

DIMENSION LIMITS FOR AGRICULTURAL VEHICLE ACCESS TO ROADS IN THE QUEENSLAND SUGAR INDUSTRY

ZONE 3 COASTAL

MULGRAVE/SOUTH JOHNSTONE/TULLY/BURDEKIN/HERBERT RIVER/PROSERPINE/MACKAY/PLANE CREEK

Access Instrument	General Access	EXEMPTION FOR ACCESS GREATER THAN GENERAL ACCESS UNDER THE NATIONAL CLASS 1 AGRICULTURAL VEHICLE NOTICE		PERMIT
NATIONAL NOTICE ZONE	All zones	ZONE 3 COASTAL		IF GREATER THAN REGIONAL DIMENSIONS THEN A PERMIT IS REQUIRED
Region	All Qld	MULGRAVE/SOUTH JOHNSTONE/TULLY/BURDEKIN/HERBERT RIVER/PROSERPINE/MACKAY/PLANE CREEK		
TYPE OF ROAD	ALL ROADS	CRITICAL ROADS	MAJOR AND MINOR ROADS	
Single vehicle length	12.5m	15m	15m	
Articulated vehicle length	19m	19m	19m	
Combination length	19m	25m	25m	
Agricultural implement length		20m	20m	
Height	4.3m	5m 4.6m Ergon	5m 4.6m Ergon	
Width	2.5m	4m	5m	
Single vehicle rear overhang	3.7m	5.5m	5.5m	
Implement rear overhang		5.5m	5.5m	
Cane harvester rear overhang		7.8m	7.8m	

MASS LIMITS FOR AGRICULTURAL VEHICLE ACCESS TO ROADS IN THE QUEENSLAND SUGAR INDUSTRY

ALL ZONES

**Note: Maximum Agricultural vehicle mass 45 tonne GCM.
Restricted structure list that applies to certain mass thresholds.**

	SINGLE AXLE MASS LIMIT	TANDEM AXLE GROUP MASS LIMIT	TRI-AXLE GROUP MASS LIMIT	CANE BIN TRI-AXLE GROUP MASS LIMIT	PERMIT
Axle fitted with 2 tyres and a tyre width less than 16 inches (406mm)	10t	20t	27t	28t	IF MASS GREATER A PERMIT IS REQUIRED
Axle fitted with 2 tyres and a tyre width at least 16 inches (406mm)	12t	24t			
Axle fitted with 4 tyres and a ground contact width less than 2.51m	9t				
Axle fitted with 4 tyres and a ground contact width at least 2.51m but not more than 3.5m	10.5t				
Axle fitted with 4 tyres and a ground contact width more than 3.5m	12t				

WIDE AGRICULTURAL VEHICLE ACCESS TO ROADS IN THE QUEENSLAND SUGAR INDUSTRY



ZONE 3 COASTAL

MULGRAVE/SOUTH JOHNSTONE/TULLY/BURDEKIN/HERBERT RIVER/
PROSERPINE/MACKAY/PLANE CREEK

WIDTH (metres)	>2.5	2.6	2.7	2.8	2.9	3	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5	5.1	5.2	5.3	5.4
CRITICAL ROAD/ CRITICAL AREA	On-vehicle signage, flags, lights. No pilot.											0.5m buffer with signage, ag pilot & 5km travel; OR with Level 1 pilot & ag pilot.					PERMIT													
MAJOR ROAD	On-vehicle signage, flags, lights. No pilot.											1 ag pilot.					2 ag pilots.				PERMIT									
MINOR ROAD	On-vehicle signage, flags, lights. No pilot.											No ag pilot if >500m visibility or 1 ag pilot if <500m visibility. Council conditions.					1 ag pilot if >500m visibility or 2 ag pilots if <500m visibility. Council conditions.				PERMIT									

CHECKLIST FOR OVERSIZED AGRICULTURAL VEHICLES

✓ 1. VEHICLE REGISTRATION

All vehicles on the road need registration and each type of registration has different conditions. Agricultural vehicles can be conditionally registered as:

- Limited access
- Zonal access, and
- Unrestricted access

It is important to know what type of registration you have and check what conditions apply.

Department of Transport and Main Roads (TMR): www.qld.gov.au/transport/registration

✓ 2. DRIVERS LICENSE

Most agricultural vehicles (such as tractors and harvesters) in the sugarcane industry can be driven by a person with a Class C drivers license in Queensland. However, it is a basic workplace health and safety duty of care to ensure that a driver is competent in a vehicle after adequate training. Ask your local CANEGROWERS office if they offer a haul out courses and check the special purpose licensing document on the CANEGROWERS website (in Member Resources).

✓ 3. SCHEDULE 8 OF THE MDL REGULATION, PART 1 DIVISION 4 (AGRICULTURAL VEHICLES)

On-vehicle signage, lights and flags have been a requirement for a long time and are still the same as with the requirements of the pilot vehicle.

These can be found in Appendix 3 on page 47 of the NHVR Notice Operators' Guide: www.nhvr.gov.au/files/201904-1043-national-class-1-agricultural-vehicle-and-combination-operators-guide.pdf

✓ 4. CHAIN OF RESPONSIBILITY (COR)

You may be part of a CoR in the transport system and, as far as reasonably practicable and in your control, have a responsibility for poor maintenance, overloading, fatigue etc.

CoR obligations: www.nhvr.gov.au/safety-accréditation-compliance/chain-of-responsibility

✓ 5. THIRD PARTY APPROVALS

You may need permission or a permit from Ergon Energy (for vehicles higher than 4.6m), Queensland Rail and a telecommunications company depending on the route you are planning.

Ergon Energy application form: www.ergon.com.au

✓ 6. TOWED MASS RATIO

There are limits for the ratio of towing and towed vehicle masses in an agricultural combination.

- Un-braked agricultural implements and trailers may have a mass up to 1.2 times more than the mass of the towing vehicle when the speed limit exceeds 25km/h or 1.5 times more than the mass of the towing vehicle when the speed limit does not exceed 25km/h.
- Braked agricultural implements and trailers that comply with Vehicle Standard (Australian Design Rule 38/00 – Trailer Brake Systems) 2006 may have a mass up to 3.0 times more than the tow mass ratio of the towing vehicle.

Tow Mass Ratios for Agricultural Vehicles:

www.nhvr.gov.au/files/201906-1058-tow-mass-ratios-for-agricultural-vehicles.pdf

Tow Mass Ratio Calculator: www.nhvr.gov.au/files/201906-1059-tow-mass-ratio-calculator.xls

✓ 7. ALL OTHER DIMENSION AND MASS LIMITS

All other dimensions must not be exceeded. The Notice allows for exemptions up to the following limits; height 5.0m (Ergon 4.6m), single vehicle length 15.0m, articulated vehicle length 19.0m, combination length 25m in zone 3 and 35m in zone 4, implement rear overhang 5.5m in zone 3 and 6.5m in zone 4 and rear overhang for a cane harvester 7.8m.

Tip: Make a note of your vehicle dimensions in the table opposite.

For mass limits it is strongly recommended that the Operator's Guide and Local Government conditions are consulted as there are a number of restricted structures limiting mass such as bridges.

✓ 8. PERMITS

If the vehicle has dimensions or mass greater than the limits in the notice then a permit is required and this is applied for through the NHVR Portal: www.service.nhvr.gov.au

✓ 9. CRITICAL, MAJOR AND MINOR ROADS IN QUEENSLAND AND THE MAP FUNCTION

In Queensland it is important to know which class of road you are travelling on as they may all have different conditions for access.

The NHVR provides up to date information on roads which for the purposes of the Notice are classified as critical, major and minor. These can be found on the NHVR Agricultural Heavy Vehicle Zone Map: nhvr.maps.arcgis.com/apps/webappviewer/index.html?id=ffa527a24fd040ac9082235f000a73ee and in the District summary documents on the CANEGROWERS website (in Member Resources).

✓ 10. TRAVEL MANAGEMENT PLAN

It is a requirement that the operator assesses the route before travelling and a travel management plan is recommended. A template for a Travel Management Plan is on the CANEGROWERS website (in Member Resources).

✓ 11. SPECIAL CONDITIONS FOR QUEENSLAND

State-wide restrictions:

- Travel time in major city and CBD's 7.00am to 9.00am and 4.00pm to 6.00pm on business days.
- Easter, Christmas and New Year travel is not allowed on critical and major roads under the Notice. A permit can be applied for. Travel is allowed on minor roads with an additional pilot added to the normal requirements.

✓ 12. CANE HARVESTERS

Sugarcane harvesters with a rear overhang of up to 7.8m have special conditions for access and these conditions can be found in the NHVR Operator's Guide. See page 20 for pilot vehicle requirements for sugarcane harvesters with rear overhang up to 7.8m and Appendix 2 on page 46 for sugarcane harvester excluded areas and approved roads: www.nhvr.gov.au/files/201904-1043-national-class-1-agricultural-vehicle-and-combination-operators-guide.pdf

✓ 13. LOCAL GOVERNMENT CONDITIONS

Local Government areas as road managers have approved access under certain conditions. These conditions can be found at Appendix 5: Road Manager conditions: www.nhvr.gov.au/files/201904-1044-appendix-5-road-manager-conditions.pdf

VEHICLE DIMENSIONS

Vehicle or Combination	Width	Height	Length	Rear Overhang	Mass/axle mass
1.					
2.					
3.					
4.					
5.					

ZONE 3 COASTAL

MULGRAVE ROAD MAP 1

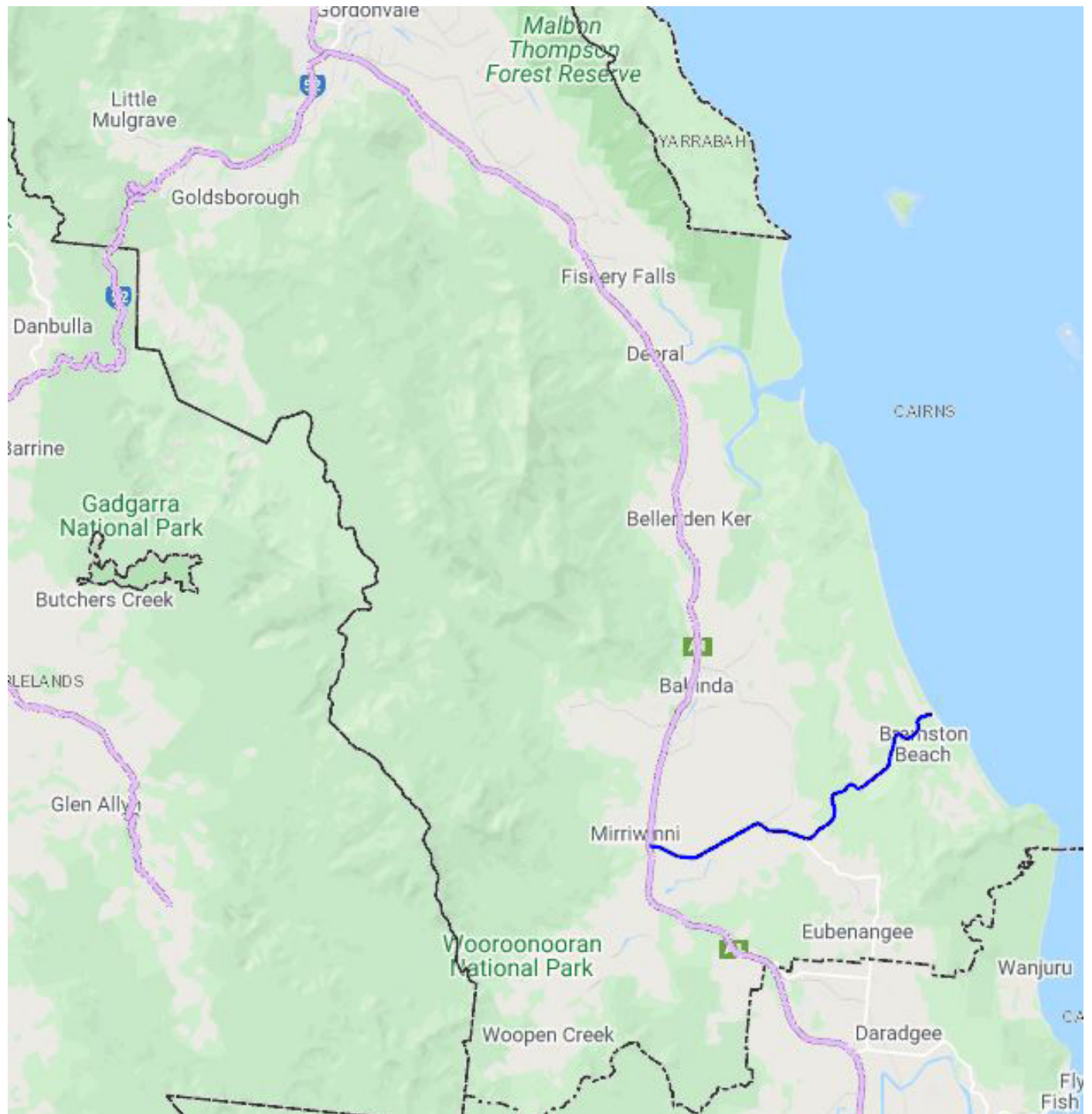
— Critical Road — Major Road



ZONE 3 COASTAL

MULGRAVE ROAD MAP 2

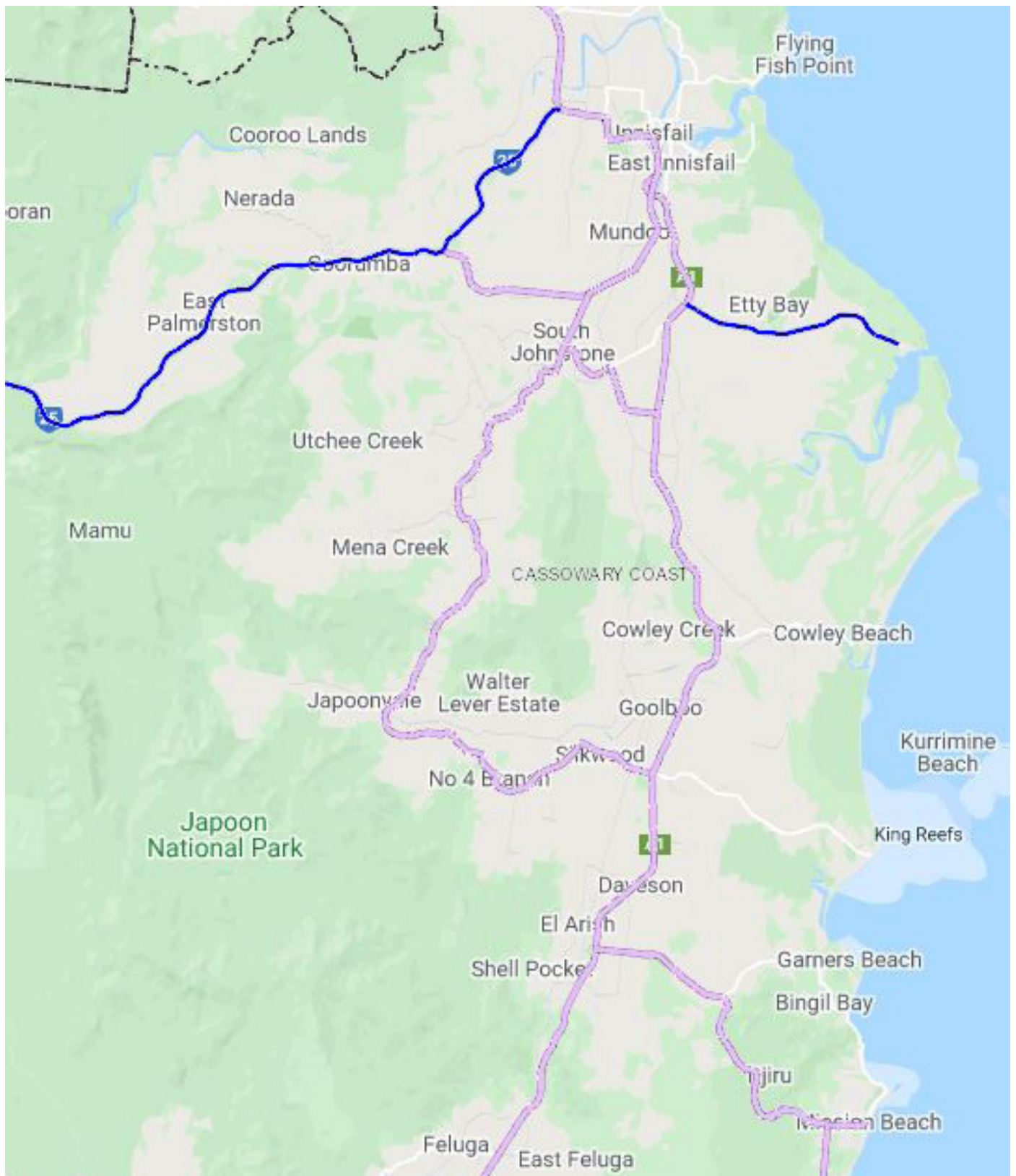
— Critical Road — Major Road



ZONE 3 COASTAL

SOUTH JOHNSTONE ROAD MAP

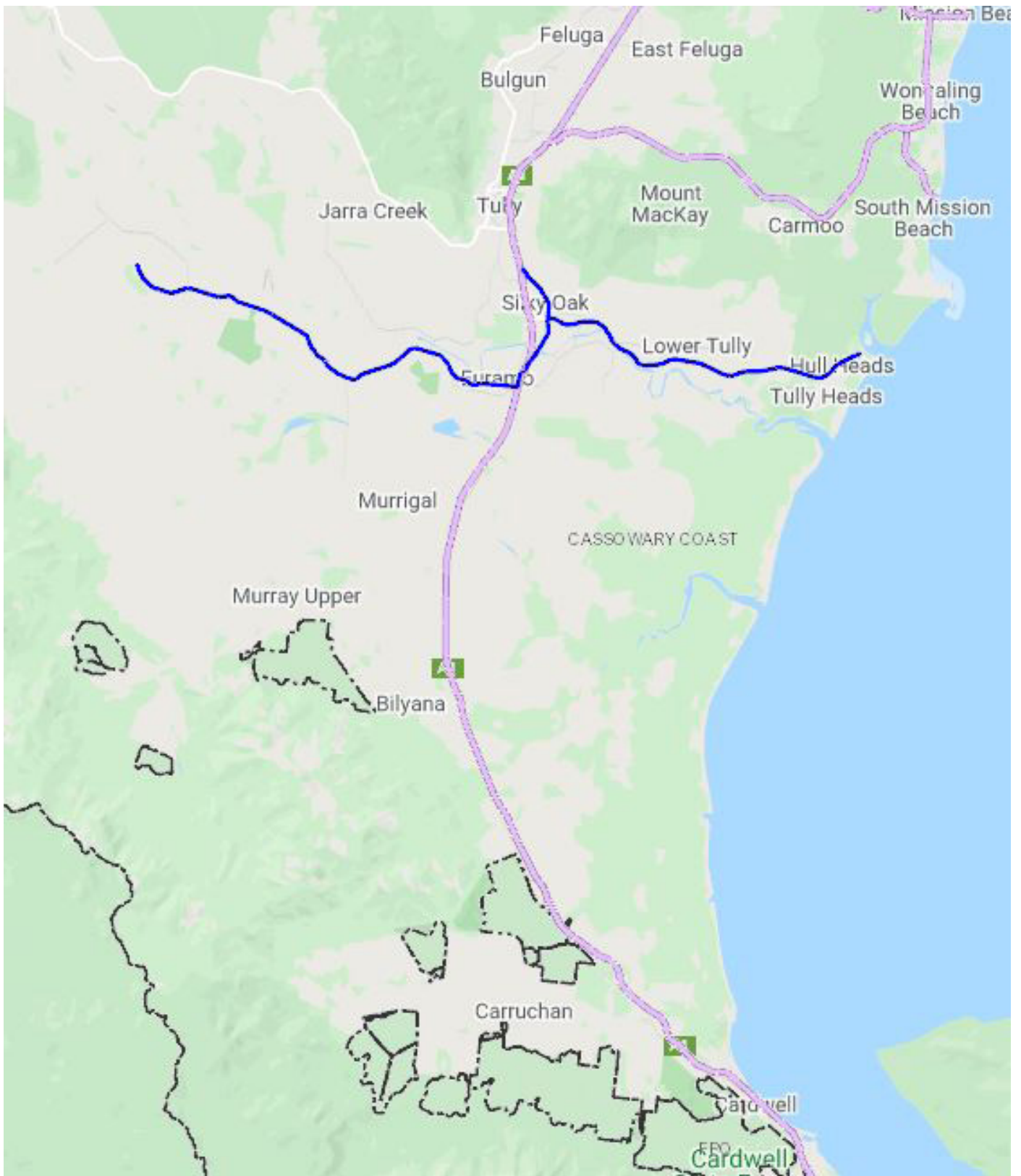
— Critical Road — Major Road



ZONE 3 COASTAL

TULLY ROAD MAP

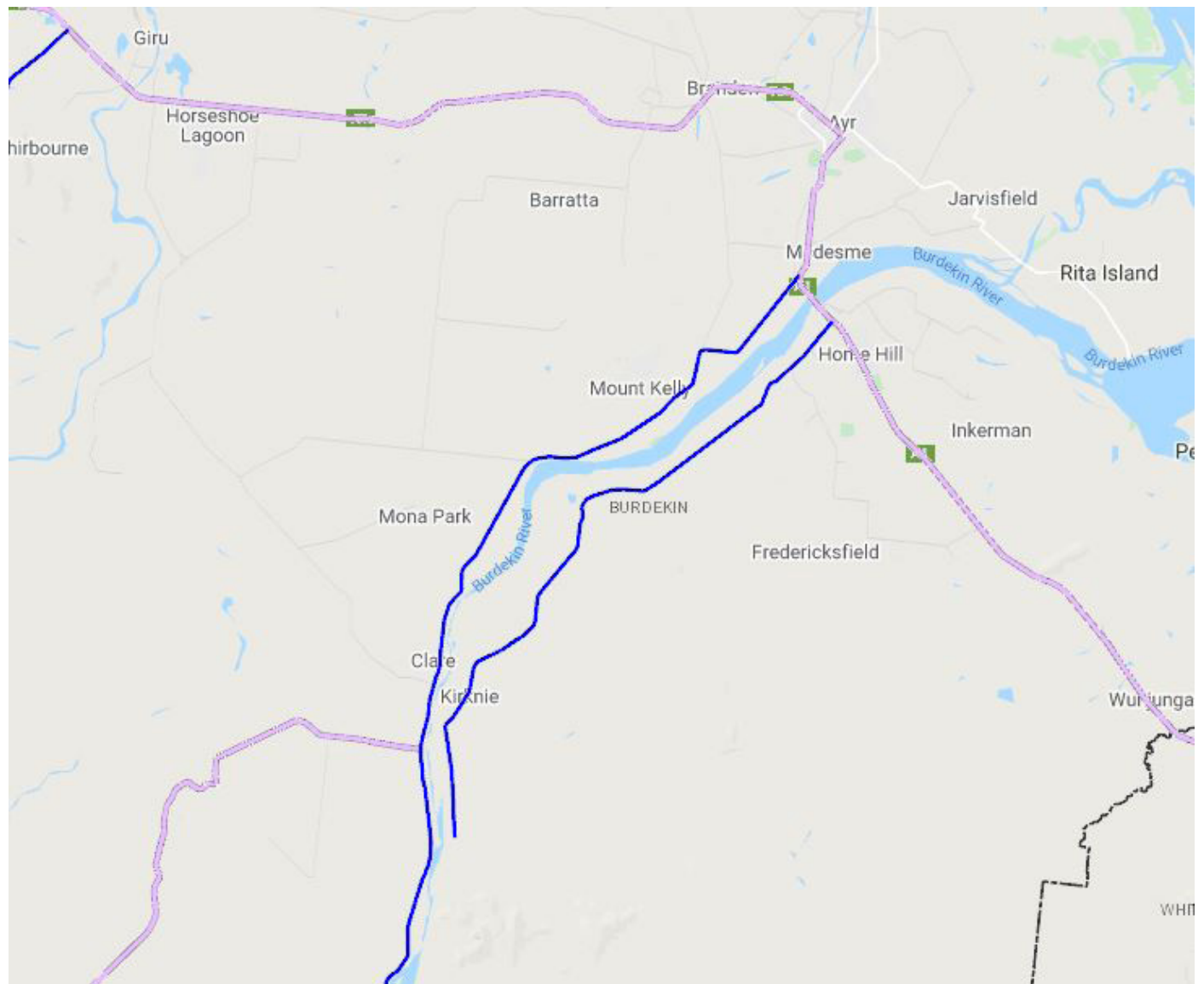
— Critical Road — Major Road



ZONE 3 COASTAL

BURDEKIN ROAD MAP 1

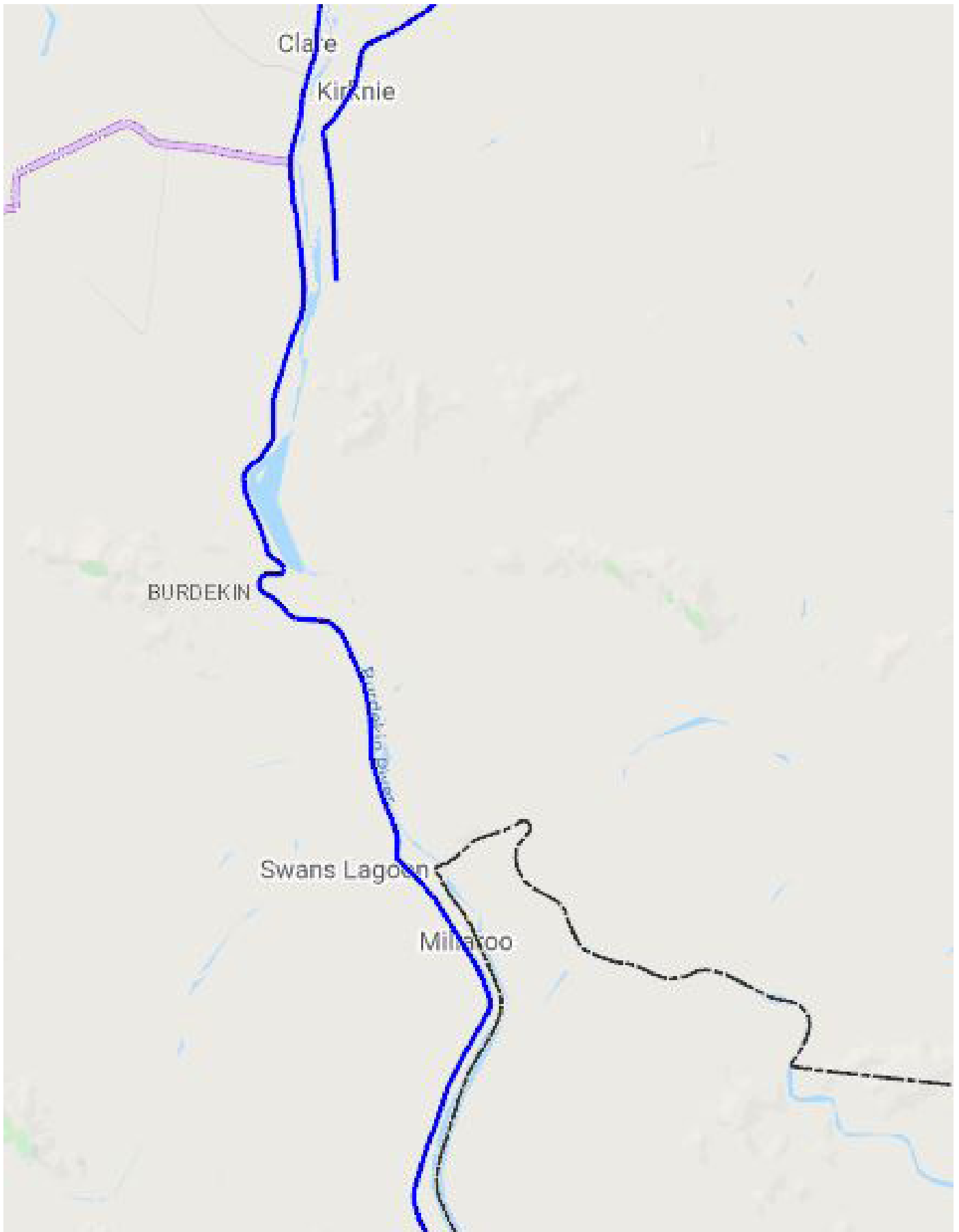
— Critical Road — Major Road



ZONE 3 COASTAL

BURDEKIN ROAD MAP 2

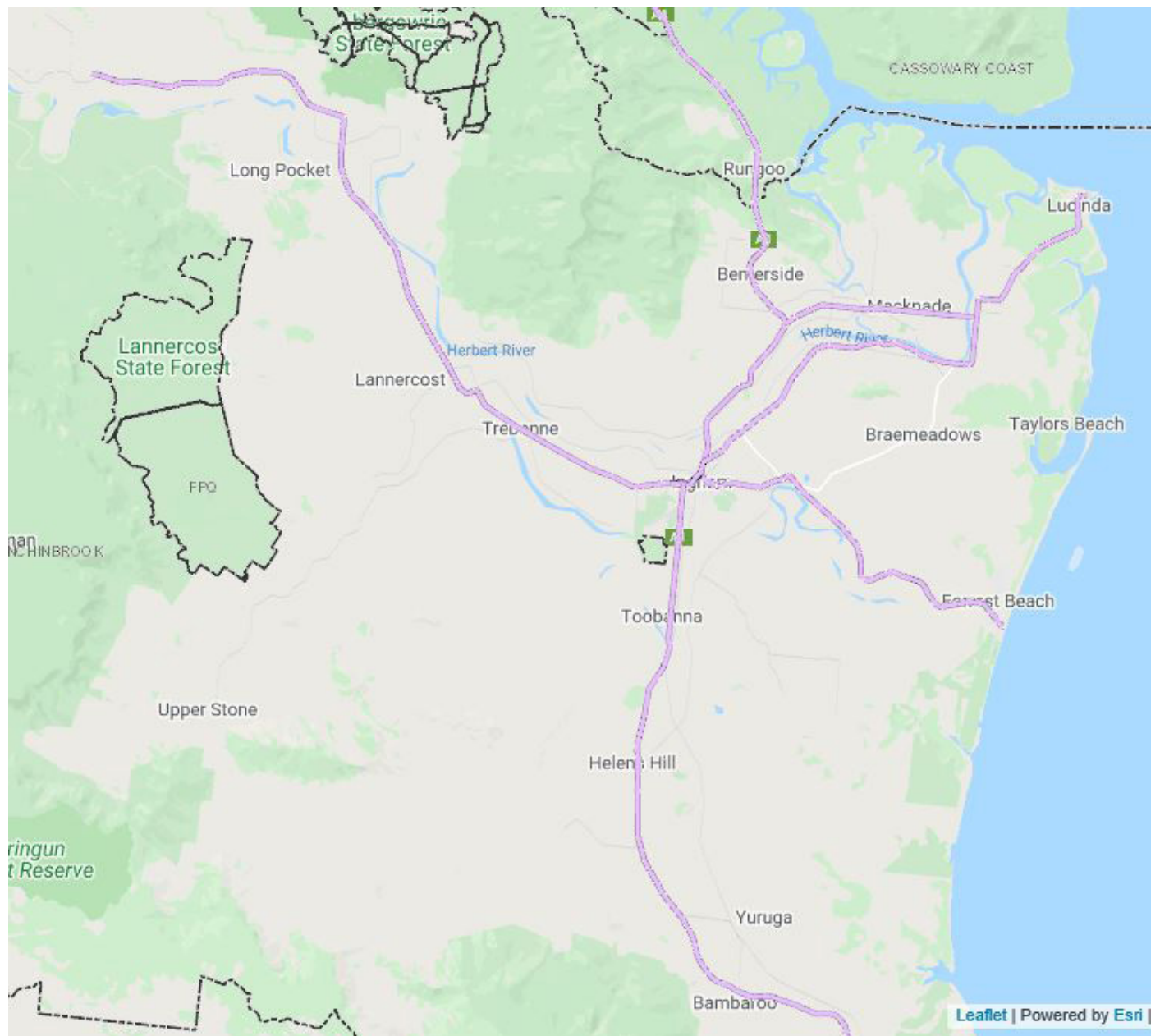
— Critical Road — Major Road



ZONE 3 COASTAL

HERBERT RIVER ROAD MAP

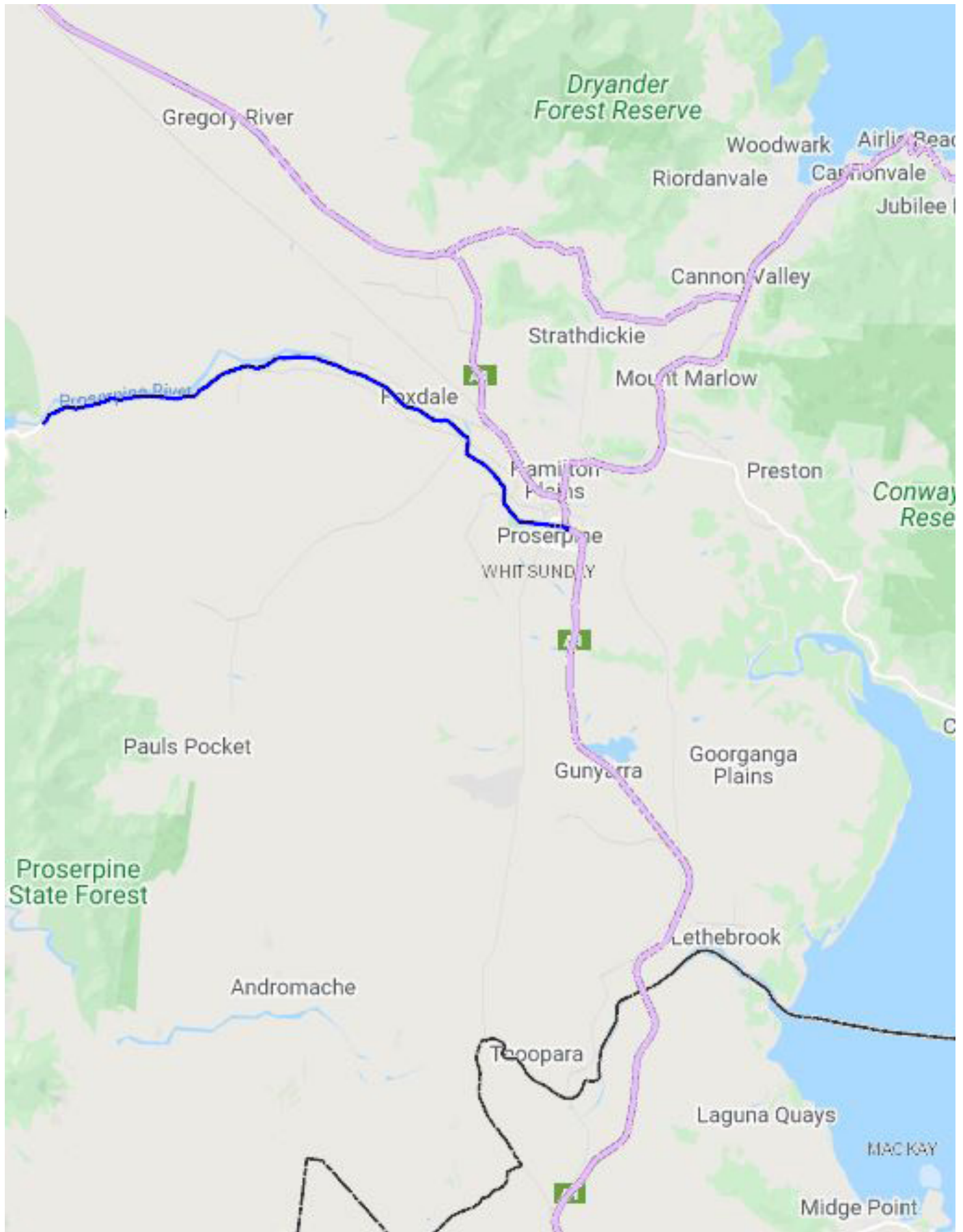
— Critical Road — Major Road



ZONE 3 COASTAL

PROSERPINE ROAD MAP

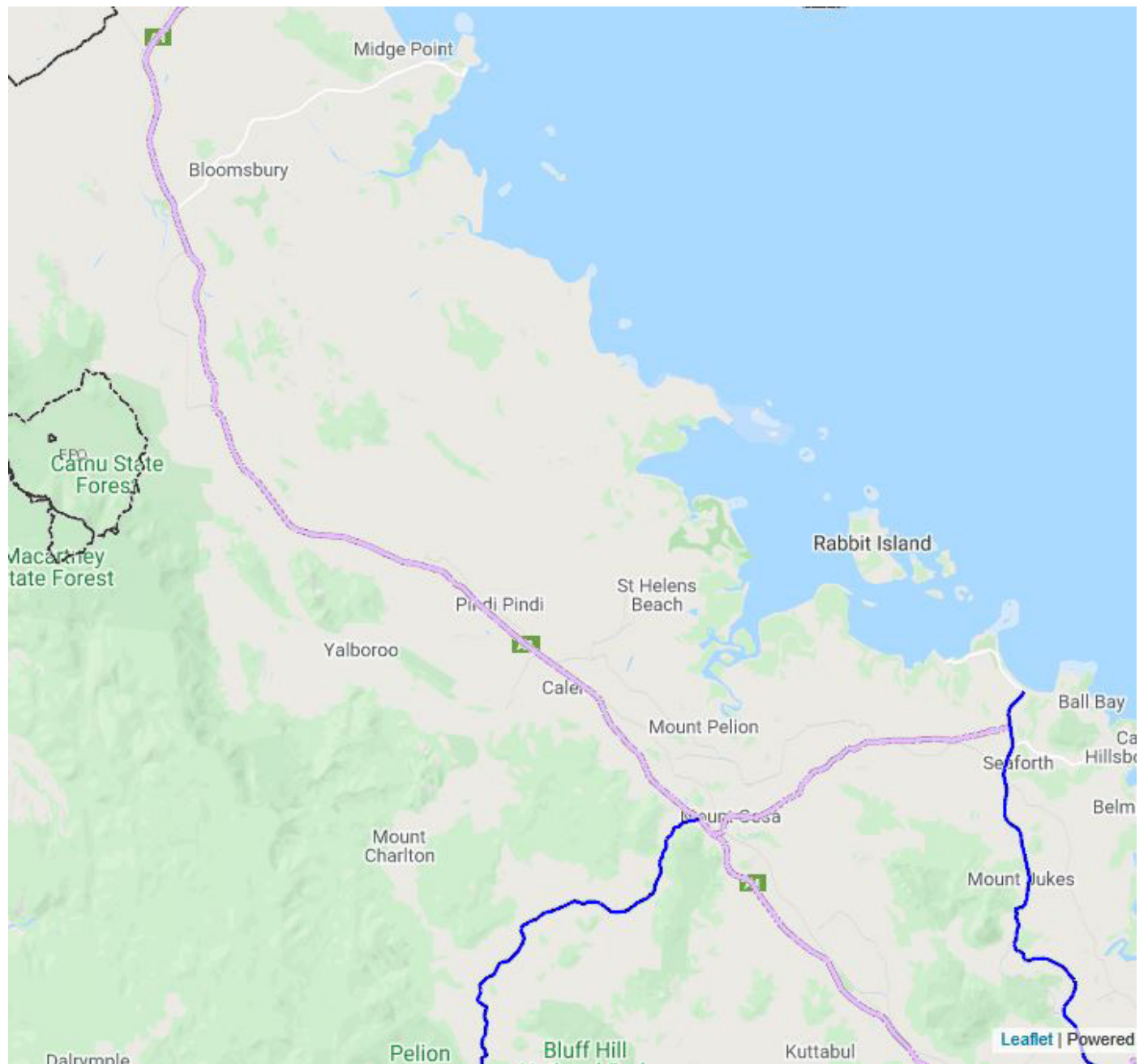
— Critical Road — Major Road



ZONE 3 COASTAL

MACKAY/PLANE CREEK ROAD MAP 1

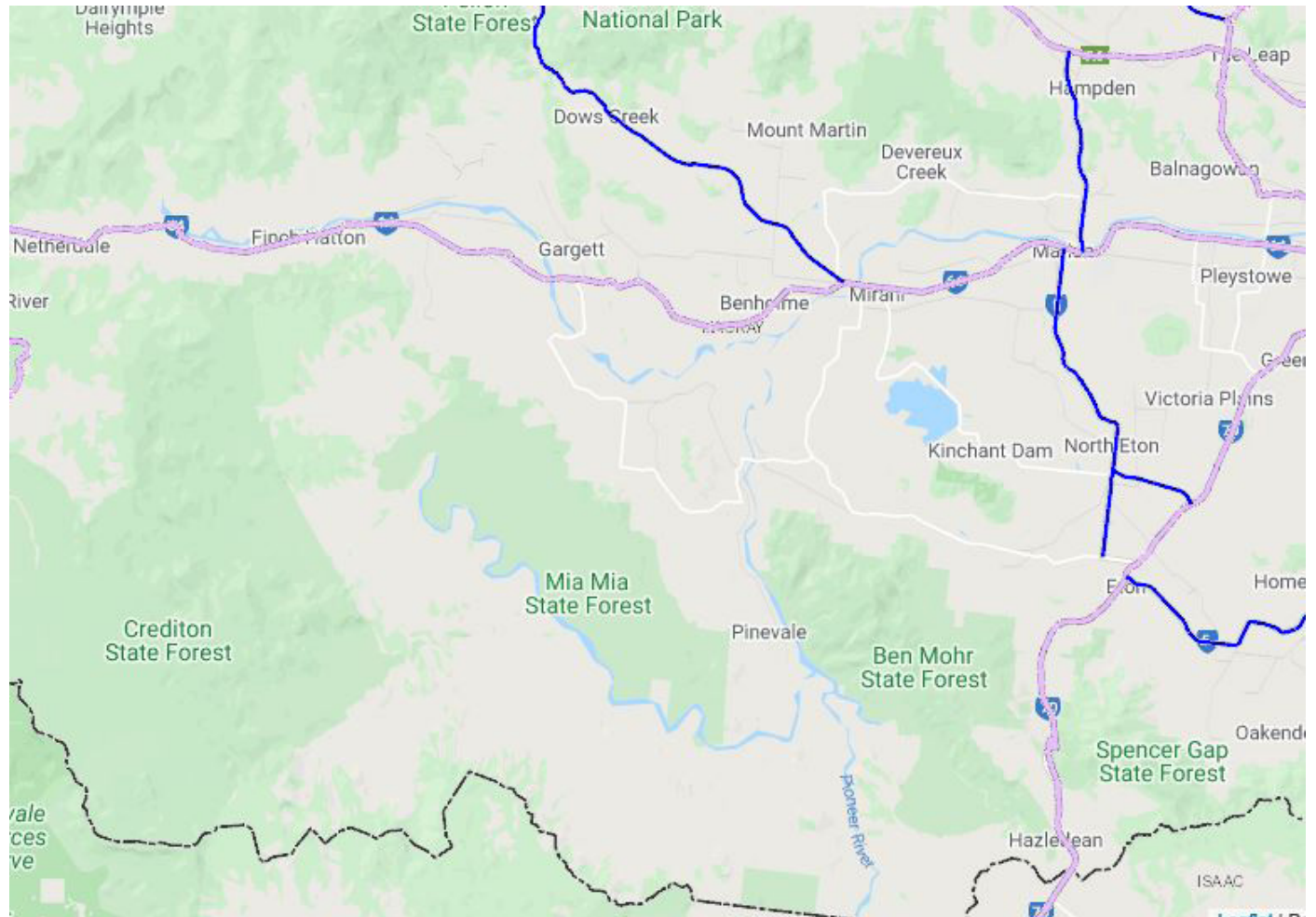
— Critical Road — Major Road



ZONE 3 COASTAL

MACKAY/PLANE CREEK ROAD MAP 2

 Critical Road  Major Road



ZONE 3 COASTAL

MACKAY/PLANE CREEK ROAD MAP 3

— Critical Road — Major Road

