

KK Coastal Pedestrian Walkway & Cycleway from Tg. Aru to UMS

Project Title : Pedestrian Walkway & Cycleway from Tg. Aru to UMS

GNI : RM 0 m

Invest : RM 35 m
(Public Investment)

Jobs : 200

Project Description :

- Provision of safe pedestrian walkway & cycleway with total length of 24km from Tg. Aru to UMS passing thru CBD and heritage sites i.e. Australian Place, Atkinson Tower.
- To promote environment friendly and cultural heritage of Kota Kinabalu



Challenges

- Land availability for walkway & cycleway
- Underground utilities
- Congested traffic/bottleneck at Sinsuran and Kg. Air area.

Enablers Required to make it happen

-

Key outcome / benefit of this project

- Encourage recreational activities for local community and visitor
- Provide connectivity for local community and visitor from Tg. Aru to UMS, Likas via CBD
- Promote healthy lifestyle

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Why do we need to spend RM35m for Pedestrian Walkway & Cycleway? Is it important to Greater KK?



Transportation

- Reduce traffic congestion and parking requirement

Health

- Prevent and control detrimental health condition

Economics

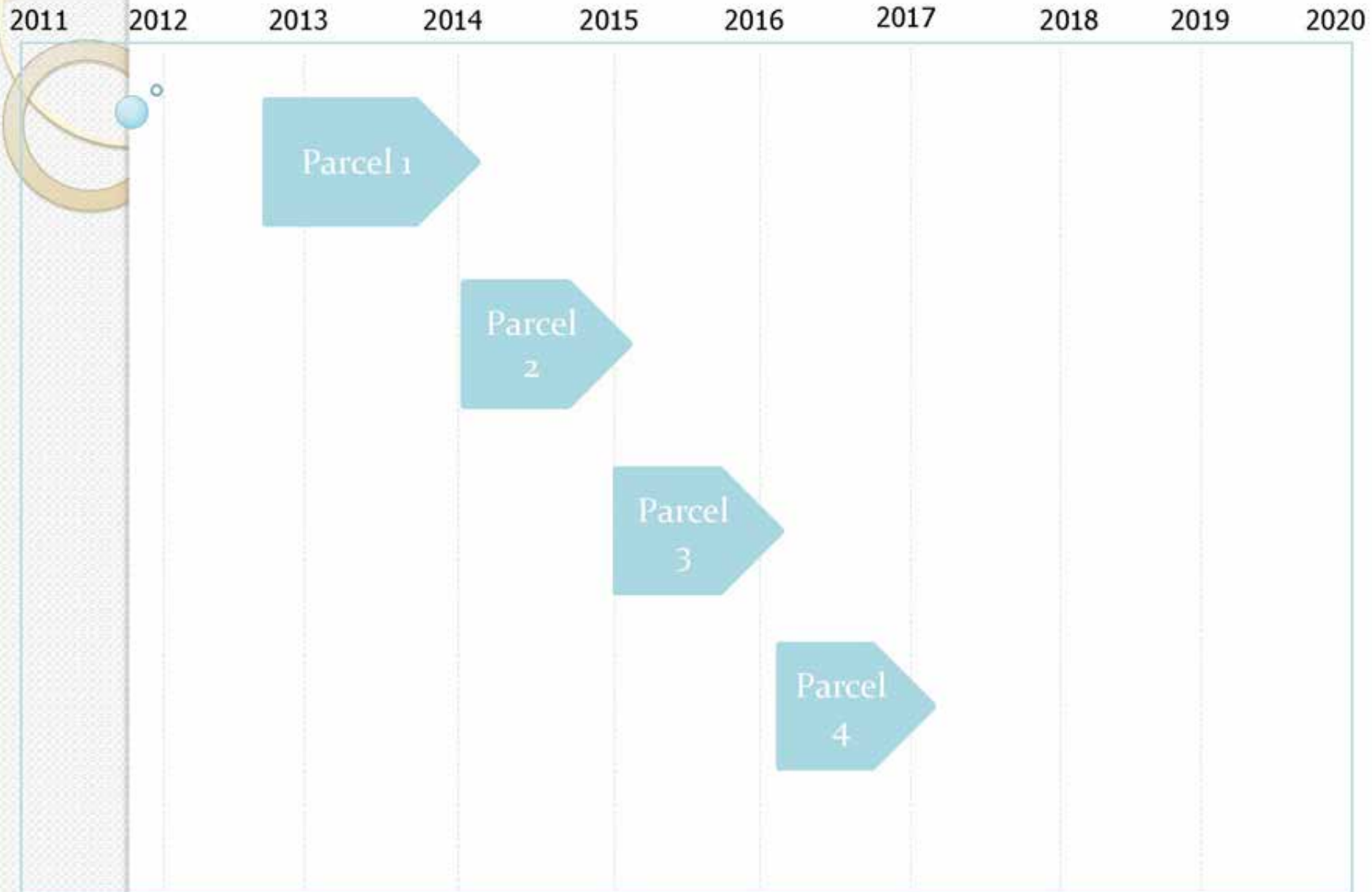
- Business opportunities (retailers, repair shop and sporting events)

Environment

- Reduce pollution

“It will be the first walkway in Malaysia along coastal line of 24km”

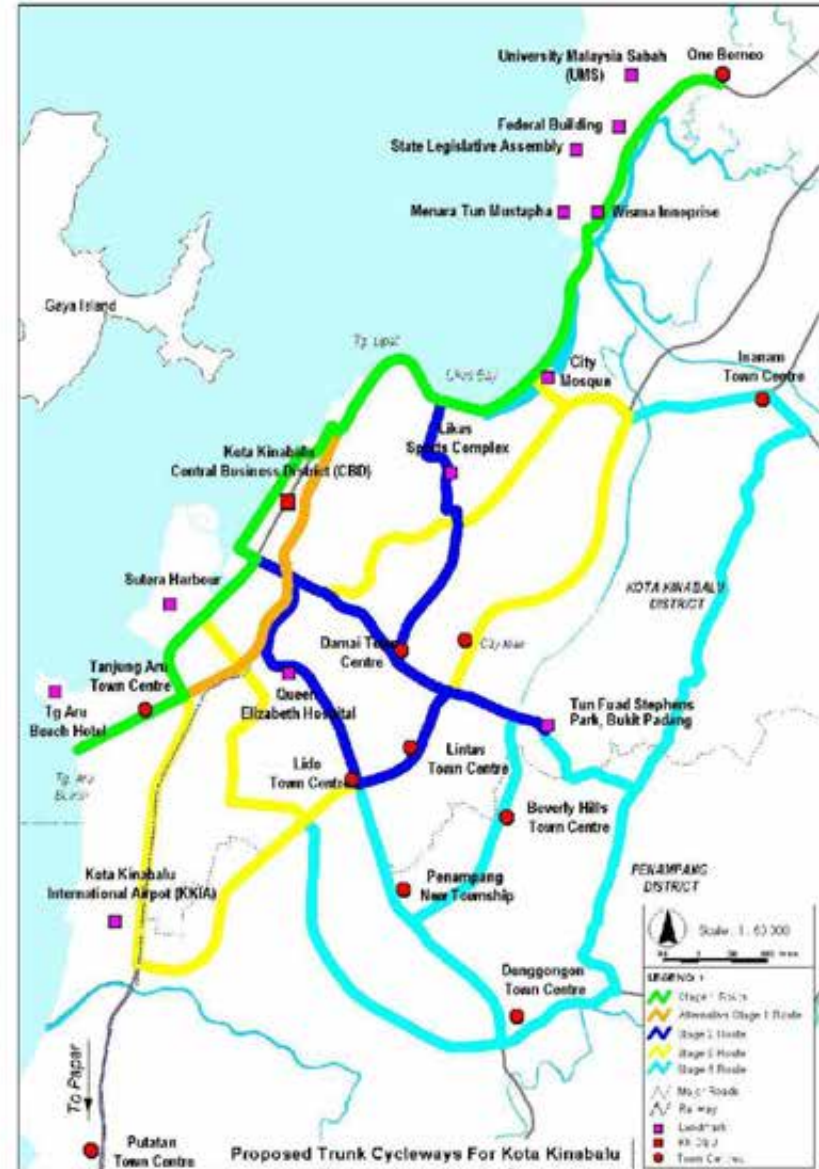
Implementation Timeline – Pedesterian Walkway & CycleWay



PROJECT 2: TANJUNG ARU TO UMS PEDESTRIAN WALKWAY AND CYCLEWAY PROJECT

Project Area

The pedestrian walkway and cycleway limited to Stage 1, will start at Tanjung Aru Beach, extend along Jalan Mat Salleh past the Tanjung Aru Town Centre to Kota Kinabalu Central Business District preferably along Coastal Highway (or alternatively along Jalan Mat Salleh and Jalan Tunku Abdul Rahman), continue along Jalan Tun Fuad Stephens and Jalan Sulaman and terminate at UMS. *See Figure 2.*



AIMS OF PROJECT

- ❖ To build a world class pedestrian walkway and cycle way for recreational and commuter use.
- ❖ To link the older parts of the city to the newly expanding educational and administrative centre.
- ❖ To provide cyclists a view of Kota Kinabalu City's most scenic areas.
- ❖ To provide users with a variety of experiences and opportunities to cycle for recreation or to work.
- ❖ To develop a model for the future cycle way network that will extend to the remaining parts of Kota Kinabalu City.



KEY OUTCOME OF PROJECT

A world class pedestrian walkway and cycleway that is safe, interesting and provides a variety of experiences for recreational cyclist and commuters.



Overall Project Area

- 17 km long cycleway
- Topography : Relatively flat
- Route : Next to existing road & drainage system
Through green open space reserved
- Uniqueness : Cultural, historical, visual and natural experience.

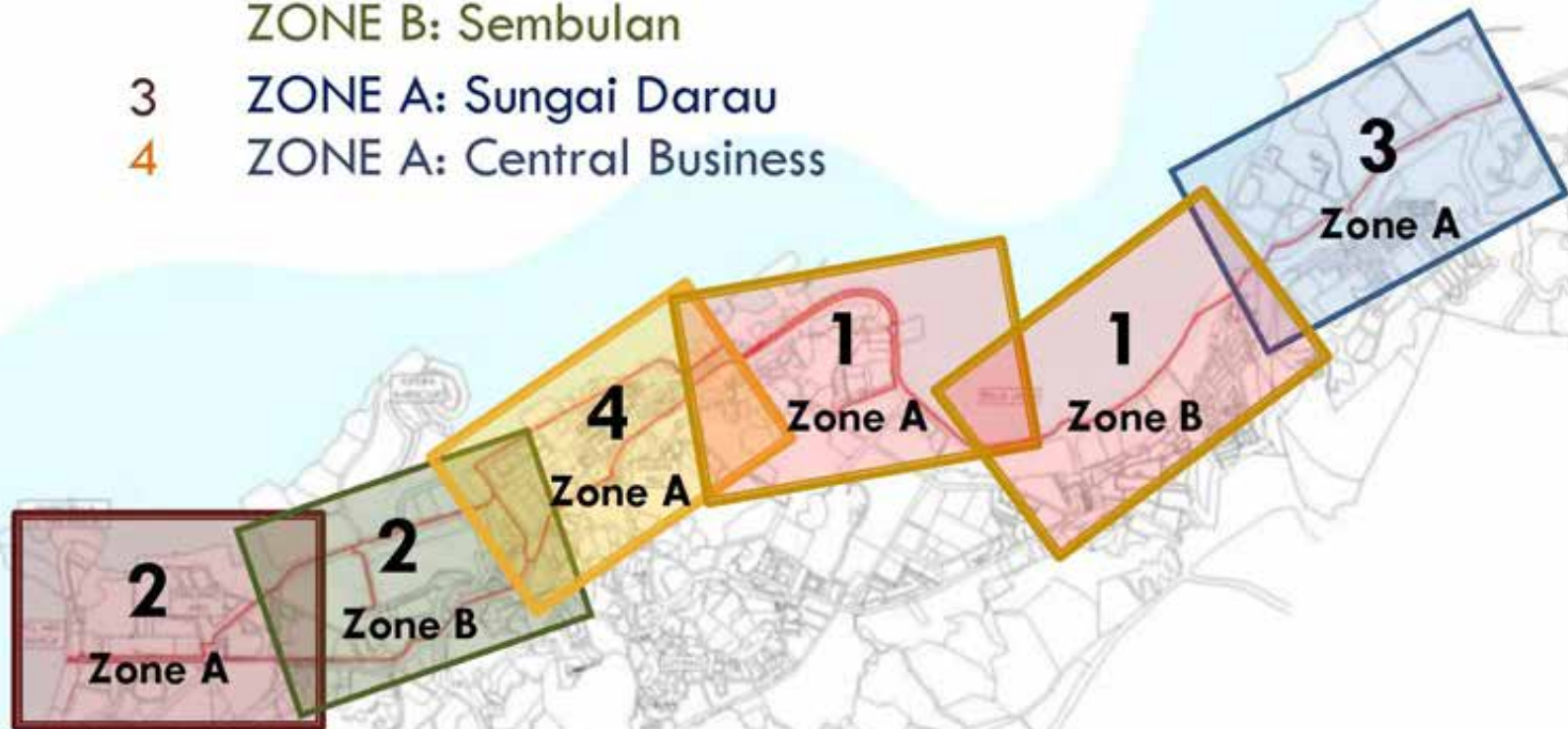


Implementation

PARCEL

ZONE

- 1 ZONE A : Port & Likas Bay South
ZONE B : Likas Bay North
- 2 ZONE A: Tanjung Aru
ZONE B: Sembulan
- 3 ZONE A: Sungai Darau
- 4 ZONE A: Central Business



Concept Diagram



Concept Diagram

Legend:

- Shared Path Bike Lane
- Nodes
- Bridge Crossings



©2009 Google

Imagery Dates: Aug 16, 2005 - Apr 28, 2009

6°00'04.97" N 116°05'59.27" E elev 0 m

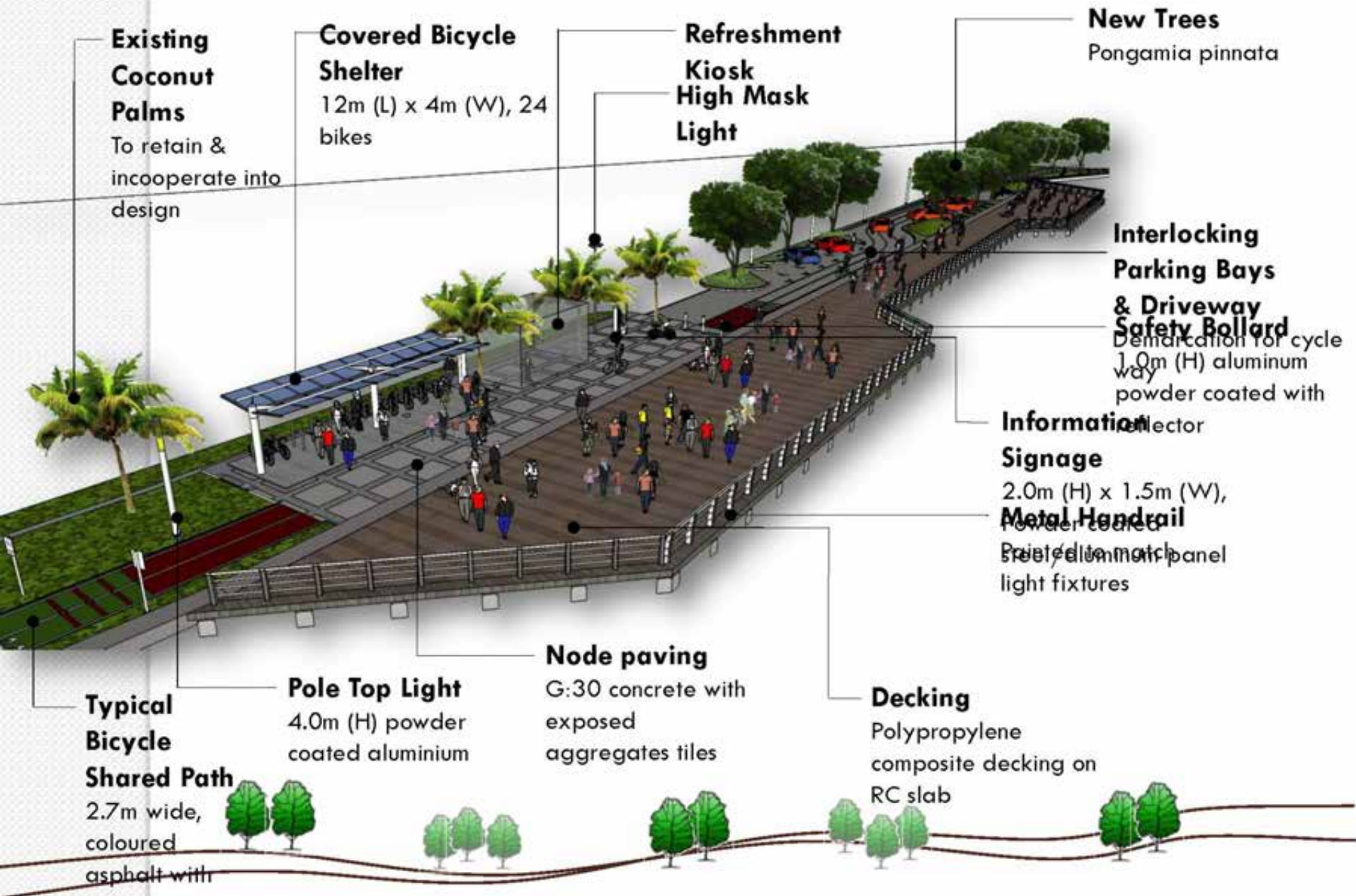
Eye alt 2.76 km



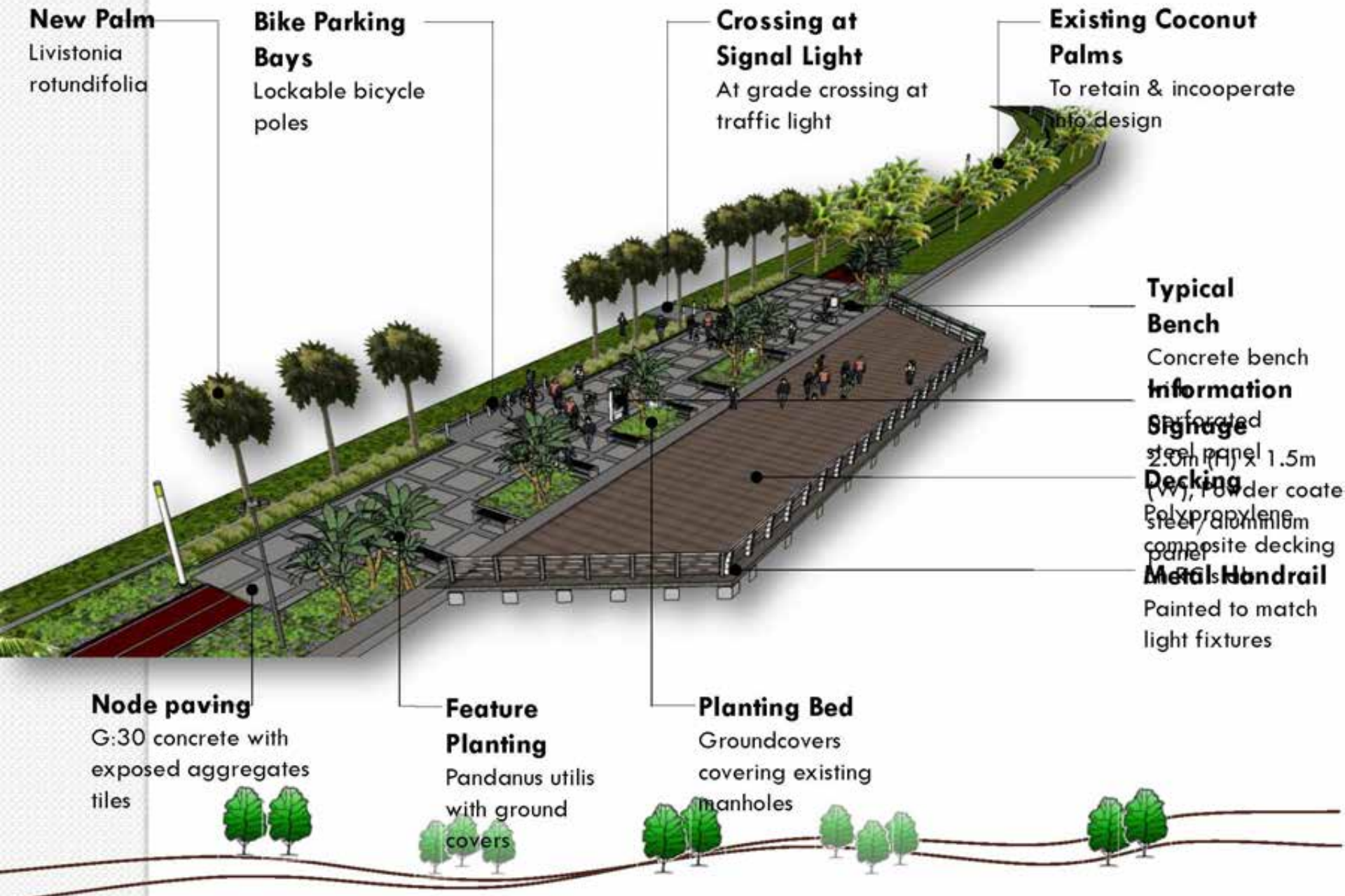
Detail Images



Hard Landscape – Parking & Refreshment Kiosk



Hard Landscape – Open Plaza at Traffic Light Peak Condominium



Hard Landscape – Open Plaza at Bandaraya Masjid

Planting Bed

Root pruning of existing trees & new groundcovers planting

Existing Tree

Samanea saman to be retained

Turfing

New turf with low mounding

Typical Bicycle Shared Path

2.7m wide, coloured asphalt with marking

Pole Top Light

4.0m (H) powder coated aluminium

Node paving

G:30 concrete with exposed aggregates tiles

Decking

Polypropylene composite decking on RC slab

Metal Handrail

Painted to match light fixtures

Typical Bench

Concrete bench with perforated steel panel

Typical Lockable Bicycle Pole

0.85m (H) cast aluminium with powder coated finished



Hard Landscape – Refreshment Station

Tree Grating

Jonite
Stone tree
grating

Typical Shelter

4.0m (W) x 4.0m
(L)

New Plaza Planting

Playground

Modular play structure
with rubberized play
surface on RC slab

Covered Bicycle Shelter

12m (L) x 4m
(W), 24 bikes

Ramp

RC G:30 ramp @
max 10%

Bollard Light

1.0m (H) powder
coated aluminium



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New Trees

Pongamia pinnata
with groundcovers
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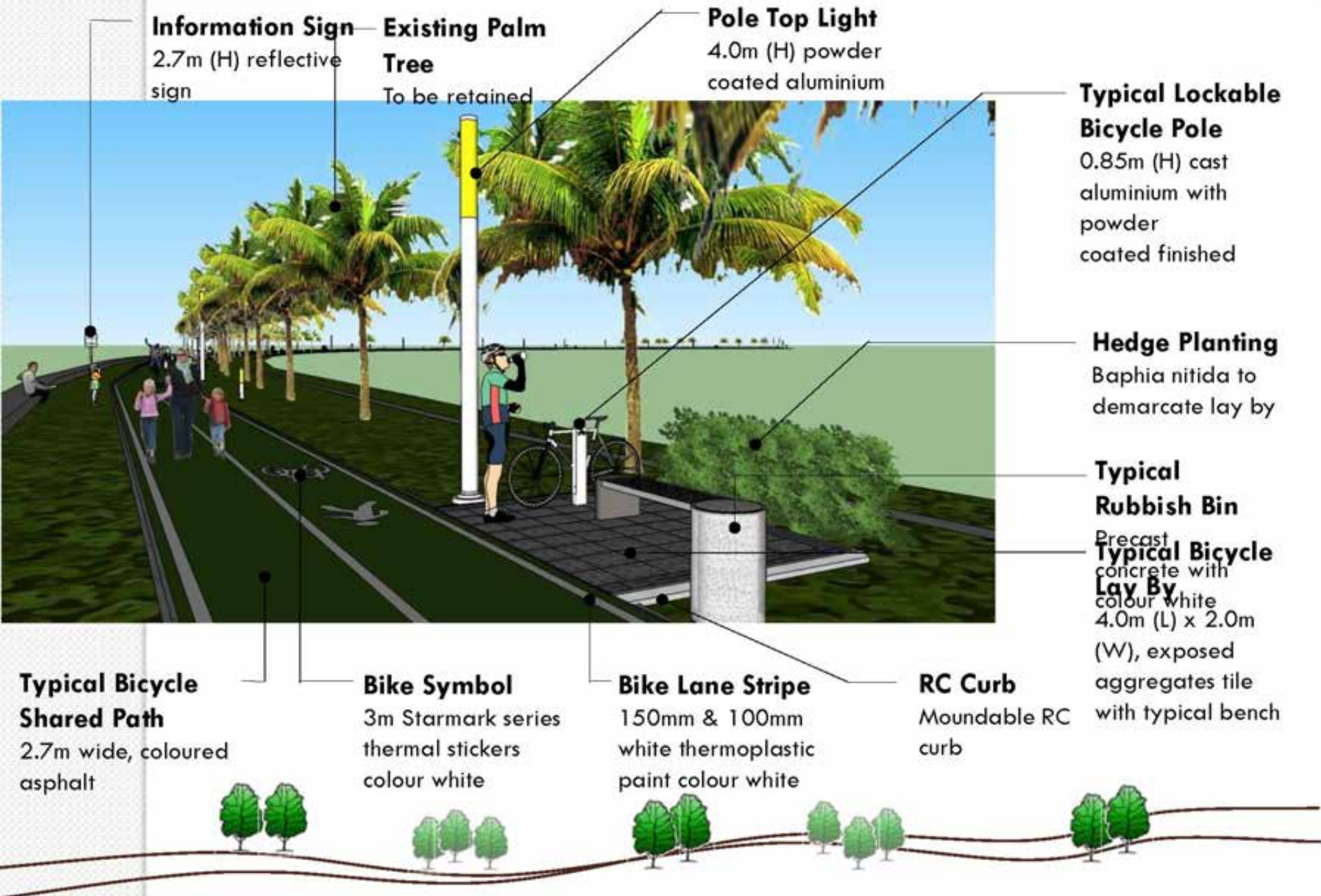
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Typical Path



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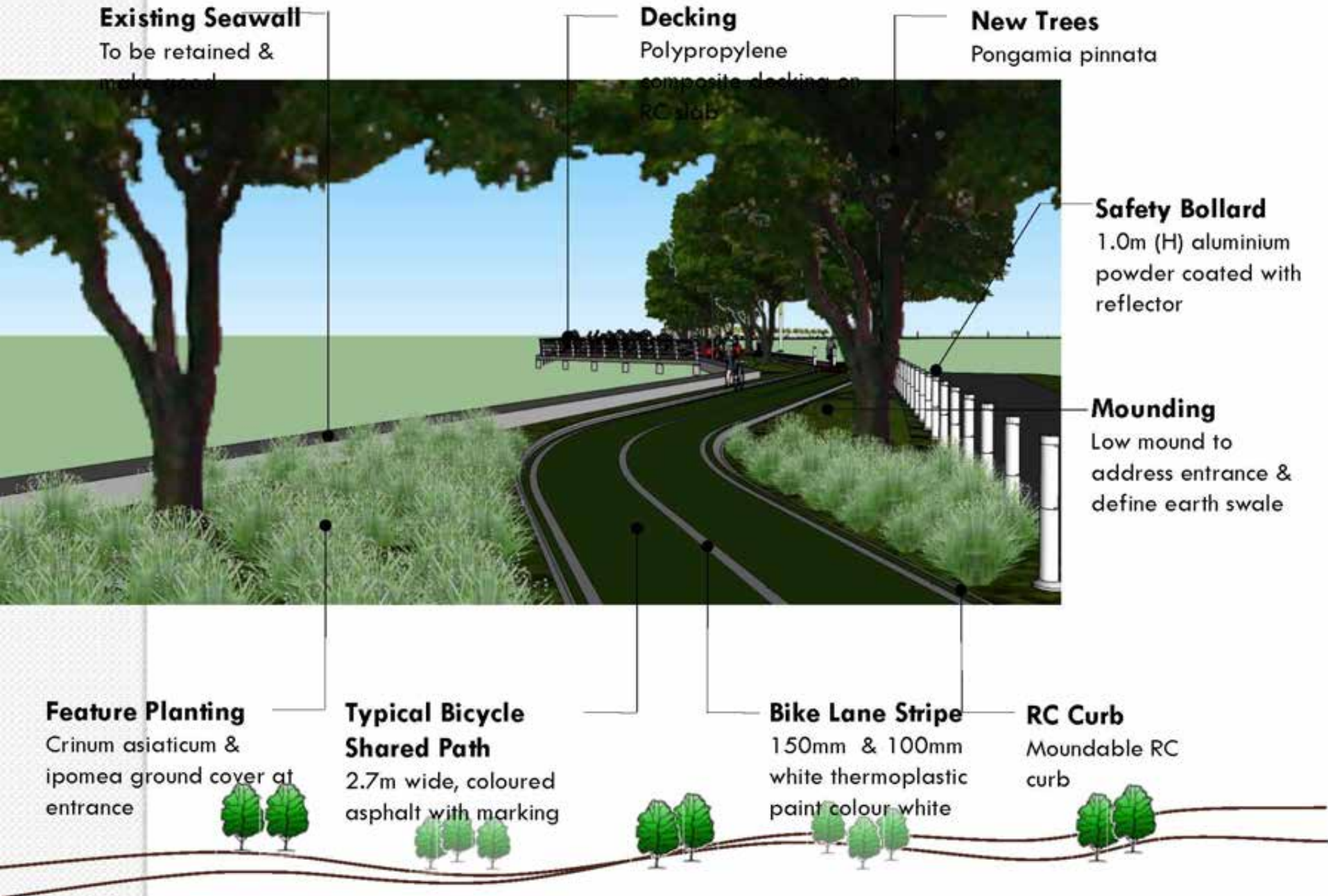
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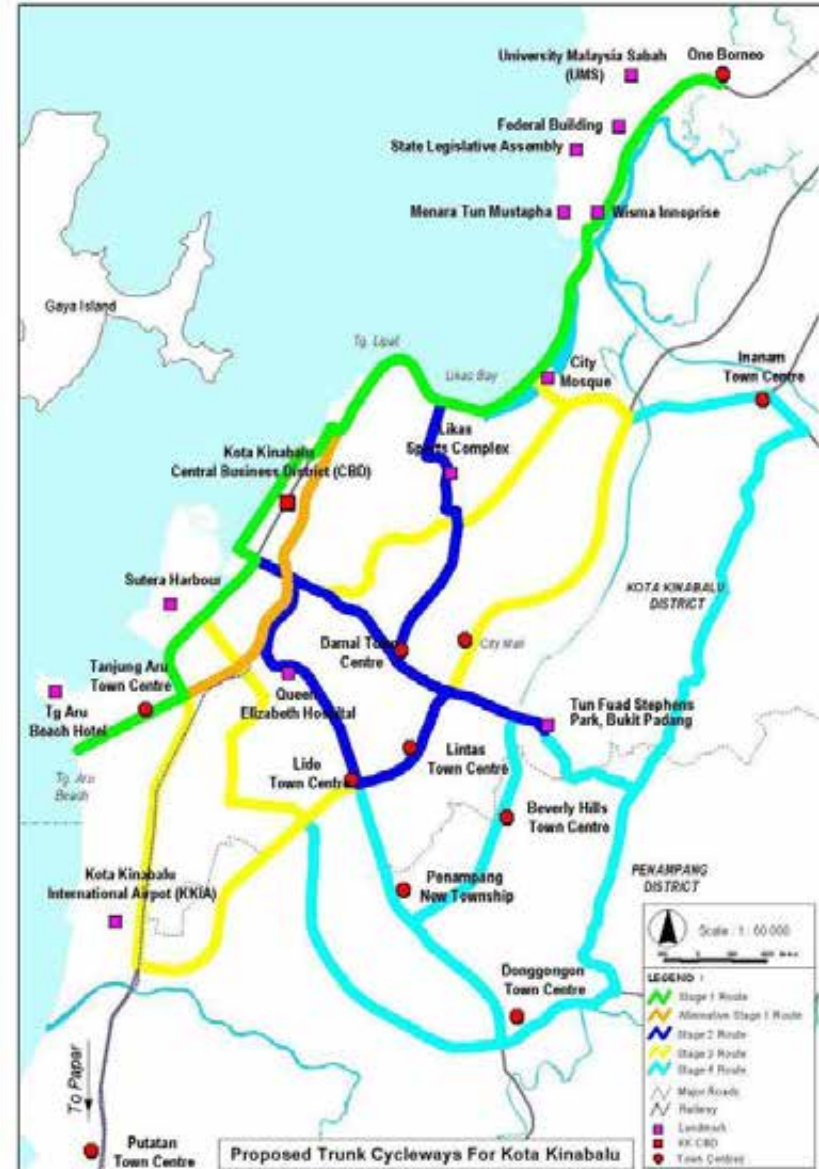
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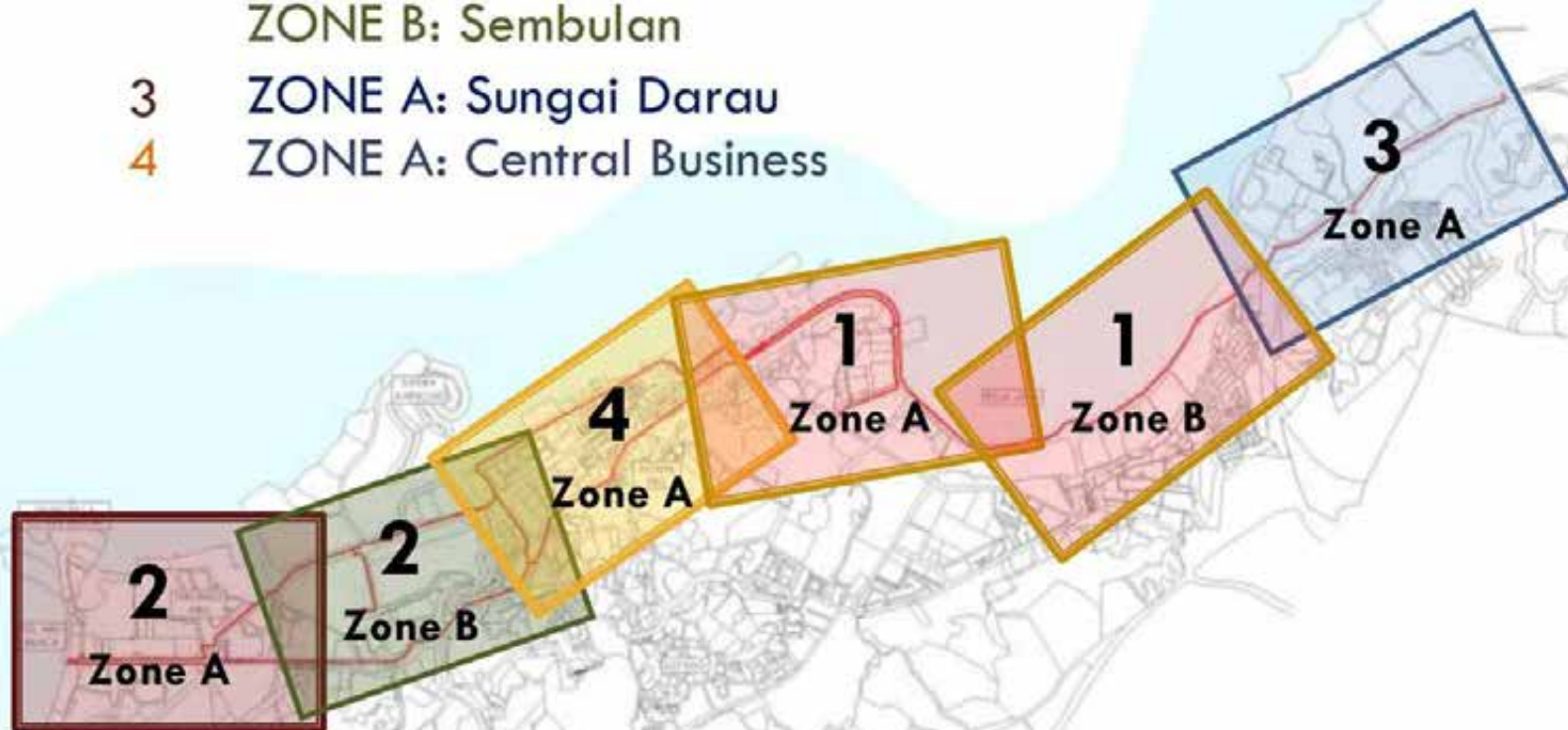


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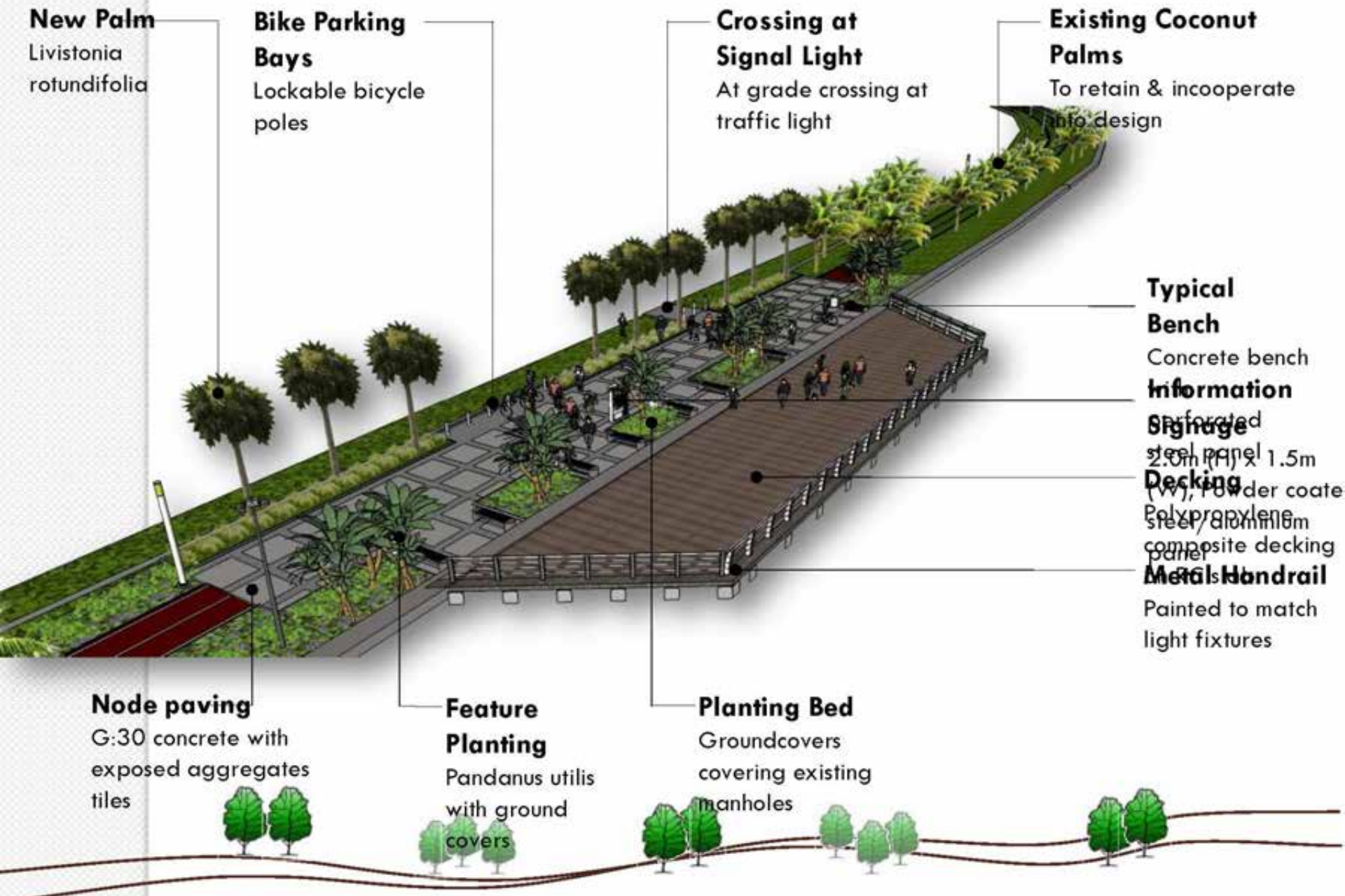
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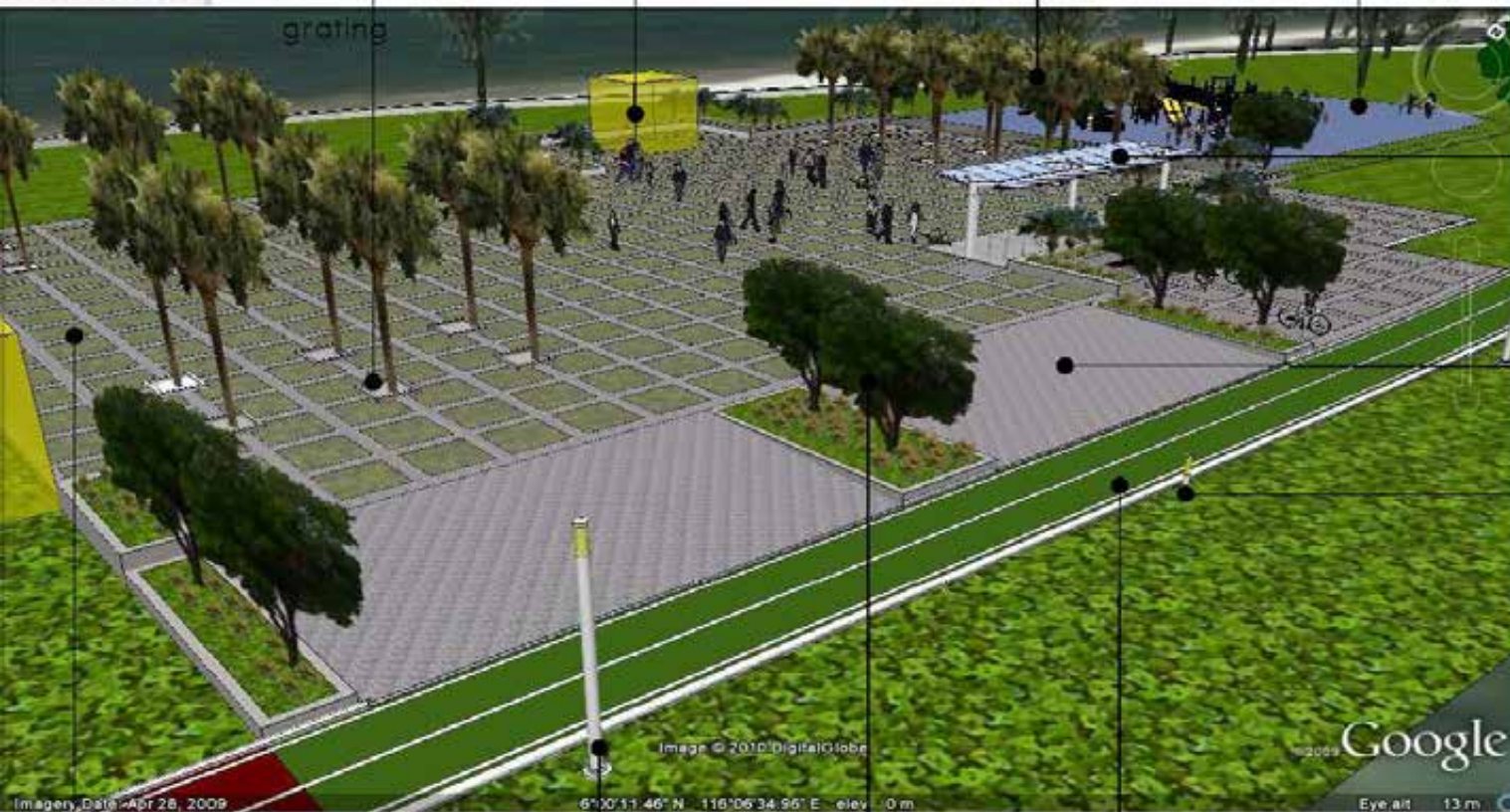
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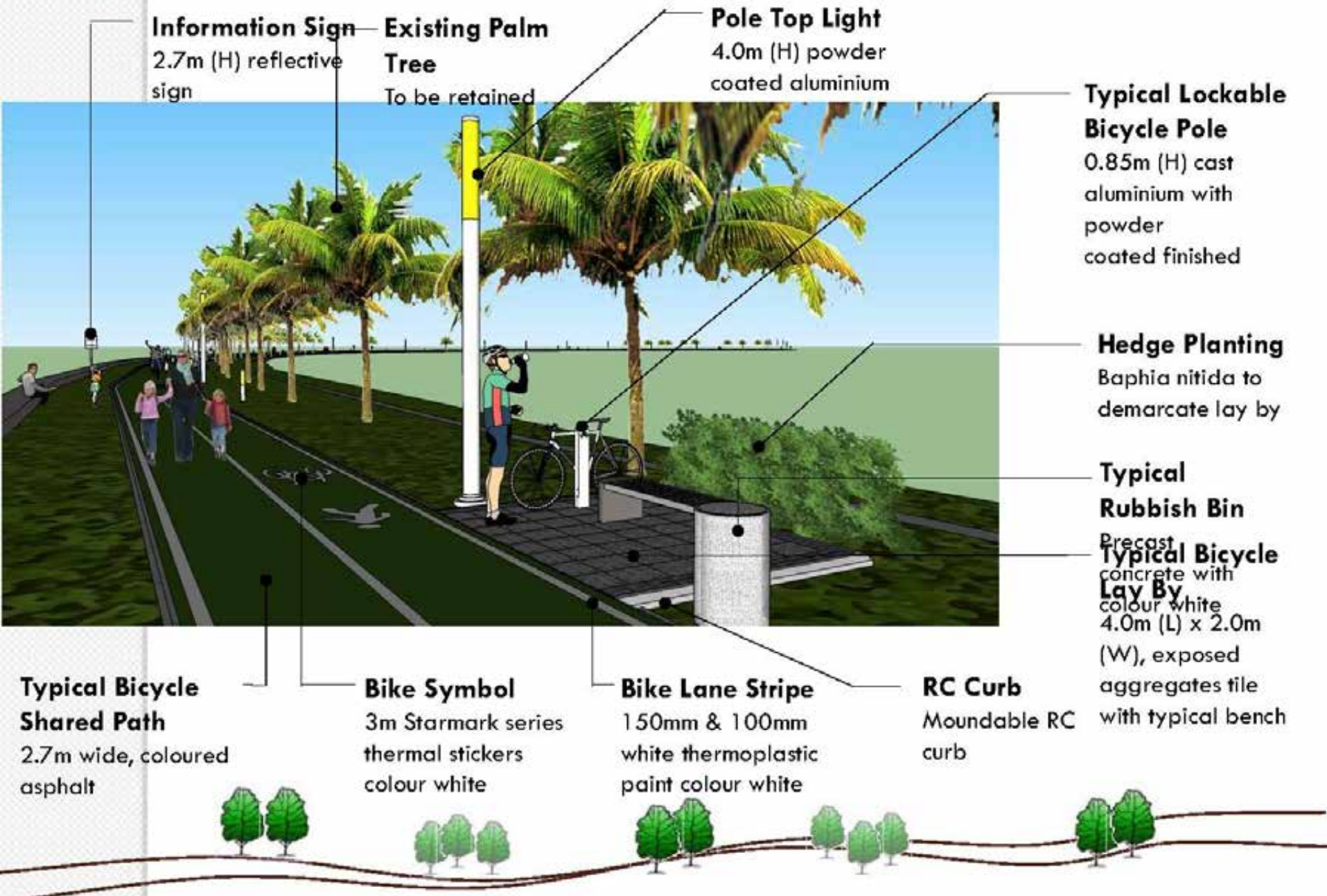
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Typical Path



Feature Planting

Crinum asiaticum & *Ipomea* ground cover at entrance

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Bike Lane Stripe

150mm & 100mm white thermoplastic paint colour white

RC Curb

Moundable RC curb

