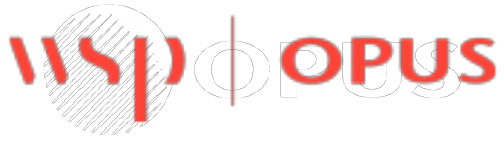


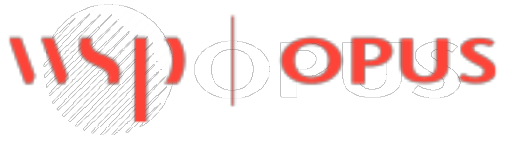
Where the  
Streets  
Have no  
Name





# Where the streets have no name

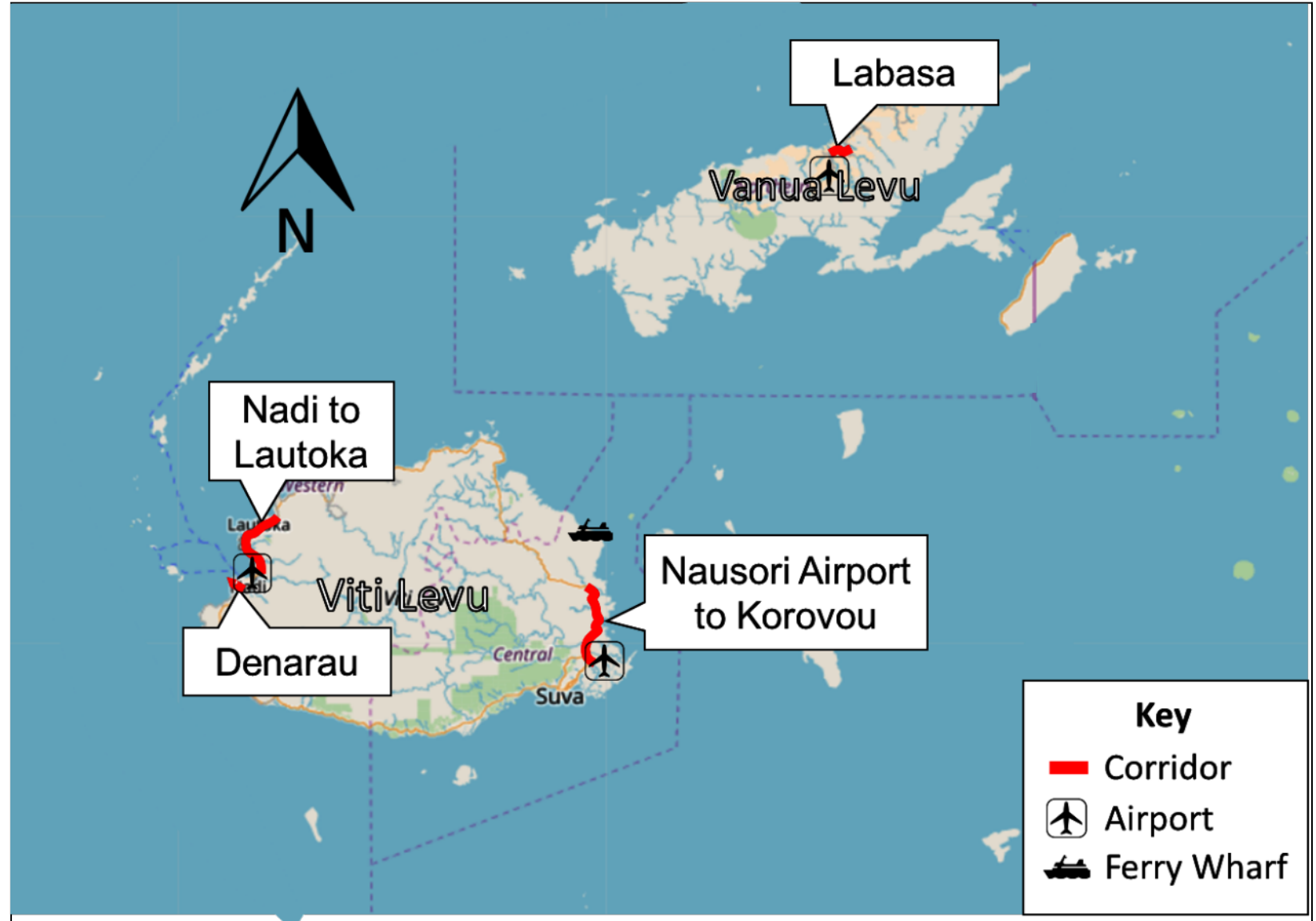
**Fiji Transport Corridor Studies 2016**  
**Chris Baker, Transport Engineer, WSP Opus**



# Background

- 1. Background**
- 2. Data Gathering**
- 3. Issues and Objectives**
- 4. Recommendations**
  - **Corridor-specific**
  - **Policy and governance**

# Study Areas

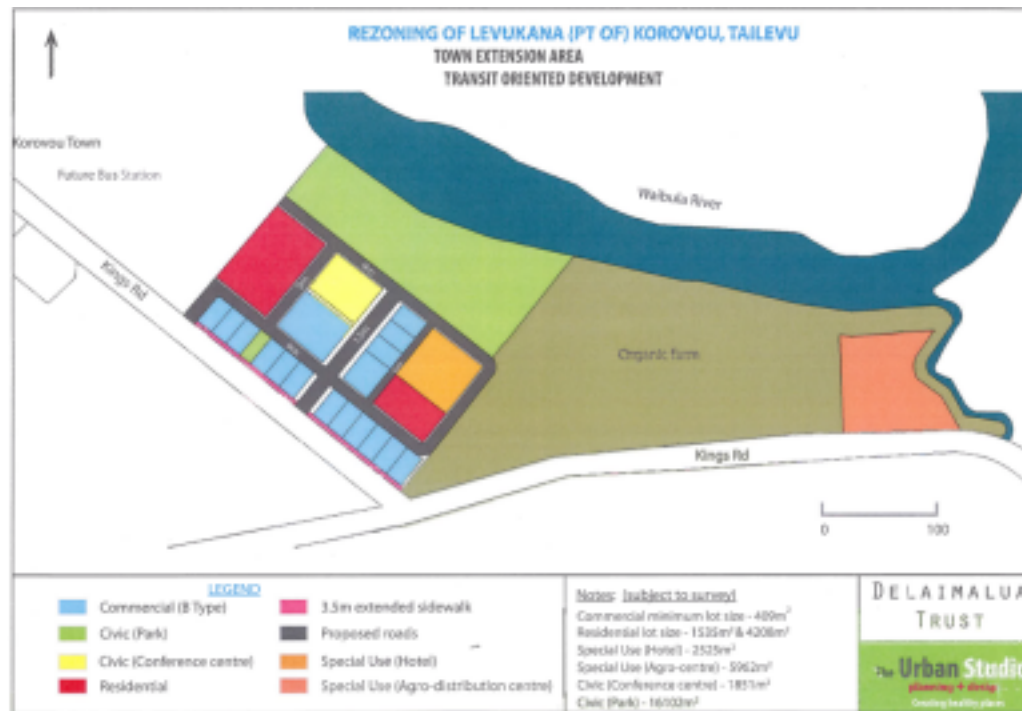


# Data Gathering

1. Background
2. **Data Gathering**
3. Issues and Objectives
4. Recommendations
  - Corridor-specific
  - Policy and governance

# Data Gathering

## Planning Information – Variable Quality and Currency



# Data Gathering

## Crash Records



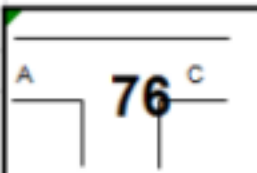
2010-02-17T00:00:00	2:45:00	1	VICTIM IS A LUNATIC WAS BUMP BY V1
2010-06-05T00:00:00	4:00:00	0	V1 FELT OFF TO SLEEP & HE DRUNK
2010-11-19T00:00:00	17:25:00	1	PED AT FAULT
2013-07-24T00:00:00	17:30:00	1	THE DRIVER WAS TRAVEL IN A SPEED & SUDDENLY PEDESTRIAN JUMPED OUT OF THE RD

# Data Gathering

## Turning Counts



2008 Count

	Kings/Namara Rd Junction						OK		
	A		B		C		DEC_76A	DEC_76B	DEC_76C
	↑	↗	↖	↗	↖	↑	A	B	C
MCycles	0	0	0	0	0	0	0	0	0
Cars&Taxis	92	5	8	1	1	98	203	15	192
Vans & 4x4	222	5	7	3	1	227	461	16	453
Light Trucks	46	4	5	0	0	41	96	9	87
Medium Trucks	21	1	3	0	0	26	51	4	47
Heavy Trucks	48	0	0	0	0	27	75	0	75
Buses	30	1	1	0	0	28	60	2	58
Total	459	16	24	4	2	447	946	46	912

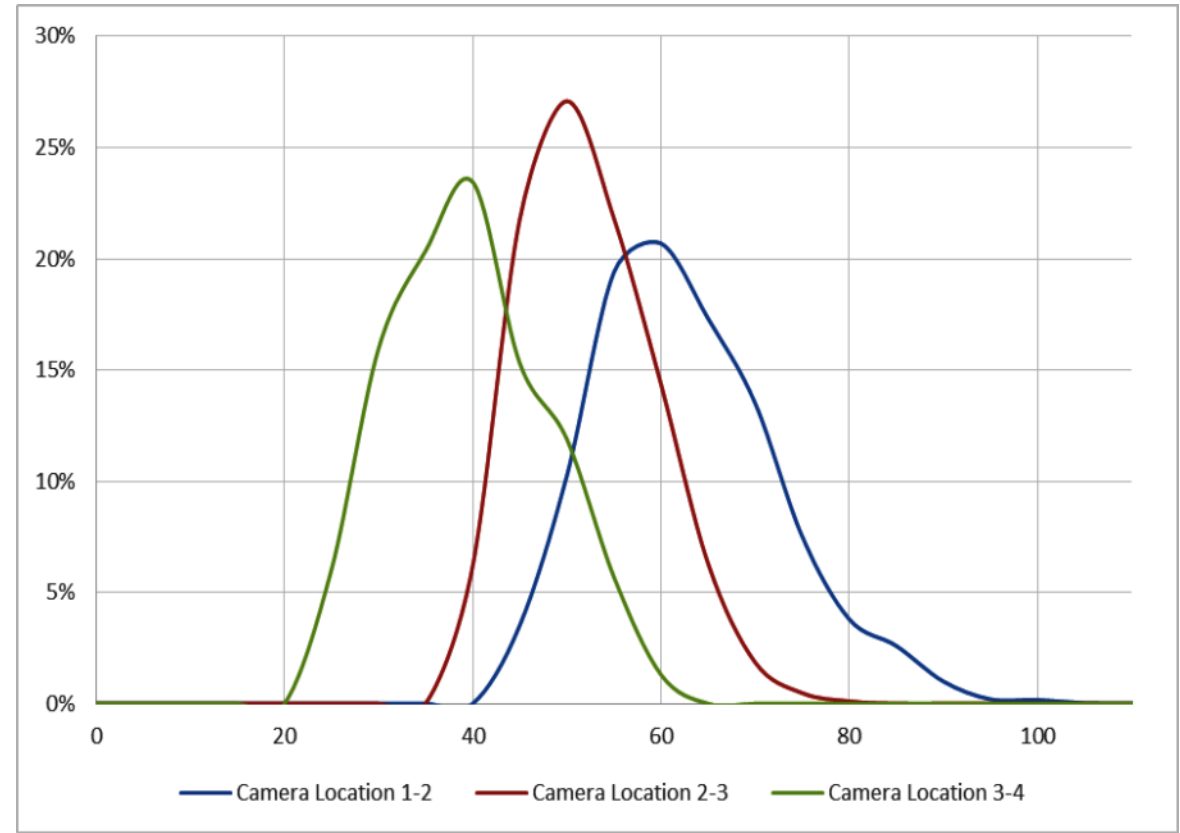
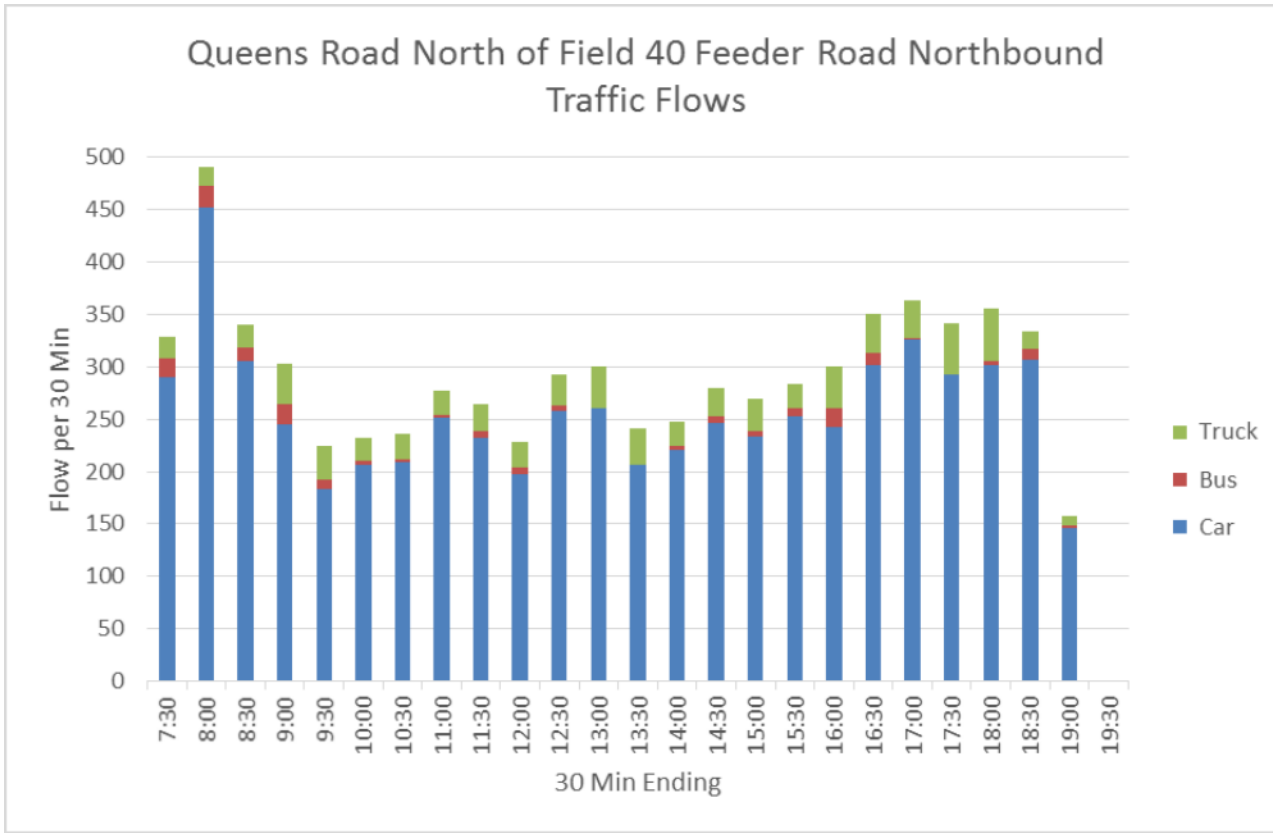
OK		
DEC_76A	DEC_76B	DEC_76C
A	B	C
4	5	1
142	28	116
286	20	266
70	5	69
8	0	8
10	0	10
44	2	42
564	60	512

2012 Count



# Data Gathering

## Traffic Data



# Data Gathering

**Kings Road,  
Nausori**



**Physical Data**



**Labasa Bus  
Station**

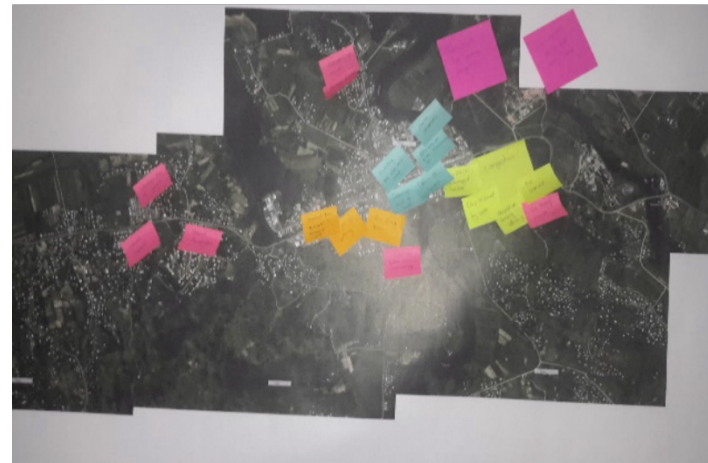


**DIY Edge markers,  
near Korovou**



**Landscaped  
Roundabout,  
Lautoka**

# Stakeholder Workshops





# Issues and Objectives

1. Background
2. Data Gathering
3. **Issues and Objectives**
4. Recommendations
  - Corridor-specific
  - Policy and governance

# Issues and Objectives

## Road Safety



Roadside Stall



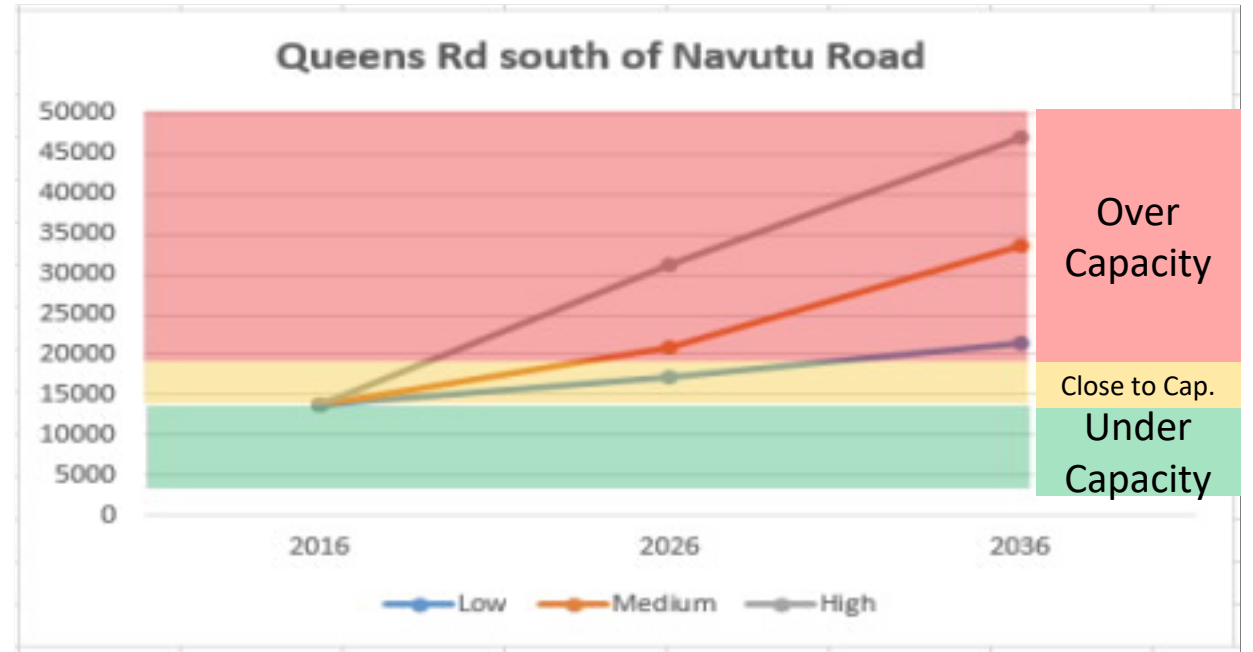
Zebra Crossing,  
Denarau Road



Police Enforced Speed Limit, Fiji  
National University

# Issues and Objectives

## Growth / Capacity



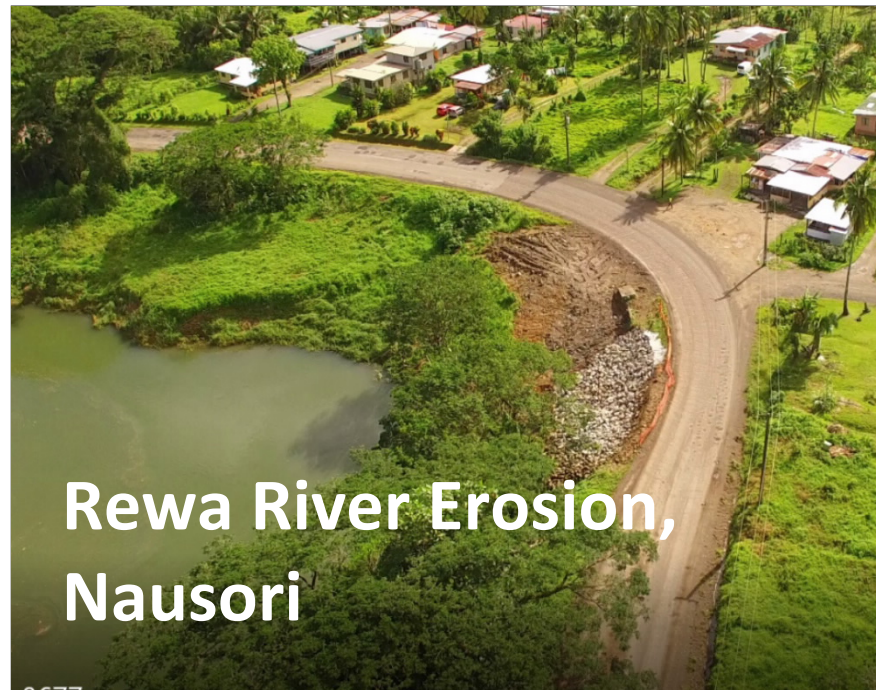
# Issues and Objectives

## Resilience

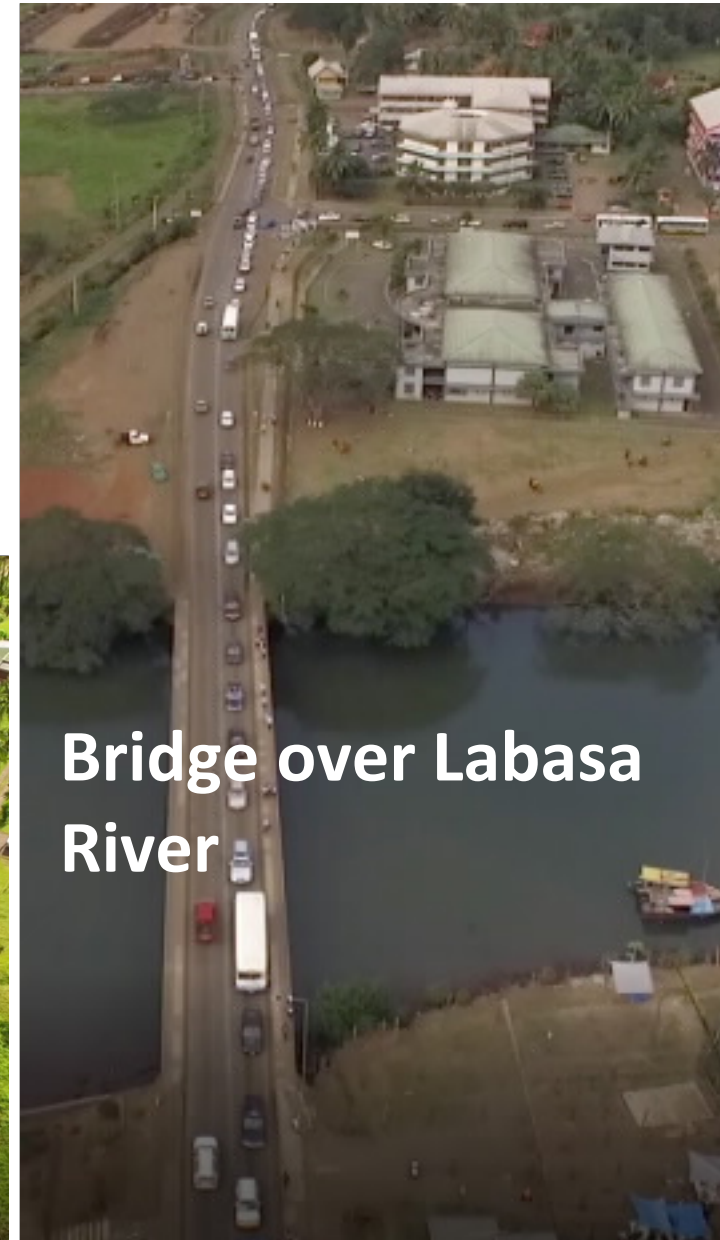
Nadi Floods, Feb 2017



Rewa River Erosion,  
Nausori



Bridge over Labasa  
River



# Issues and Objectives

## Freight

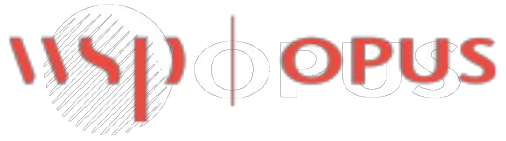




# Issues and Objectives

## Public Transport





# Recommendations

1. Background
2. Data Gathering
3. Issues and Objectives
4. **Recommendations**
  - Corridor-specific
  - Policy and governance

# Recommendations Labasa



# Recommendations Nadi-Lautoka



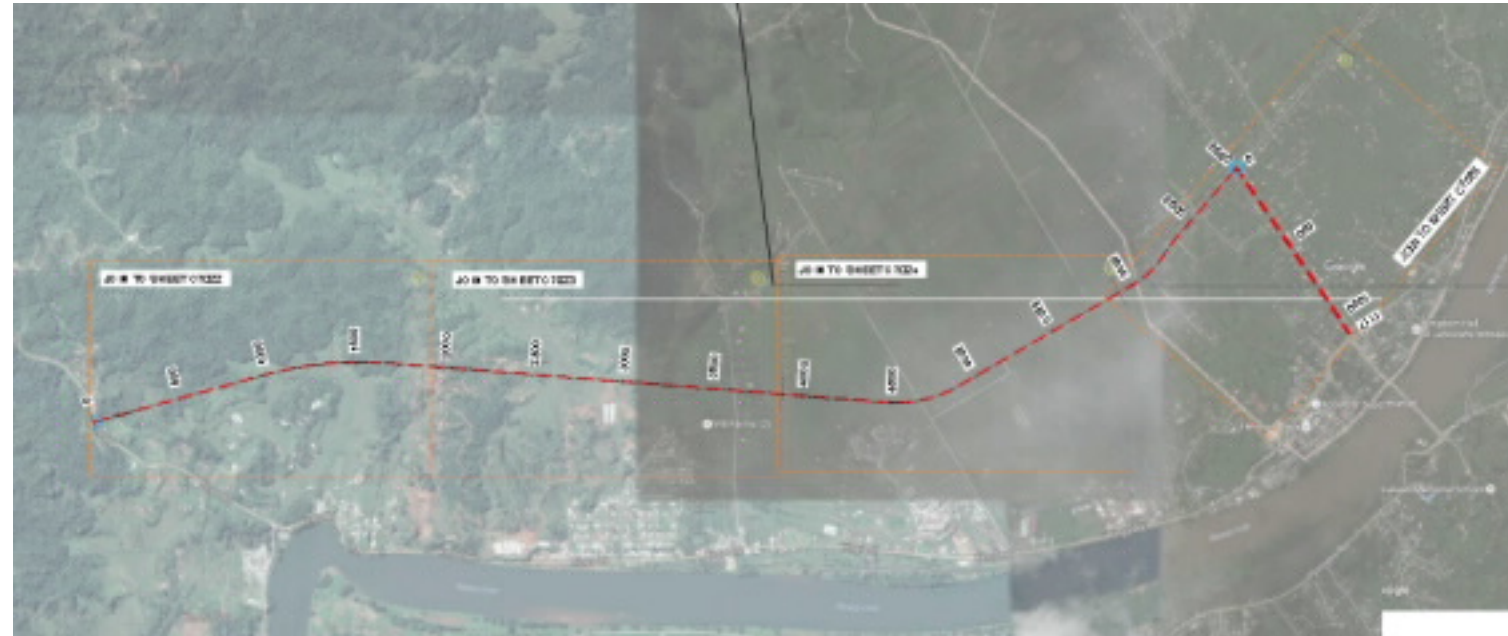
# Recommendations Nausori-Korovou



Figure 7-3 Proposed Pedestrian Crossing Improvements



Figure 7-2 Existing and Proposed Footpaths on Kings Road



# Recommendations Denarau Road



# Recommendations 5 Policy and Governance

- Urban development Limits
- Road name, destination and tourist signing strategy
- Truck dimension and weight limit enforcement
- Annual traffic flow monitoring
- Road side stalls
- Roadside tree planting
- Undergrounding of power lines
- Bus stops and facilities
- Review plan every five years



# Conclusions and Questions for You

Fiji transport issues largely similar to NZ

Improvements to bus infrastructure and walking and cycling facilities recommended – but major investment items were bigger better roads.

Questions:

- If this project was in NZ, would there be different outcomes?
- Should Fiji concentrate resources toward developing a more sustainable transport system?
- Is that realistic?



# Thank you - Vinaka

Ref #	Intersection	Design Notes
1	Cane rail intersection west	Seal widening required; uncertain about property boundary. RTB would be directly in front of the house to the North. Accommodate the cane rail crossing during construction
2	Un-named Road	Tight geometry, seal widening required; uncertain about property boundary, may benefit from some realignment on the side road.
3	Un-named Road	Houses located <u>in close proximity</u> of the road so may have additional complexity around land purchase.
4	Un-named Road	Limited shoulder width and seal widening required
5	Un-named Road	Limited shoulder width and seal widening required
6	Un-named Road	Limited shoulder width and seal widening required
7	Un-named Road	Existing island to channelize the intersection on side road. Speed limit reduced to 40kph on main road. Current Right turns probably hard to perform because of the channelization