



THE PARLIAMENT OF THE REPUBLIC OF FIJI

RESPONSE TO WRITTEN QUESTIONS

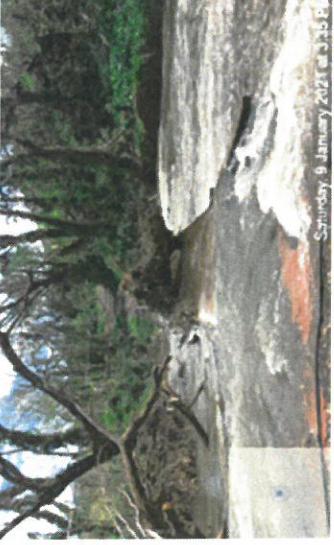
47/2021 Hon. Mitieli Bulanauca to ask the Minister for Infrastructure, Meteorological Services, Lands and Mineral Resources –

Can the Minister update Parliament on the Ministry's programme to rehabilitate and maintain roads and bridges damaged by Tropical Cyclone Yasa and Tropical Cyclone Ana.

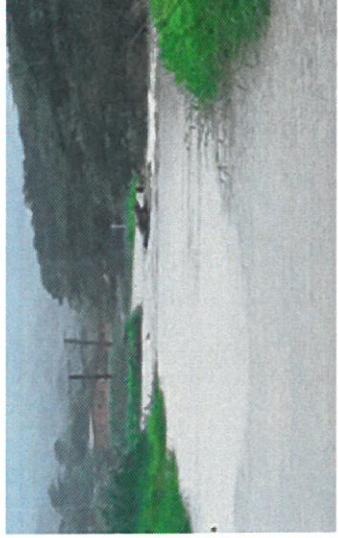
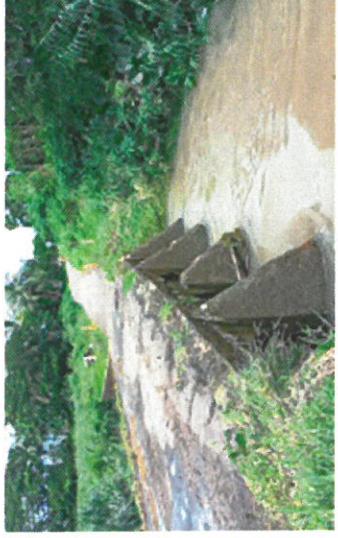
A detailed programme of works to be undertaken is attached as Annex 1.

End.

WORK PROGRAMME OF CYCLONE REHAB WORKS TO BE UNDERTAKEN

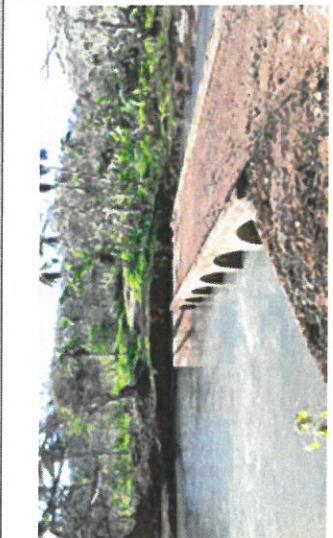
Road Name	Asset Type	Location (km)	Status of Damage/Recommendation	Photo	Cost	Construction Duration
Zone 1 - Labasa						
Nayarabale Road	Bridge – Low level Crossing Nayagalevu	11.037km	<p>Status: Approaches on both sides damaged and being continually washed out by flood waters. Deck rebar exposed. Backfill on abutment washed out. Condition of superstructure has surpassed its lifespan.</p> <p>Recommendation: Construct new crossing (12m)</p>		3 – 4 months	
Coqeloa Road	Bridge – Low Level Crossing Qeleimumu	8.416km	<p>Status: Approaches on both sides continually washed by flood waters.</p> <p>Recommendation: Extend approaches both ends to prevent washouts</p>		3 weeks	

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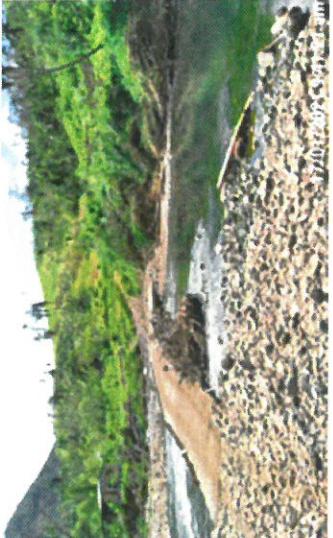
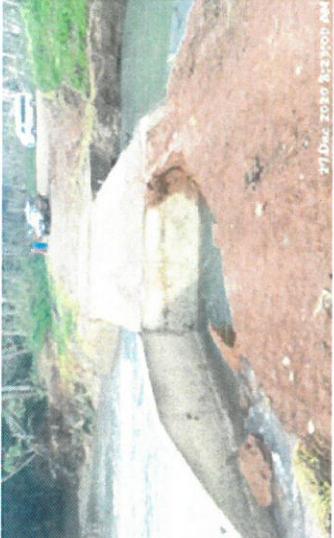
Navakuru Road	Bridge – Low level Crossing Wairiki/Navakuru	0.081km	Status: Approaches on both sides damaged and being continually washed out by flood waters. Deck rebar exposed. Backfill on abutment washed out. Condition of superstructure has surpassed its lifespan. Cracks visible on concrete. Recommendation: Construct new crossing (10m)		2 – 3 months
Urata Road	Bridge – Low level Crossing Urata	0.173km	Status: Approaches on both sides continually washed by flood waters. Recommendation: Extend approaches both ends to prevent washouts		2 weeks
Qawa Road	Bridge – Low level Crossing Qawa	0.068km	Status: Approaches on both sides damaged and being continually washed out by flood waters. Deck rebar exposed. Backfill on abutment washed out. Condition of superstructure has surpassed its lifespan. Cracks visible on concrete. Recommendation: Construct new crossing (15m)		4 – 5 months

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Bulileka Road	Bridge – Low Level Crossing Dreketilailai	8.667km	Status: Approaches on both sides continually washed by flood waters.	Recommendation: Extend approaches both ends to prevent washouts		2 weeks
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Road Name	Asset Type	Location (km)	Status of Damage/Recommendation	Photo	Cost	Construction Duration
Zone 2 - Natua						
Lutukina Road	Bridge – Low level crossing Lutukina	2.606km	Status: Width of river has extended due to TC Yasa hence approach has been washed out		2 months	

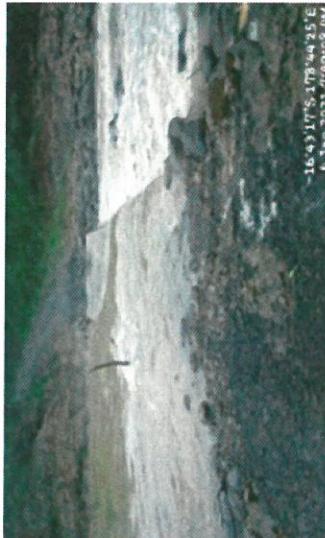
WORK PROGRAMME OF CYCLONE REHAB WORKS TO BE UNDERTAKEN

Drawa Village Road	Bridge – Low level crossing Drawa	0.774km	Status: Approaches on both sides damaged and being continually washed out by flood waters. Deck rebar exposed. Backfill on abutment washed out. Condition of superstructure has surpassed its lifespan. Cracks visible on concrete. Recommendation: Construct new crossing (25m)		7 months
Narailagi Road	Bridge – Low level crossing Narailagi	1.835km	Status: Width of river has extended due to TC Yasa hence approach has been washed out Recommendation: Crossing to be extended to suit the current river width		1.5 months
Namuavoivoi Road	Bridge – Low level crossing Namuavoivoi 1	8.528km	Status: Approach washed out and rip rap wall damaged Recommendation: Extend bridge deck and repair rip rap wall		1 month

WORK PROGRAMME OF CYCLONE REHAB WORKS TO BE UNDERTAKEN

Namuavoivoi Road	Bridge – Low level crossing Namuavoivoi 2	10.504km	Status: Complete Washout of structure Recommendation: Construct new crossing (22m)		6 months
Namuavoivoi Road	Bridge – Low level crossing Sigawe	13.983km	Status: Current state of crossing is underwater and badly deteriorated. Recommendation: Construct new crossing (20m)		6 months
Namuavoivoi Road	Bridge – Low level crossing Dawacumu	24.101km	Status: Approaches on both sides damaged and being continually washed out by flood waters. Deck rebar exposed. Backfill on abutment washed out. Condition of superstructure has surpassed its lifespan. Cracks visible on concrete. Recommendation: Construct new crossing (20m)	 <small>Dawacumu Crossing, Namuavoivoi Rd Tue, January 19, 2021 04:55pm</small>	6 months

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Korokadi Road	Bridge – Low level crossing Banikaea	5.732km	Status: Approaches on both sides damaged and being continually washed out by flood waters. Deck rebar exposed. Backfill on abutment washed out. Condition of superstructure has surpassed its lifespan. Cracks visible on concrete. Recommendation: Construct new crossing (15m)	 -16.41175,178.44254 6 Jan 2022 17:49:08 Etc  -16.41176,178.42244 Altitude: 23.1m Speed: 42.1km/h 52° @ -2°C 15 Jan 2022 17:05:56 PM	4 – 5 months
Nabouwalu Road	Bridge Nakadrudru	93.547km	Status: Damage to railings and guard rails Recommendation: Fabrication and installation of damaged sections	 -16.41176,178.42244 Altitude: 23.1m Speed: 42.1km/h 52° @ -2°C 15 Jan 2022 17:05:56 PM	2 weeks
Nabouwalu Road	Bridge - Low level crossing Ram Singh	163.07km	Status: Approaches on both sides continually washed by flood waters. Deck rebar exposed. Backfill on abutment washed out. Condition of superstructure has surpassed its lifespan. Cracks visible on concrete. Recommendation: New crossing construction (12m)	 -16.41176,178.42244 Altitude: 23.1m Speed: 42.1km/h 52° @ -2°C 15 Jan 2022 17:05:56 PM	3 – 4 months

WORK PROGRAMME OF CYCLONE REHAB WORKS TO BE UNDERTAKEN

Nabouwalu Road	Bridge - Low level crossing Korolevu	166.80km	Status: Approaches on both sides continually washed by flood waters. Deck rebar exposed. Backfill on abutment washed out. Condition of superstructure has surpassed its lifespan. Cracks visible on concrete.		7 months
Nabouwalu Road	Bridge - Low level crossing Saolo	169.97km	Status: Approaches on both sides continually washed by flood waters. Deck rebar exposed. Backfill on abutment washed out. Condition of superstructure has surpassed its lifespan. Cracks visible on concrete.		3 – 4 months
Nabouwalu Road	Bridge - Low level crossing Nasawana	160.05km	Status: Approaches on both sides continually washed by flood waters. Recommendation: Extend approaches both ends to prevent washouts		2 weeks

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Nabouwalu Road	Bridge - Low level crossing Nakawakawa	171.05km	Status: Approaches on both sides continually washed by flood waters. Deck rebar exposed. Backfill on abutment washed out. Condition of superstructure has surpassed its lifespan. Cracks visible on concrete.		6 months
Nabouwalu Road	Bridge - Low level crossing Nabunikadamu	172.03km	Status: Approaches on both sides continually washed by flood waters. Deck rebar exposed. Backfill on abutment washed out. Condition of superstructure has surpassed its lifespan. Cracks visible on concrete.		3 – 4 months
Nabouwalu Road	Bridge - Low level crossing Daria Bridge	176.51km	Status: Approaches on both sides continually washed by flood waters. Deck rebar exposed. Backfill on abutment washed out. Condition of superstructure has surpassed its lifespan. Cracks visible on concrete.		6 months

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Kubulau Road	Bridge - Low level crossing Kilaka Bridge	33.88km	Status: Approaches on both sides continually washed by flood waters. Recommendation: Extend approaches both ends to prevent washouts		2 weeks
Naviqiri Road	Bridge - Low level crossing	7.518km	Status: Abutment backfilled washout with underslip scouring Recommendation: Extend approaches both ends to prevent washouts and rip rap protection		2 weeks
Naviqiri Road	Culvert Washout	3.497km	Status: Abutment backfilled washout with underslip scouring Recommendation: Extend approaches both ends to prevent washouts and rip rap protection		1 day