

JICA
ROAD MAINTENANCE
INCEPTION REPORT
2025

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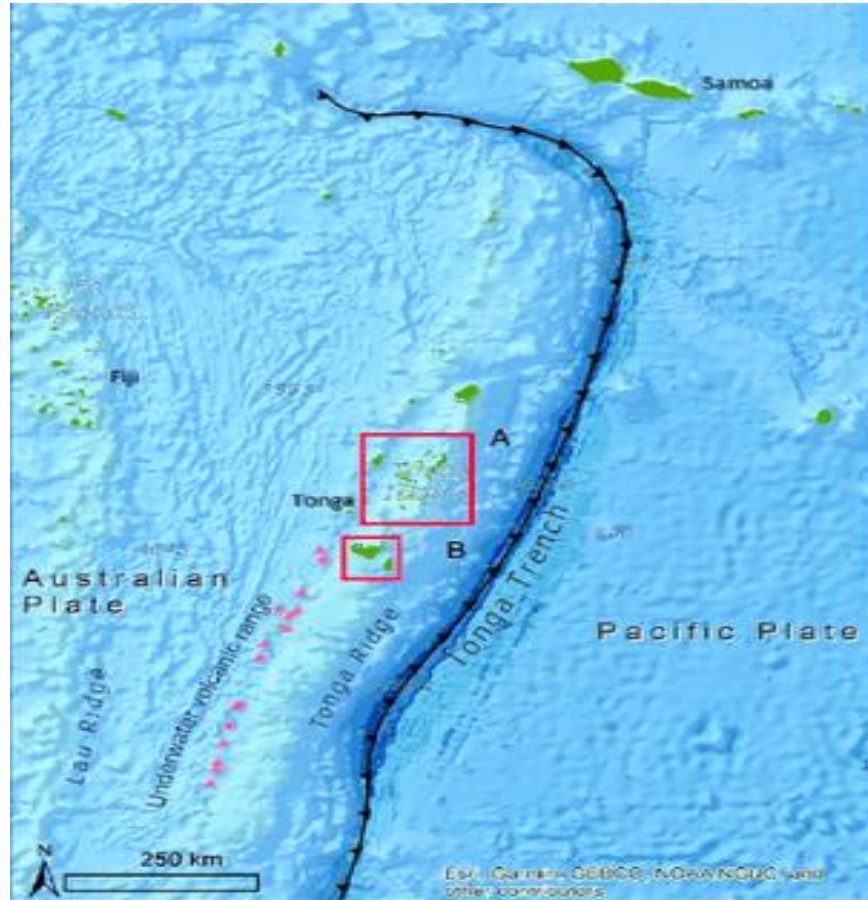
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1.Information

1.1 Personal Detail

- Name: Ane Tauki'uvea
- Nationality: Tongan



Continent	Pacific Ocean
Region	Oceania
Coordinates	20°S 175°W
Area	Ranked 174th
• Total	747 km ² (288 sq mi)
• Land	95.98%
• Water	4.02%
Coastline	419 km (260 mi)
Borders	None
Highest point	on Kao 1,033 metres (3,389 ft)
Lowest point	Pacific Ocean 0 metres (0 ft)
Exclusive economic zone	659,558 km ² (254,657 sq mi)

1. Information

1.2 Organization Role & Responsibilities.

➤ Organization – Ministry Of Infrastructure, Tonga.

➤ Roles & Responsibility.

- Responsible for maintaining, planning and developing Tonga entire Road Networks.

- Ministry ***Vision & Mission: Enabling higher economic growth that supports achievement of a prosperous Tongan economy.*** Through developing of quality (innovative, timely and evidence-based) infrastructure related policies supported by proactive deliveries of a more sustainable and resilience, safe and affordable infrastructure and transport system.

1. Information

ROAD CLASSIFICATION SUMMARY

General	Classification	Brief Description	Agricultural Road
Major	Primary (Cat1)	Significant inter-village road links with high traffic volumes	
	Secondary (Cat2)	Significant inter-village road links with moderate traffic volumes	
	Tertiary (Cat3)	Interconnecting roads between primary and secondary roads and roads of local, economic or social importance	✓
Minor	Local (Cat4)	Access to a number of minor village or urban or rural access roads	✓
	Access (Cat5)	Access to small number of individual urban or rural properties	✓

1. Information

1.2 Tonga Roads have the following major asset:

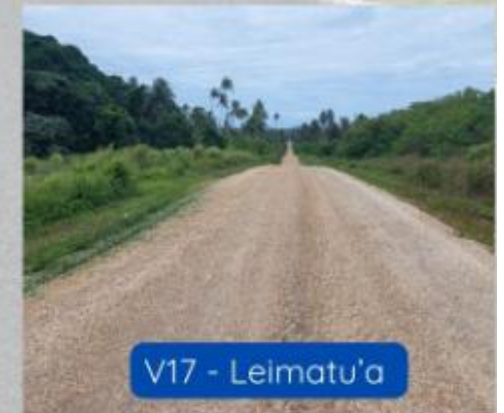
➤ Sealed Roads

- Unbound layers
- Bound layers.
- 2 Coat chip seal Finish.

➤ Unsealed Roads.

➤ Road Furniture.

- Road Signs.



1.3 Organization Structure

LAND TRANSPORT DIVISION

1. Safer Vehicles

2. Safer Road (Routine)

3. Safer Road
(Periodic)

4. Safer Road
Users

TMS

(Ana Fifita)

Quality Control

(Krishna Hansen)

Routine Maintenance

(Ane Tauki'uvea)

TCRTP

(Liuaki 'Otuva)

Asset Management

(Sione Taukei'aho)

Material Testing Laboratory

(Kasipa Paea)

Periodic Maintenance

(Sione Taukei'aho)

Fanga'uta Crossing Project

(Tiueti Fangupo)

IURTP

(Tiueti Fangupo)

Road Safety

(Hepiseipa Oko)

Road Safety Taskforce

(Hepiseipa Oko)

Administration

('Olivia Lafitani)

1. Information

1.4 Present Post

➤ Road Engineering Officer.

- Prepared, plan, design and deliver annual works program.
- * Routine Maintenances.
- * Vegetation Clearing.
- Based in the main Island, Tongatapu.
- Manage the entire Routine Maintenances works and Vegetation Clearing in the main Island (Tongatapu) and the outer Island (Vava'u Island, Ha'apai Island & 'Eua Island) as well.

2. Country Basic Information of Roads & Bridges.

2.1 Matters related to Road/Bridge Administration.

➤ Legal Requirements.

- Tonga Road Network are managed under the Tonga Road Act 2020 of it's function, roles and responsibilities.
- Other legal requirement (Traffic Act 2020) in term of legal load, vehicle type and enforcements as MOI are working together with Ministry of Police.

➤ Standards.

- Contract Administration Manual (CAM).
- MOI General Technical Specification (GTS 2014).

2.2 Periodic / Sealing FY25 – 26.

Pavement preparation

All pavement preparation works will be carried out under **force account** and shall be commencing from current date until all roads for sealing are well prepared in compliance to GTS 2014.

Sealing works delivery

Tongatapu: Sealing works will be implemented under the **framework contract**.

Eua, Ha'apai, and Vava'u: Sealing works will be delivered under **force account**.

Procuring and Mobilization

All procuring and mobilization activities are planned to complete by **November 2025**.

Sealing milestone

Tongatapu – Ongoing, complete in December 2025

Vava'u – Commence October to complete in November 2025

Ha'apai – Commence November to complete in December 2025

Eua – Commence September to complete in November 2025

TONGATAPU

KM of Roads (83 Rd's = 59.95km)

- Reseal 25.056 km (\$3.078 million TOP)
- New Seal 0.81 km (\$3.038 million TOP)

VAVAÚ

KM of Roads (36 Rd's = 19.7km)

- Reseal 13.4 km (\$1.77 million TOP)
- New Seal 2.665 km (\$0.27 million TOP)

HAÁPAI

KM of Roads (20 Rd's = 14.6 km)

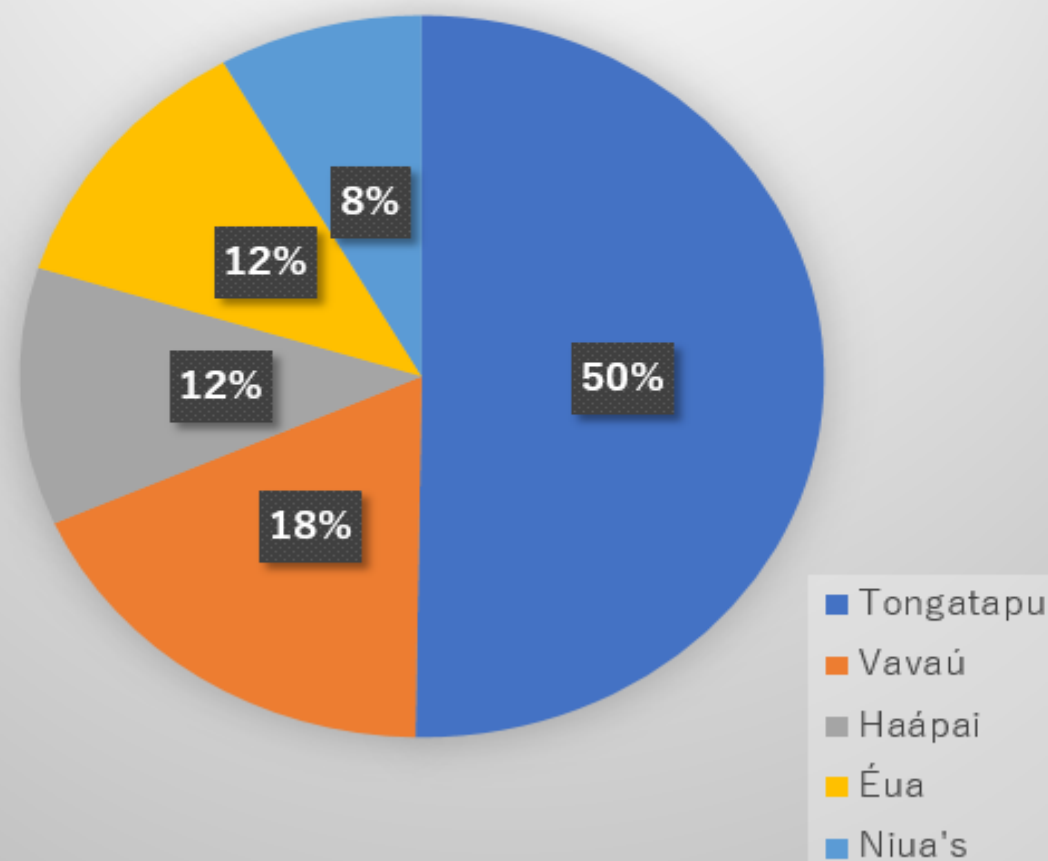
- Reseal 13.503 km (\$1.289 million TOP)
- New Seal 1.1 km (\$0.114 million TOP)

ÉUA

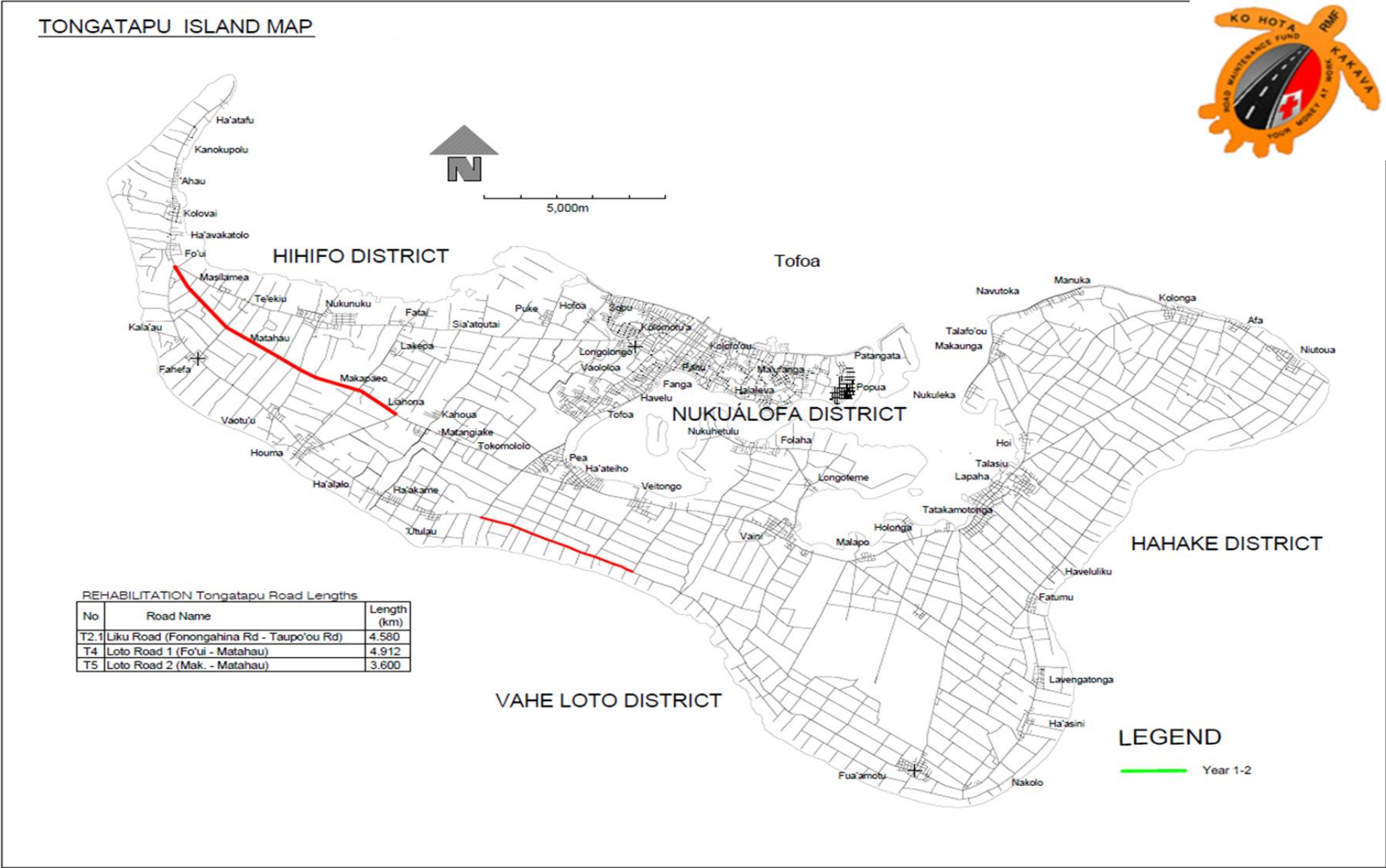
KM of Roads (32 Rd's = 15.67km)

- Reseal 0.82 km (\$0.7585 million TOP)
- New Seal 14.868 km (\$1.375 million TOP)

Budget Allocation %



2.3 Routine Maintenance Works.



No	Road name	Length (km)
V10	Vaihoh Road (Leimatua-Tefisi)	5.234
V17	Vavau 7 (VU116AGR07)	3.430
	Subtotal Rehabilitation Roads	8.664
	Vaihoh Rd 2	0.939
	Leimatua 5	0.496
	Tui Rd 2	4.78
	Leimatua - Hala'ufulu Rd	2.283
V16	Vavau 6 (VU14AGR06)	6.643
	Subtotal Maintenance Roads	15.141
	NW Other Roads	65.00

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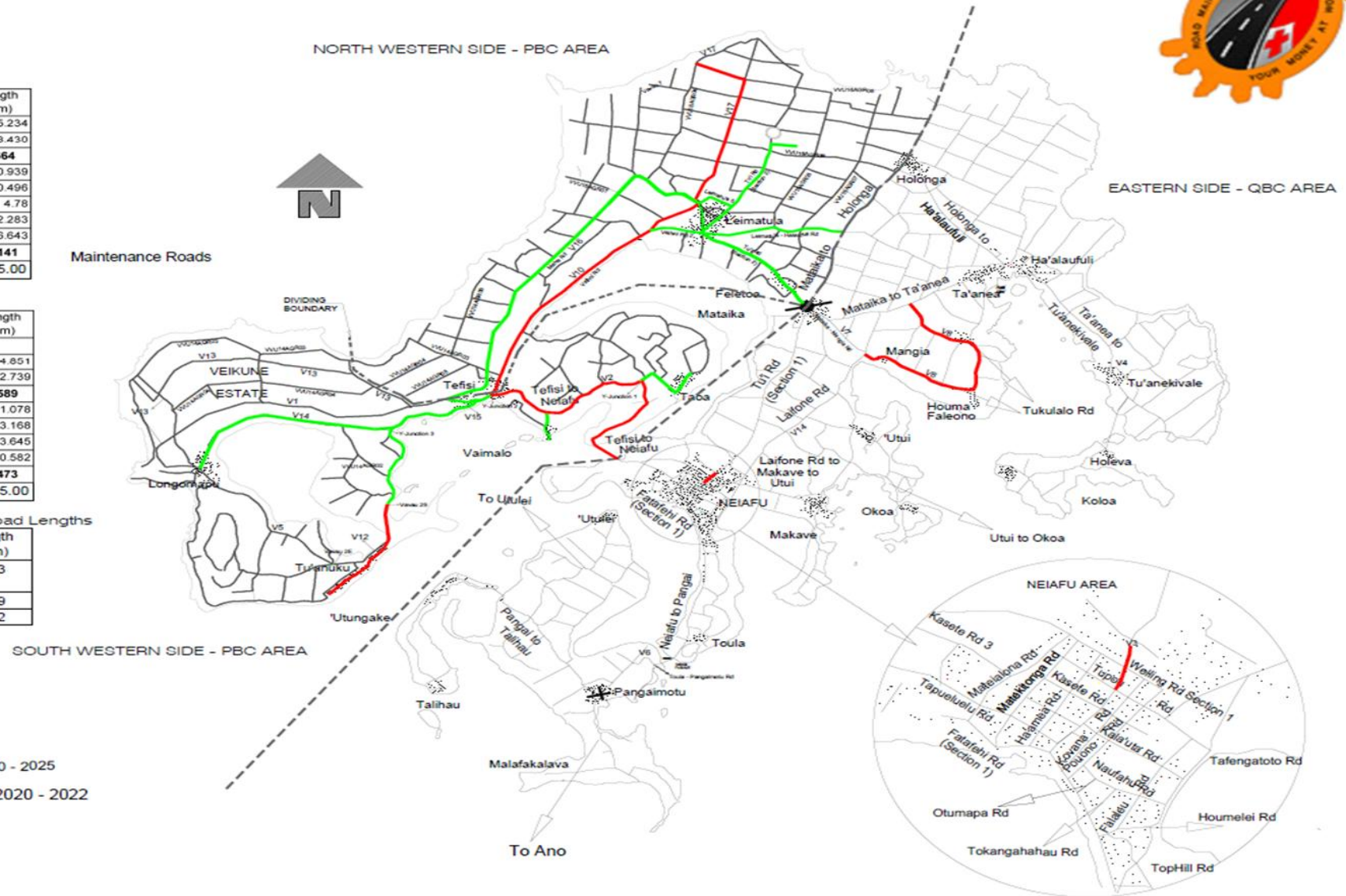
No	Road name	Length (km)
V2	Vaipua - Tefisi	4.85
V12	Vavau 2 (VU14AGR02)	2.73
	Subtotal Rehabilitation Roads	7.589
	Taoa Rd	1.07
	Tefisi - Tu'anuku	3.16
V14	Vavau 4 (VU14AGR04)	3.64
V15	Vavau 5 (VU14AGR05)	0.58
	Subtotal Maintenance Roads	8.473
	SW Other Roads	45.00

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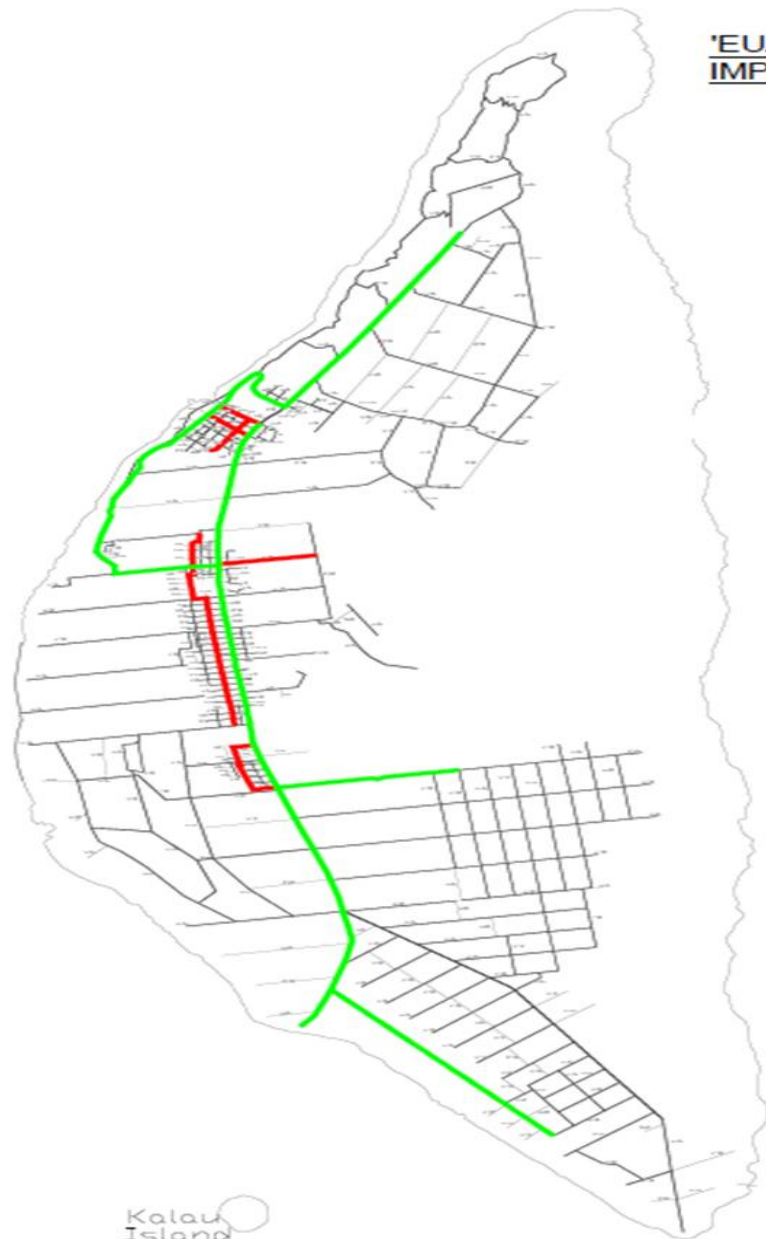
No	Road Name	Length (km)
V3	Saineha - Int Pongi Petrol Stn.	1.053
V8	Tukulalo Road	4.399
	Subtotal Rehab Rd	5.452

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— Maintenance Roads Yr 2020 - 2025
— Rehabilitation Roads Yr 2020 - 2022
— Other Roads



'EUA ISLAND MAPS - ROAD MAINTENANCE & IMPROVEMENT



Kalau
Island

No	Road name	Length (km)
E10	Ohonua 1 (EUACOM13)	0.525
E11	Ohonua 2 (EUACOM26)	0.537
E12	Ohonua 3 (EUACOM11)	0.563
E13	Angaha 1 (EUACOM106)	2.927
E17	Pangai 3 (EUACOM53)	0.556
E23	Haatua 2 (EUACOM31)	1.189
Subtotal Rehabilitation Roads		6.327
	Main Road 1 (Int. Ohonua2 - Manganima)	7.965
	Houma to Ohonua bridge	5.066
	Ohonua - Pangai	4.364
	Main Road 2.1 (Manganima - Haatua)	1.932
	Ohonua 4	0.39
	Main Road 2.2 (Haatua - Lakuta'anga)	3.85
	Manganima - Sainai	4.672
	Haatua - Telecom Str	1.6
Subtotal Routine Maintenance Roads		29.859
Other Roads		190.00

- Routine Maintenance Roads Yr2020-2025
- Rehabilitation Roads Yr2020-2022
- Other Roads

LAND TRANSPORT DIVISION ANNUAL ROAD MAINTENANCE



FOA ISLAND

Faleofo

Lotofofo

Fotua

Fangale'ounga

Kabuta

Holomaka

Navea

LIFUKA ISLAND

Hihifo

Holoto'u

Legend

- Priority 1
- Priority 2
- Priority 3
- Unsealed Roads

Road Names	Distance (km)
Victoria Rd	0.28km
Wharf Rd	0.30a
Fau Rd	0.58km
Palaka Rd	0.53km
Maulukau Rd	0.28km
Fau Rd to Maulukau Rd	0.38km
Falekoku Rd	0.41km
Fau Rd to Falekoku Rd	0.46km
Makelakone Rd	0.36km
Palato Rd	0.37km
Pango 5	0.32km
Hihifo 1	1.8km
Hihifo 2	0.38km
Hihifo 3	0.36km
Road Names	Distance (km)
Holomaka Rd (Section 4)	1.4km
Foa Quay	1km
Road Names	Distance (km)
Fotua 1	1.9km
Pango 1	0.68km
Pango 2	0.62km
Pango 3	0.32km
Pango 4	1.41km
Hihifo 4	1.36km

2.4 Tonga Road Maintenance Fund.

Purpose of the Fund is to Finance	Source of Funds
<ul style="list-style-type: none">a) Routine and periodic maintenance of all classified roads under the justification of the Ministry of Infrastructure.b) Road safety projectsc) A limited amount of specific maintenanced) A limited amount of road upgrading and rehabilitatione) Administration and overheads to manage the account andf) Audit of account, procedures used and technical audits to check for achievement of value for money.	<ul style="list-style-type: none">a) Portion of Vehicle license feesb) Portion of Fuel excise taxc) Portion of Traffic infringement/fines imposed and collectedd) Any other road user charges and funding that may from time to time be allocated by the Government.e) Any other Government and Donor funding allocated from time to time.
Administration of the Fund Refer Road Act 2020 Contract Administration Manual (CAM) MOI General Technical Specification	Withdrawal of Funds Procedure Refer Road Act 2020
Authorized Expenditure Refer Road Act 2020	

3. Individual Focus.

3.1 Issues faced in the organization (Technical or Administrative)

- Shortage of qualified engineers and technical specialist to perform Technical function.
- Lack of Essential Technical System.
- Weakness in quality of the project preparedness and execution.
- Lack of development for local Contractors and Consultants.

3. Individual Focus

3.2 – Expectation to the KCCP program for solving issues.

Technical / Administrative

- Lack of Essential Technical Systems.
 - Understanding what Technical / Road Assets Management System that Japan currently using for it's monitoring and management of assets, and how it can be applied in organization. Also how that systems is used to determine budget allocation.
- Specialized Skill training.
 - Understanding Japan's system and trainings that are available and also possible continuous future exchange programs for specific issues.
- Development of Local Contractors and Consultants..
 - Understanding what models Japan use to develop it's local Contractors and Consultants.

3. Individual Focus

3.3 Proposed Themes for Action Plan

- Road Asset Management Systems / Technical Systems.
 - Study the current Japan system and adopt or improve in organization.
- Road Maintenance Systems and Process.
 - Study Japan current Process to adopt and improve processes in organization.
- Upskilling & Knowledge sharing.
 - How this can be applied within the organization.
 - How this can be applied outside the office as for the local Contractors and Consultants.
 - Understanding the model that Japan using for Upskilling and knowledge sharing.

MALO 'AUPITO

THANK YOU.

