from Roads Future Fund.
<b>Urapunga:</b> Road C plus shoulder work	Design at 50%; additional cost of \$6000 relating to extension of project area to include the bus parking at Lot 9 and realignment of the road around the cemetery.	Council staff have undertaken some preliminary consultations with the LA and need to make alterations to the design

**ISSUES/OPTIONS/SWOT**

Nil.

**FINANCIAL CONSIDERATIONS**

The table below details Council's three sources of funding, included in the '*RGRC 5 Year Roads Plan*' commencing at 2018/19. The balance yet to be allocated is for the remainder of the RGRC Future Fund. The Roads Committee to recommend the disbursements of the remaining funds available.

Funding Source	Total Funds	Total funds Allocated	Balance to be allocated
Roads Future Fund \$ 2 million \$ 1 million OCM 29/4/2020 \$ 500,000 RCM 27/5/2020 \$ 570,000 RCM 25/8/2020	\$ 4,070,000	\$ 3,513,000	\$ 557,000
Roads to Recovery (R2R) 2019-2023	\$ 2,446,445	\$ 2,446,445	\$ 0
NT Ops' Federal Assonance Grants	\$ 1,499,329	\$ 1,499,329	\$ 0
	<b>\$ 8,015,774</b>	<b>\$ 7,458,774</b>	<b>\$ 557,000</b>

Location	Roads Future Fund Allocated 27/11/2020	Roads Future Fund Allocation 29/4/2020	Roads Future Fund Allocation 27/5/2020	Roads Future Fund Allocation 25/08/2020
All towns				
Barunga		\$ 51,510		\$ 30,000
Beswick		\$ 70,000		\$ 40,000
Borroloola				
Weemol	\$ 320,000			
Bulman	\$ 77,533	\$ 710,600		
Jilkminggan				
Mataranka	\$ 150,500	\$ 327,957		
Manyallaluk	\$ 100,000	\$ 500,000	\$ (70,000)	
Minyerri	\$ 100,000		\$ 80,000	
Ngukurr				
Numbulwar	\$ 149,000			\$ 500,000
Urapunga	\$ 66,000			
Larrimah & Daly Waters	\$ 310,000			
	\$ 1,273,033	\$ 1,660,067	\$ 10,000	\$ 570,000
<b>Total Allocated</b>	<b>\$ 3,513,100</b>			

**Road Future Fund Project Expenditure as 28 February 2021**

<b>Project</b>	<b>Budget</b>	<b>Expenditure 19/20</b>	<b>Expenditure 20/21</b>	<b>Total</b>
Barunga Cul-de-sac	\$ 81,510		\$ 51,510	\$ 51,510
Beswick Madigan Road Intersection	\$ 110,000		\$ 19,404	\$ 19,404
Weemol reseal works	\$ 320,000	\$ 282,495		\$ 282,495
Bulman drainage works	\$ 77,533	\$ 75,684		\$ 75,684
Bulman seal internal roads	\$ 710,600	\$ 6,576	\$ 54	\$ 6,630
Mataranka Road upgrades incl Jilk & Urapunga	\$ 150,500	\$ 81,261		\$ 81,261
Mataranka Cemetery Carpark	\$ 327,957	\$ 3,930	\$ 561	\$ 4,491
Manyallaluk Internal Roads	\$ 100,000	\$ 95,824		\$ 95,824
Manyallaluk 10km Resheet	\$ 430,000		\$ 83,544	\$ 83,544
Minyerri seal internal roads	\$ 100,000	\$ 68,693		\$ 68,693
Minyerri stage 2	\$ 80,000			
Numbulwar survey & designs	\$ 649,000	\$ 149,076	\$ 523	\$ 149,599
Urapunga access road	\$ 66,000	\$ 66,000		\$ 66,000
Larrimah & Daly Waters	\$ 310,000	\$ 310,000		\$ 310,000
	<b>\$3,513,100</b>	<b>\$ 807,571</b>	<b>\$ 155,596</b>	<b>\$ 963,167</b>

**ATTACHMENTS**

Nil

## INFRASTRUCTURE SERVICES AND PLANNING DIVISIONAL REPORT

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<b>ITEM NUMBER</b>	16.2
<b>TITLE</b>	Road Projects Tender Updates
<b>REFERENCE</b>	1064398
<b>AUTHOR</b>	Vikrant JAGARLAMUDI, Roads Coordinator

### RECOMMENDATION

**That the Roads Committee receives and notes the update on Anyula Street upgrade in Borroloola and Numbulwar road upgrade tenders.**

### BACKGROUND

The following are the details of the above tenders:

Tender Title	Borroloola Region – Anyula Street- Rehabilitation of Pavement
ID Number	ROPER - 951646
Opening date	04/01/2021
Closing Date	05/02/2021

Tender Title	Numbulwar – Pavement and Drainage rehabilitation
ID number	ROPER - 951777
Opening date	06/01/2021
Closing date	08/02/2021

The tenders were advertised on Tenderlink for a period of four weeks before closing on the above mentioned dates. The tenders were opened by the approved panel members and zero submissions were received.

### ISSUES/OPTIONS/SWOT

The proposed Numbulwar road upgrades were partly funded under the Local Roads and Community Infrastructure program. Council has accepted the grant and as per the executed agreement scope of works must be completed by 30 June 2021.

Proposed upgrades on Anyula Street were funded under Blackspot program and as per the executed agreement required works should be completed by 30 June 2021.

As it is not viable to retender the above projects due to time restraints and high administration costs, Council was recommended to delegate the authority to Acting Chief Executive Office to be able to obtain quotes for the proposed works and award the contracts subject to the adherence to the Procurement Policy and Funding Agreements.

Local contractors were requested to submit a quote for the works. It is anticipated that the works will be delivered within the timeframes.

### FINANCIAL CONSIDERATIONS

Council has allocated the funds for the proposed projects in 2020-21 budget.

### ATTACHMENTS

Nil