

SI-Route: reroute Siriraj

THE 4 ELEMENTS

Pain point

Things we noticed about the traffic in Siriraj area:

- Lots of cars, few parkings.
- Car exhaust means dirty air.
- Bad bike access. Awkward bus stops.
- Few information spots and poor signage for tourists and patients.



Bikeability

Increased cycling can make Siriraj safer, cleaner and more sustainable as cycling is non-polluting, healthy, and favoring the local economy in the surrounding area.

Creating bike-friendly cities for the future to make cycling a safe and appealing transport option. Bike lanes entice the switch to cycling, and a good excuse to improve walkways and wheelchair accessibility in one go. For tourists, colored paths could be useful. Parking space for bikes should be prioritized.

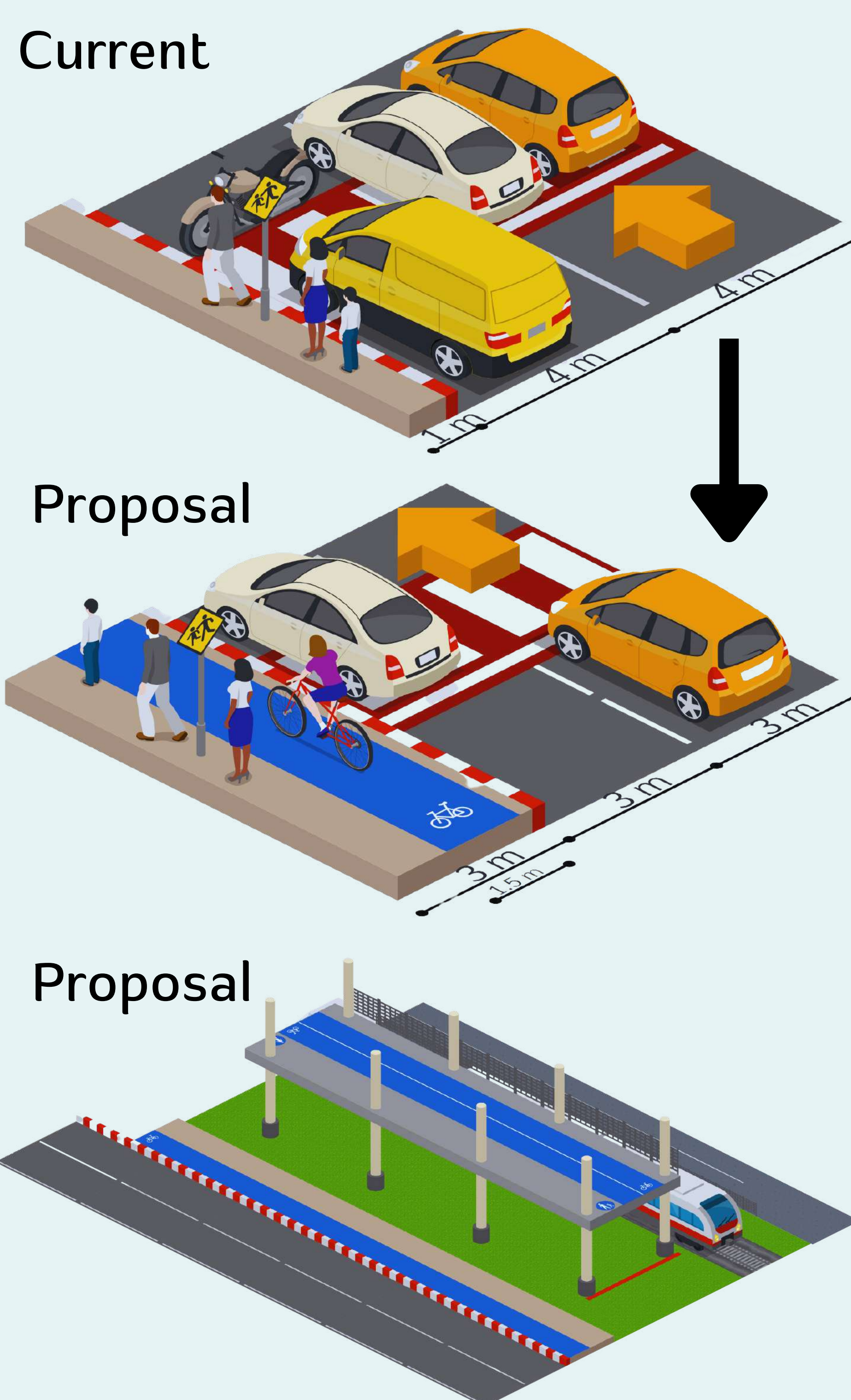
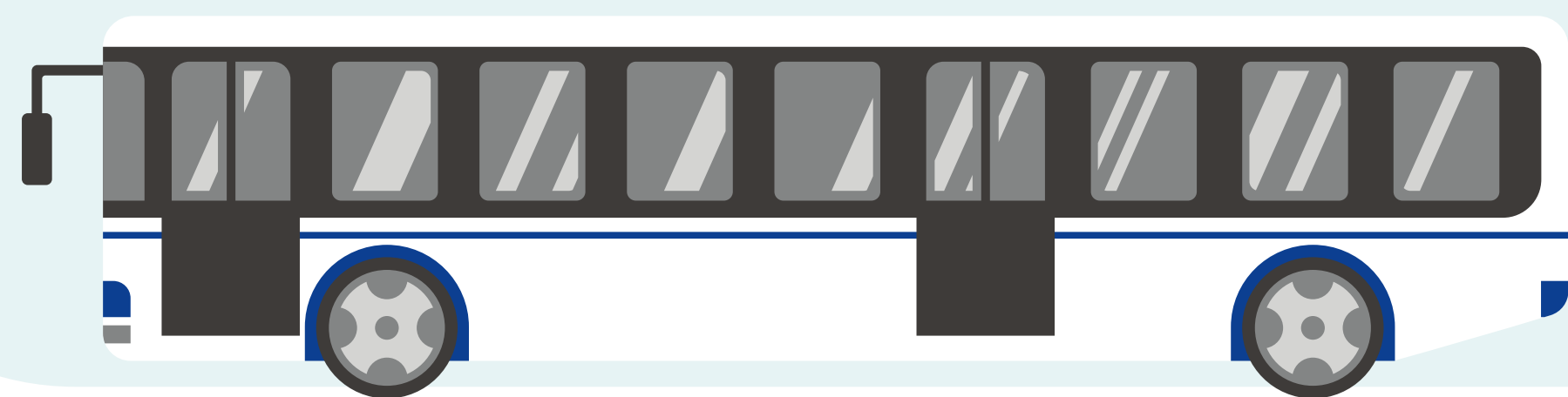
Shared Paths in Singapore



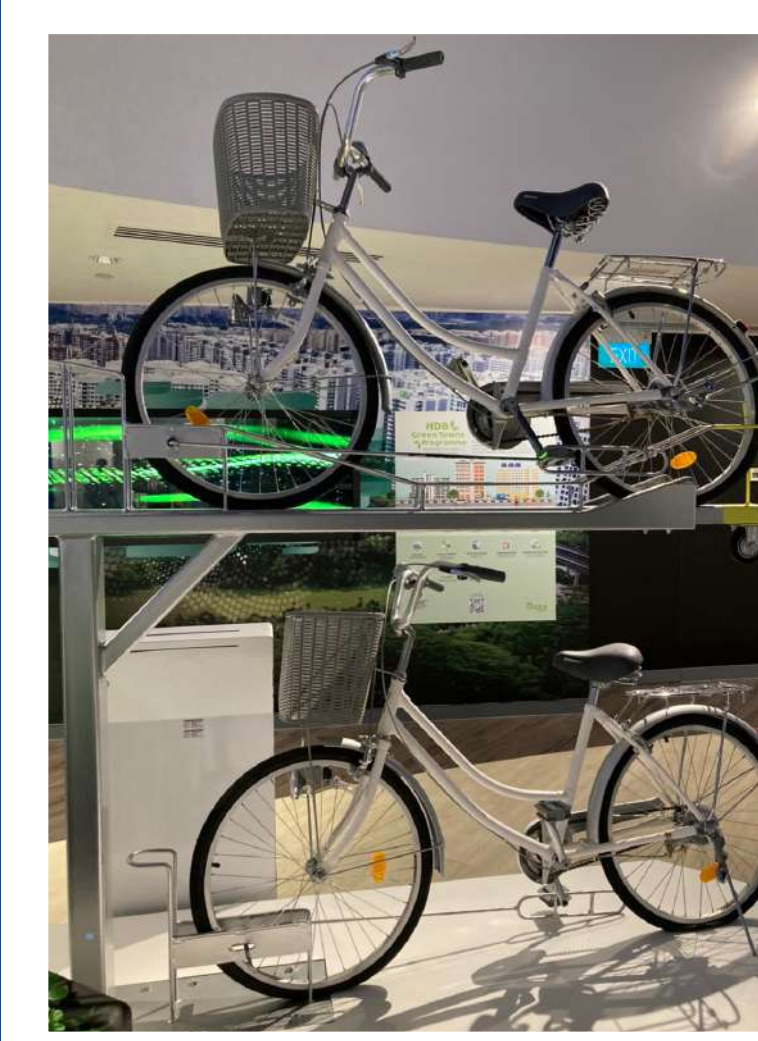
SI-Reroute

Concepts for traffic rearrangement & footpath design at Siriraj H.

- Stricter the existing policies, and implement new ones, like ULEZ in London, to curb down the traffic.
- Redesign and widen the footpath.
- Build platforms for bus service
- New free short bus lines to deliver people and publicize the existing lines to encourage drop-offs at bus stops rather than at hospital itself.



Dual Bike Rack System



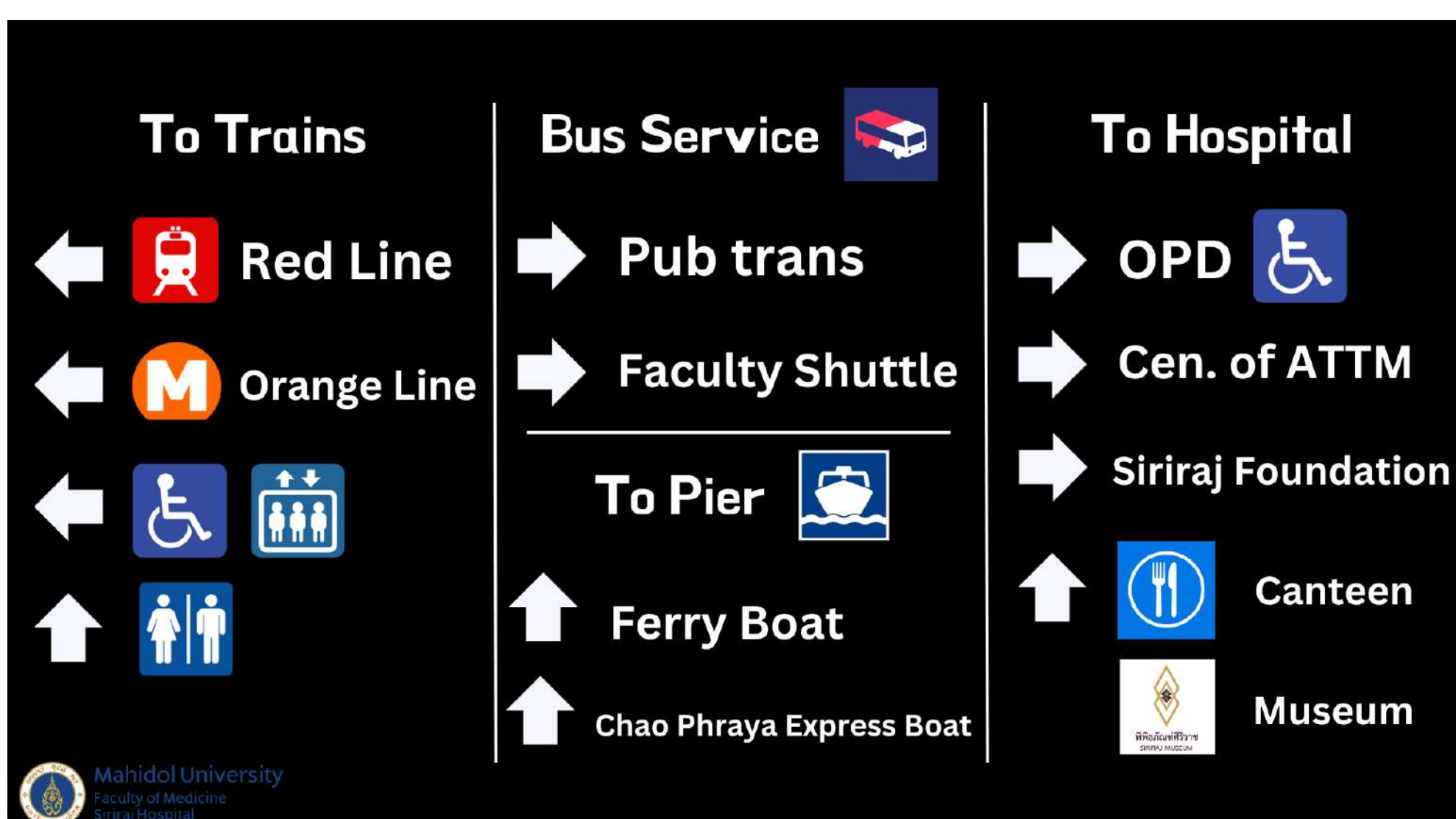
Enhancing cycling infrastructure to support cycling as a form of "first and last mile." One such innovation is the Dual Bicycle Rack System, which provides convenient bicycle parking facilities while optimising space.

Conclusion

Siriraj area has many people coming to the area, yet it is car dependent and visitors are diverse, including tourists. We propose solutions grouped into three:

- SI-reroute
- Bike ability
- Signs management.

Signs



Universal designs for Getting Directions

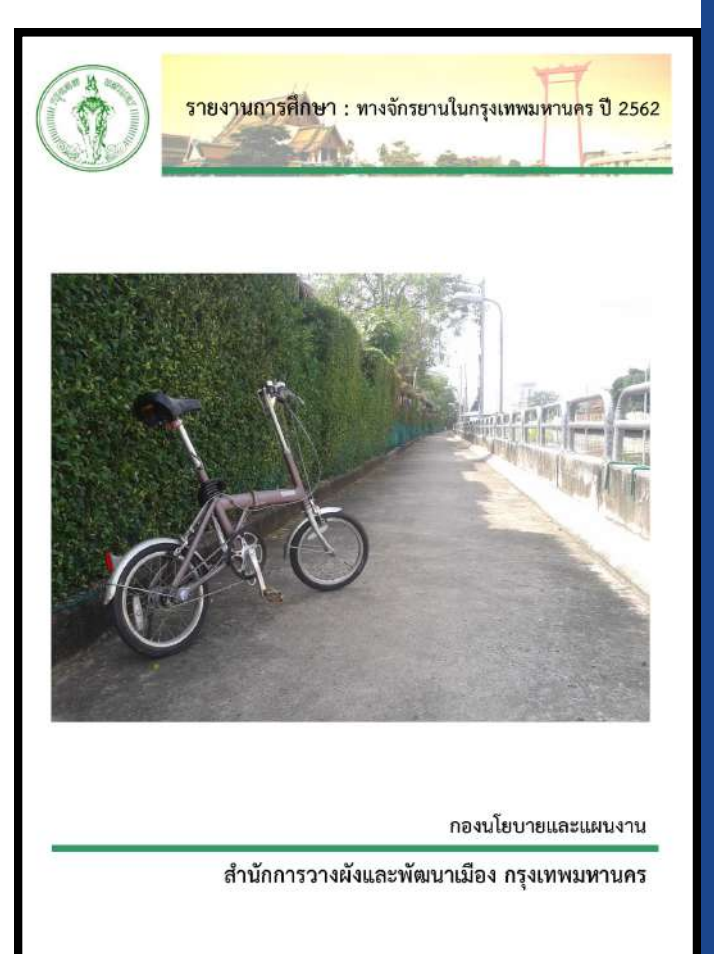
More signs that caters towards tourists and unfamiliar patients. The signs should be placed strategically, customised for the location, and easy to read.

Applying on site

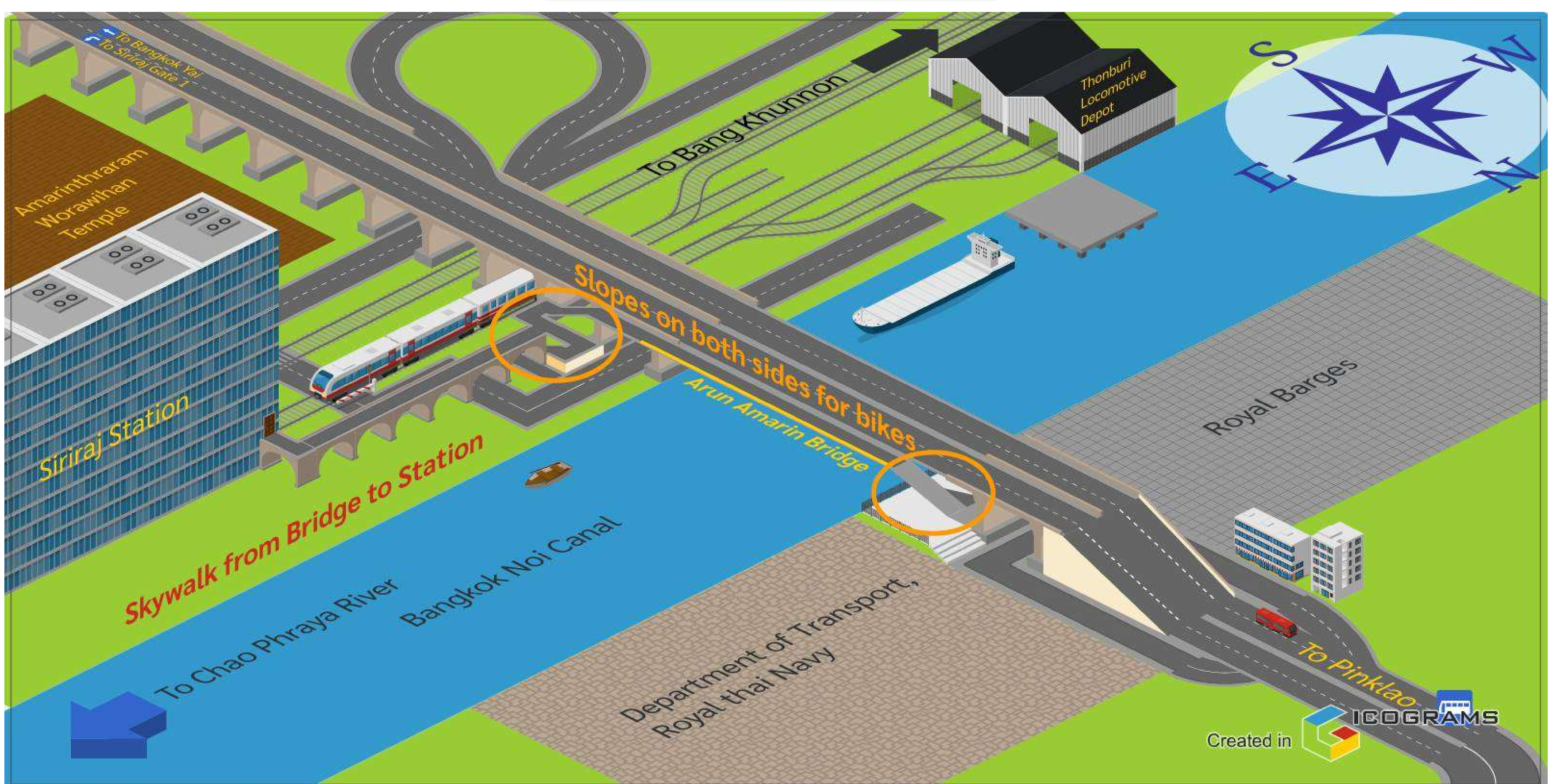
Colored pathways with symbols or words for popular destination, which will reduce confusion and iconize the area.

Future Plan

- Integrate our proposal to the suggestions from Study Report of Bike Lanes by Bangkok Municipality.
- More rigorous design for footpath widening across the area.
- Propose this to the authority of the campus.



SI-Reroute

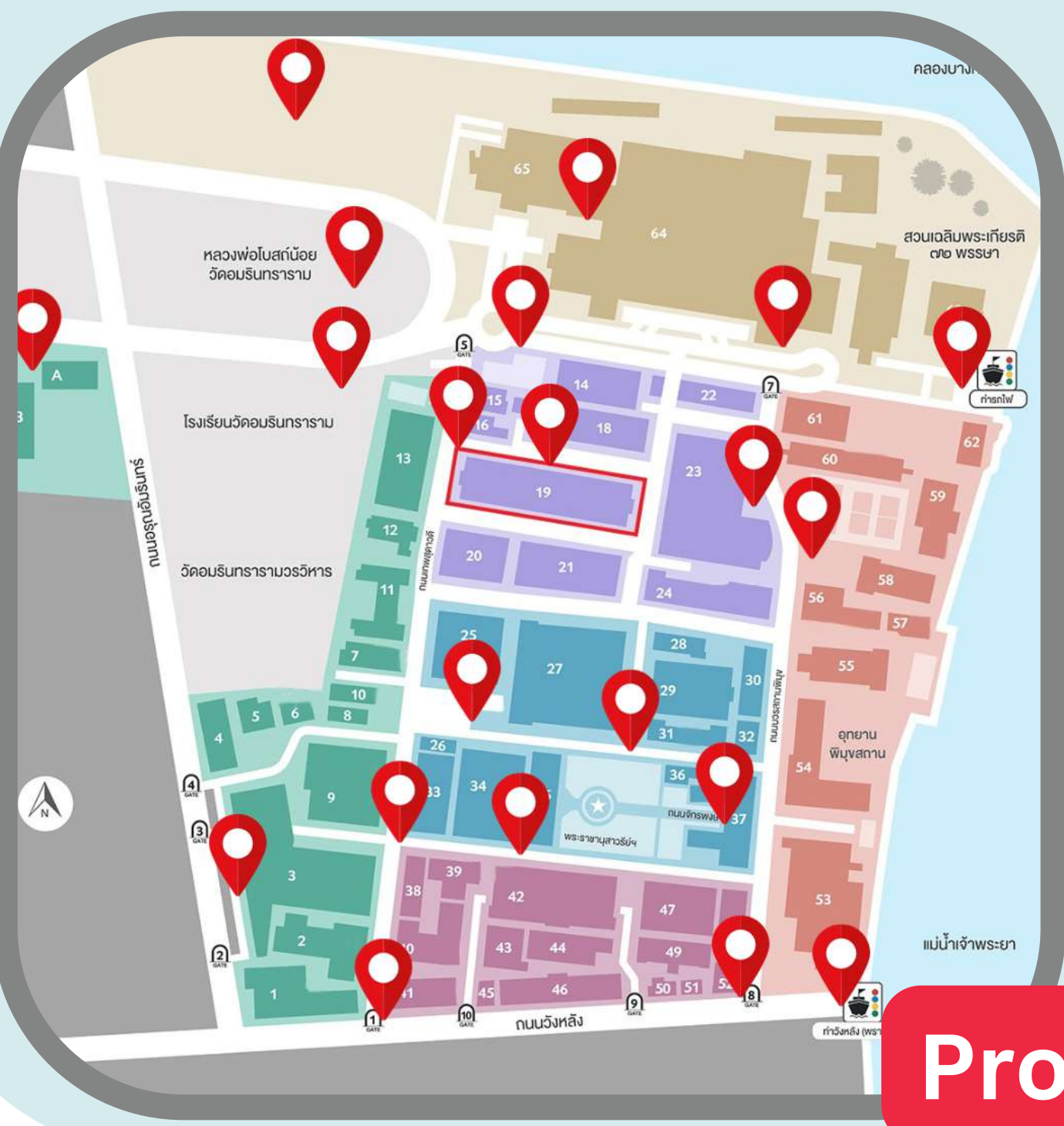
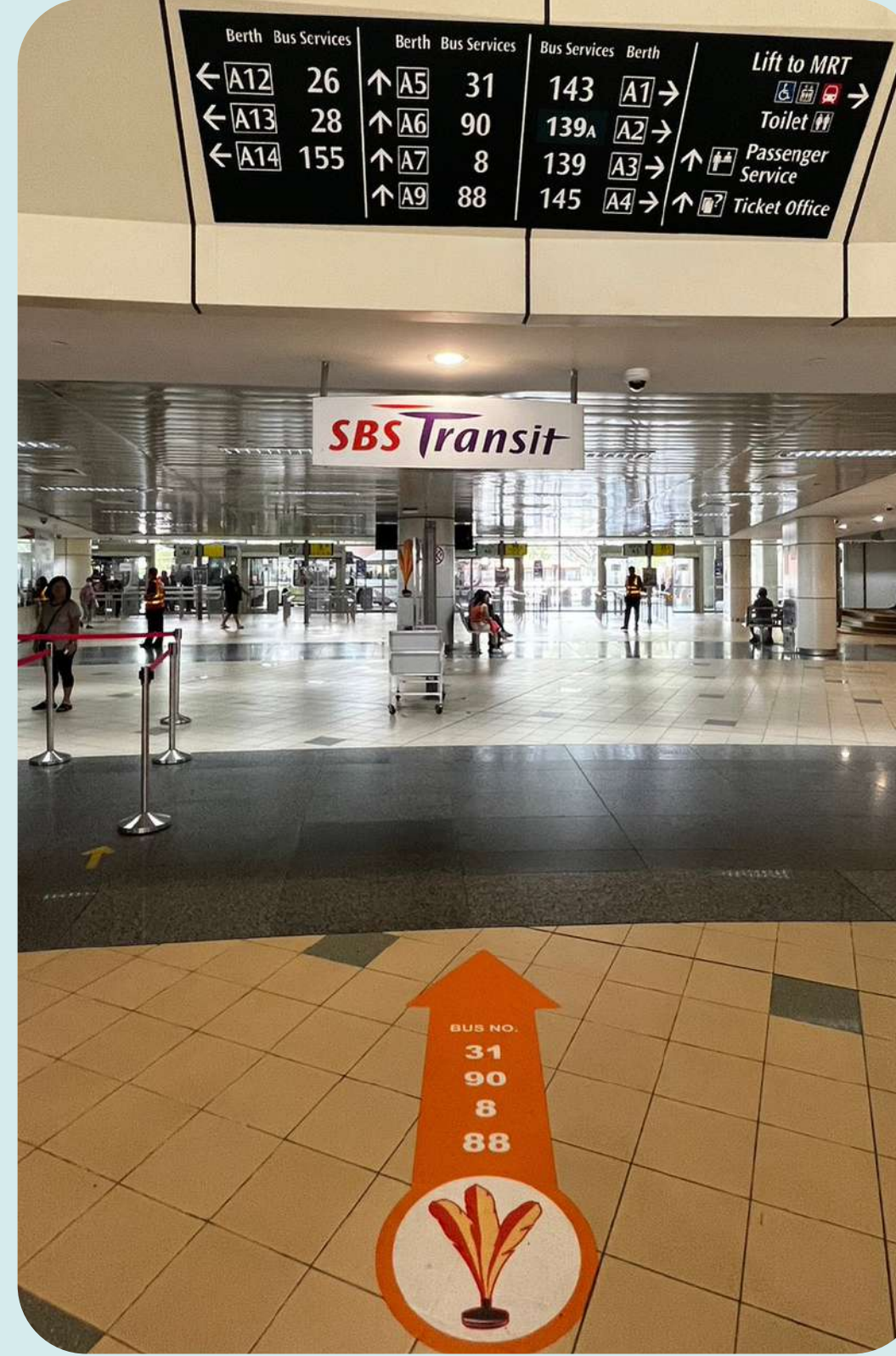
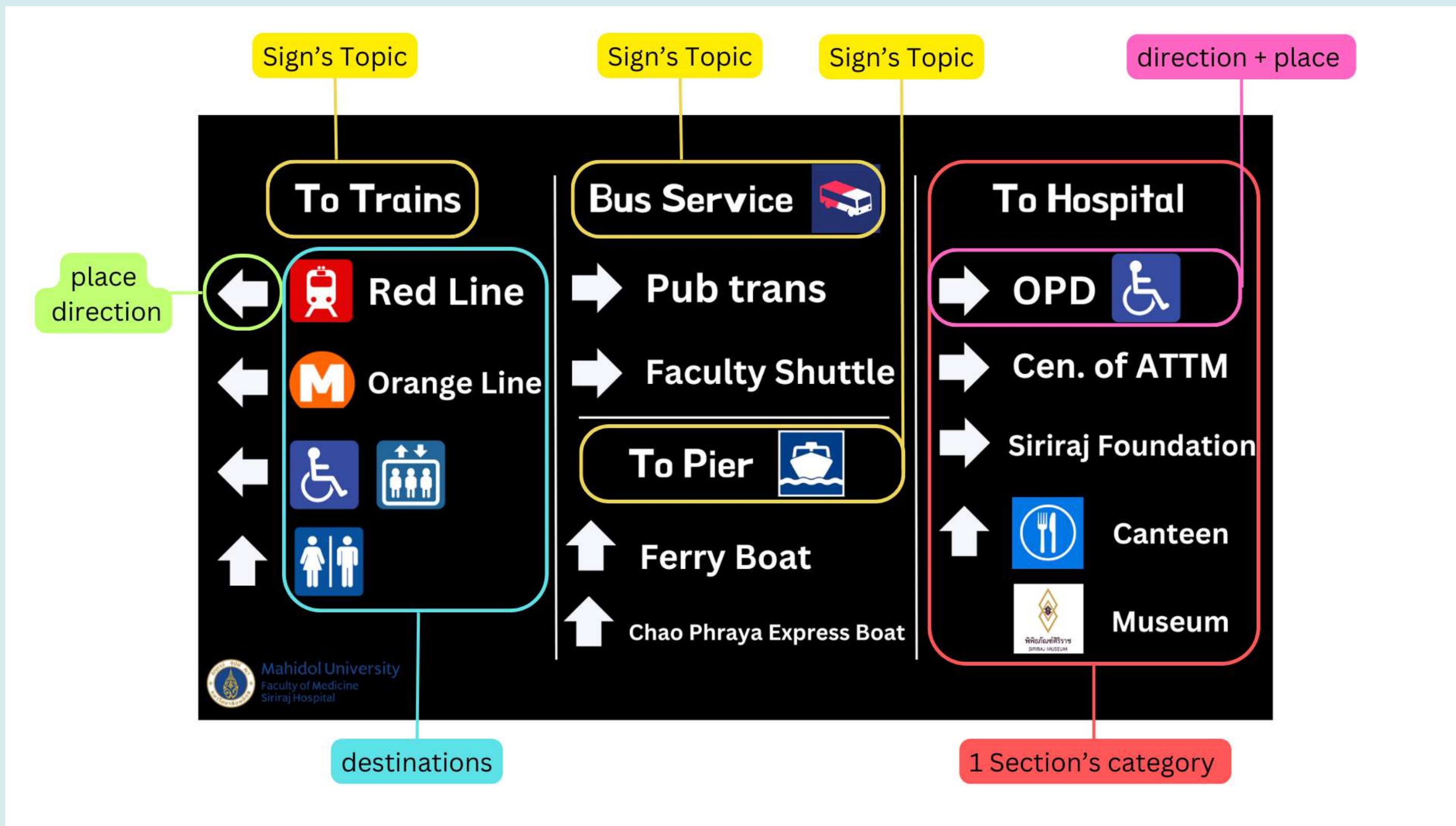


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Signs

Inspired by the design at transportation service in Singapore for our design. Markings on the ground can enhance the direction to the destination.

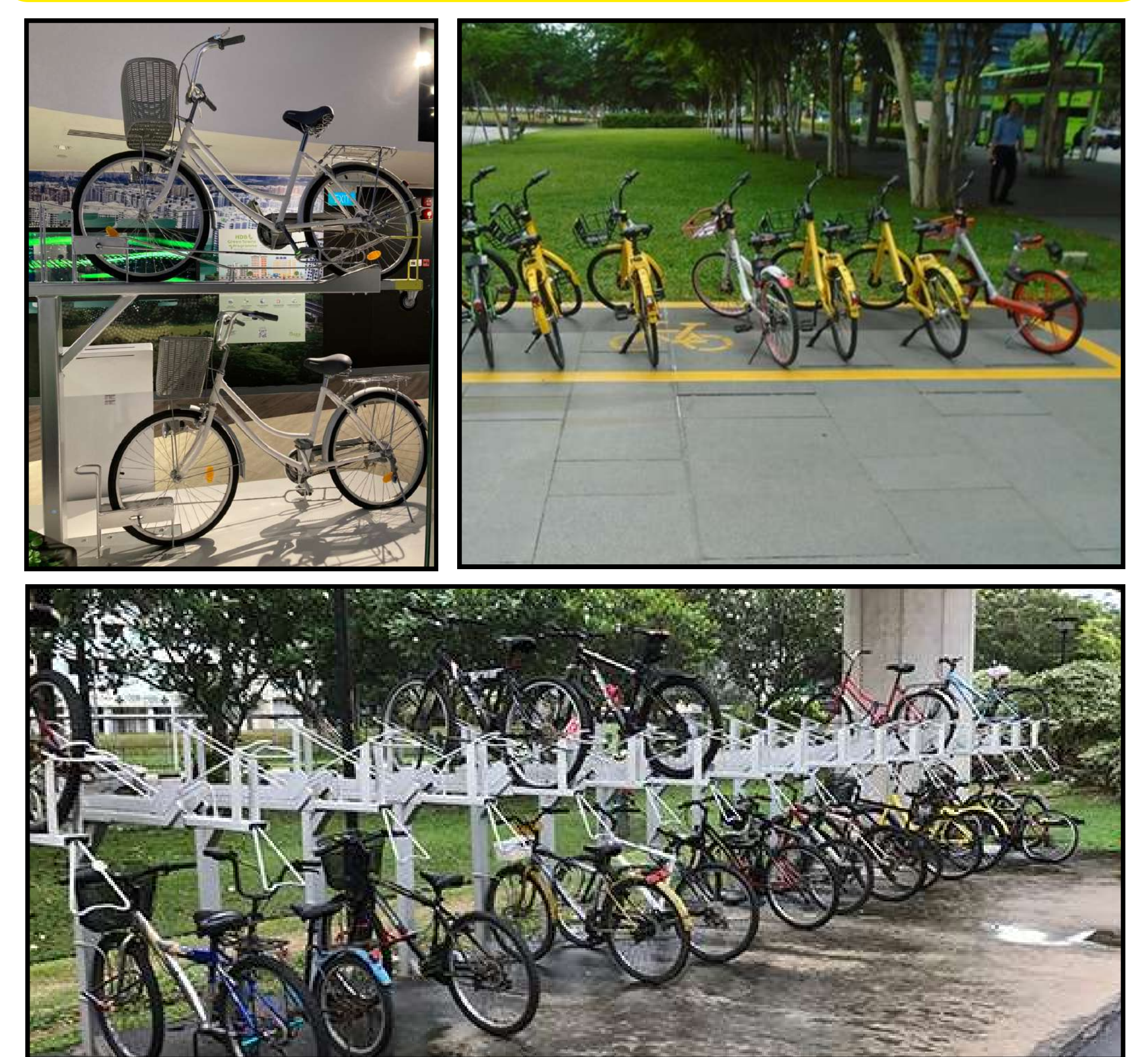


Proposed Sign Locations

Survey on the number of visitors from foreign countries to make multilingual version of signs for tourists.

Bikeability

Dual Bike Rack System in Singapore

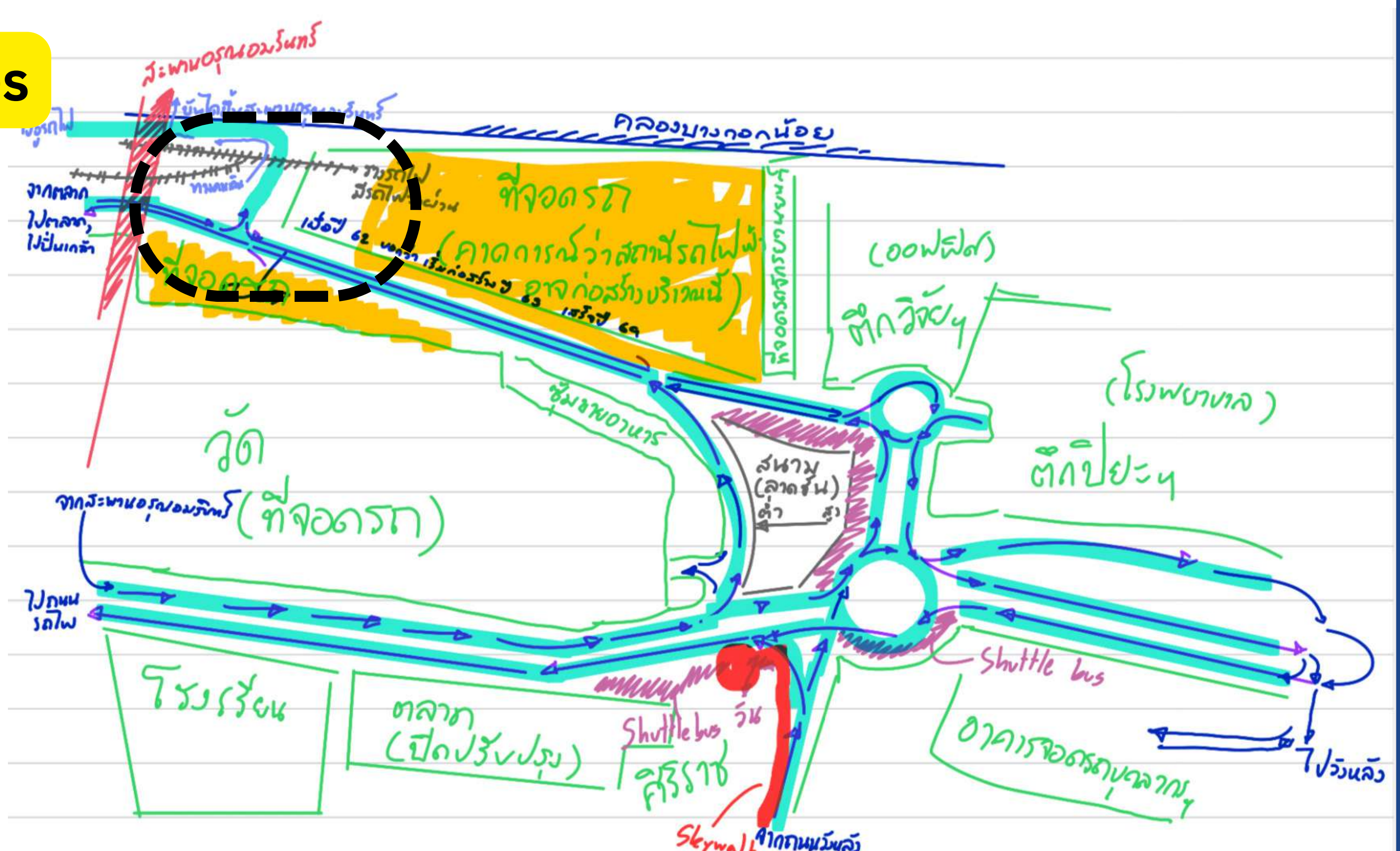
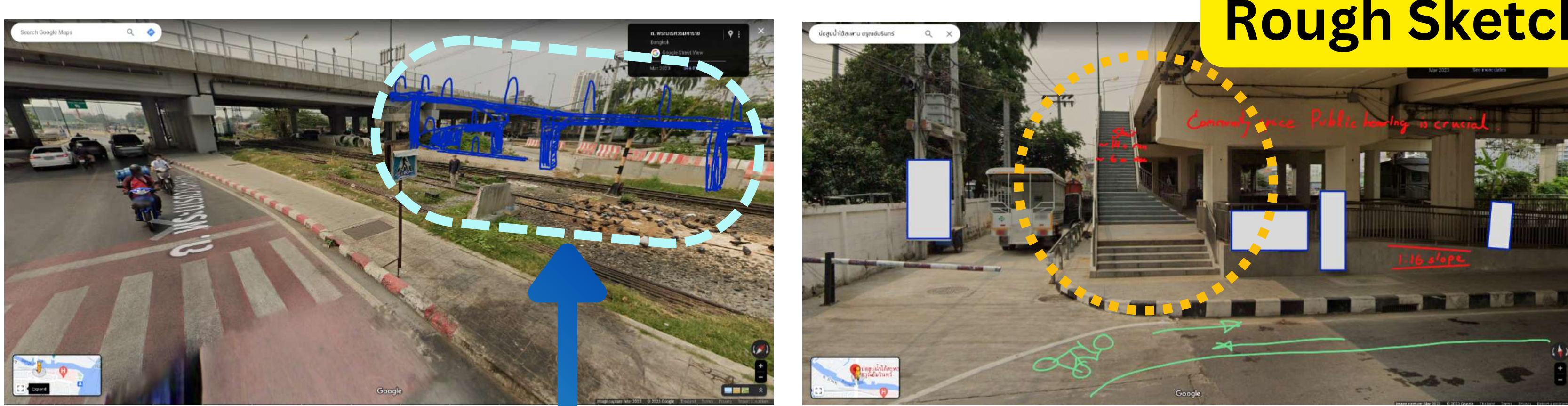


Types of Bike Lanes in Singapore



SI-Reroute : planning design index

Rough Sketches



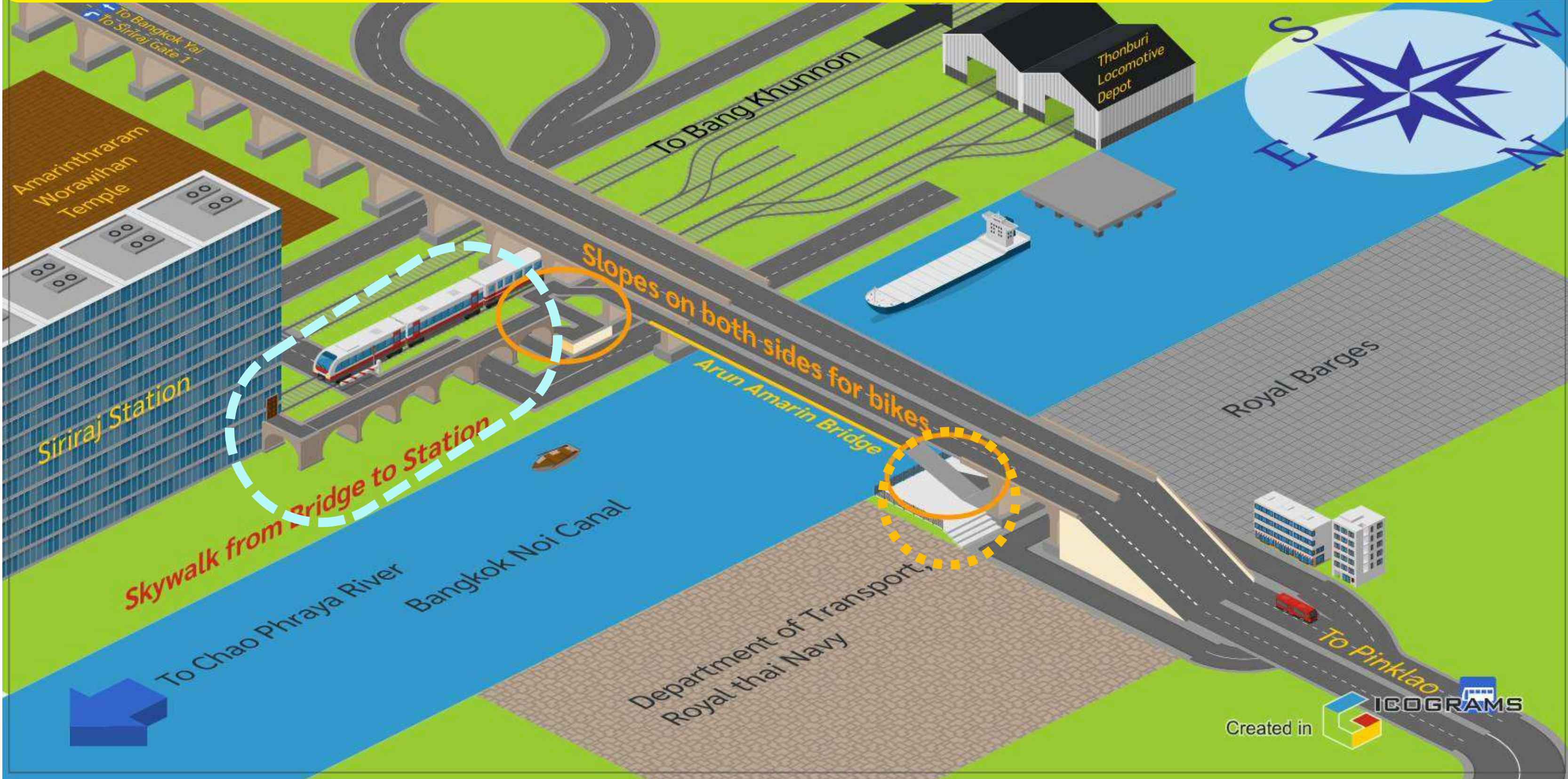
Current Map around Arun Ammarin Bridge



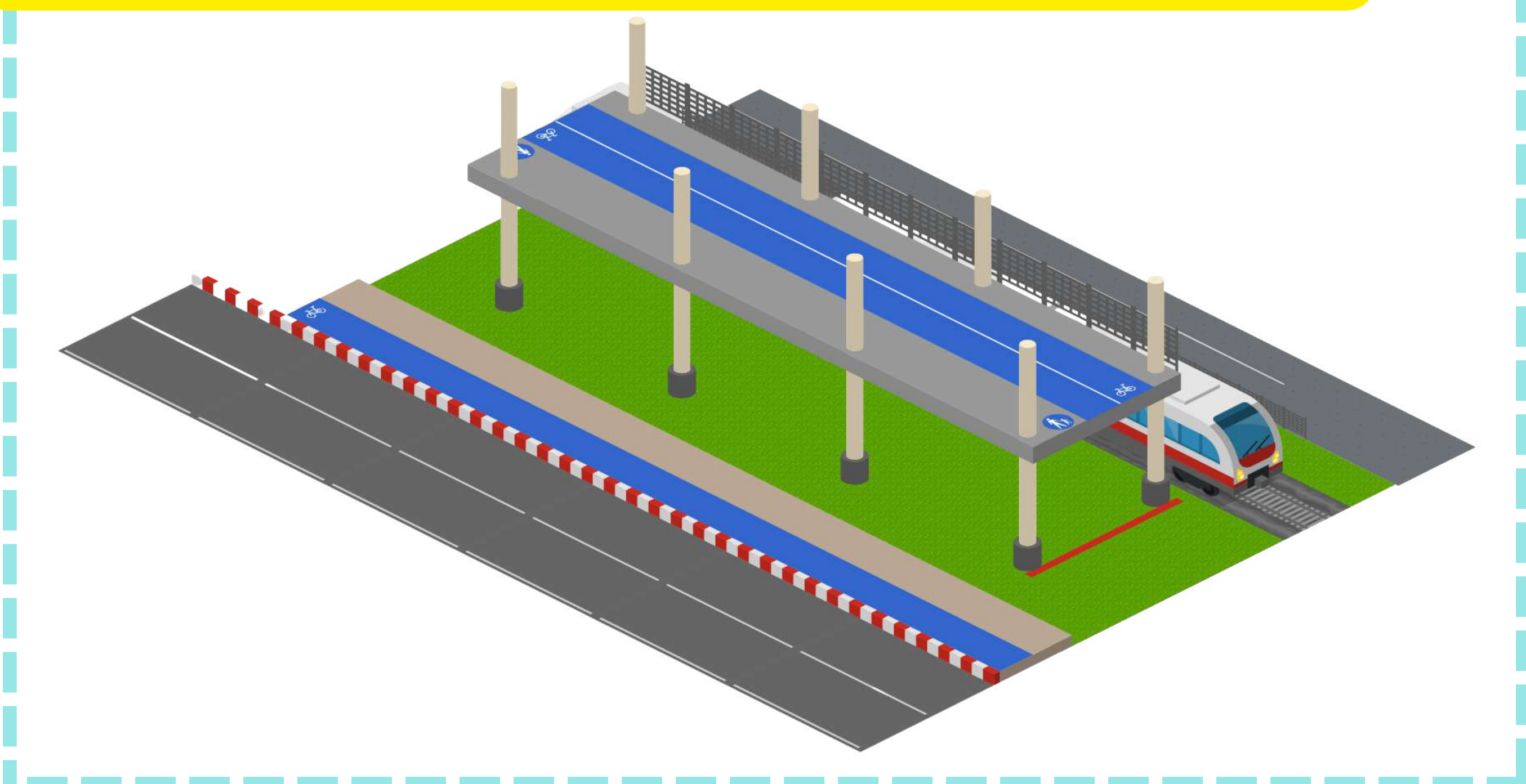
Hand-drawn Design for Bike Paths and Sidewalk



Our Proposal to the Area around Arun Ammarin Bridge



Design for Bike lanes above Siriraj Station



Faculty of Medicine
Siriraj Hospital
Mahidol University
Est.1888



THE 4 ELEMENTS MEMBER

THANATHORN KHUMCHAROEN
KRITTANUT TEERAMOKE
KAMOLWAT SUPANT
AFFAN MADWANG

References:

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Siriraj Hospital (<https://www.si.mahidol.ac.th/wayfinding/>)



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Wisdom of the Land

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Siriraj Applied Thai Traditional Medicine