

Walking in TST

Presentation to HFC

18 July 2012

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Walkability

A key component of a city's **LIVEABILITY**

- Global trend**
- Walking is good to **health** and the **environment**
 - **Pedestrian-First** Approach to city planning.
 - “People will walk when they can sit...”
 - Pedestrian network is the city's most important public space, not only for transport, but also for **social life**

Walkability

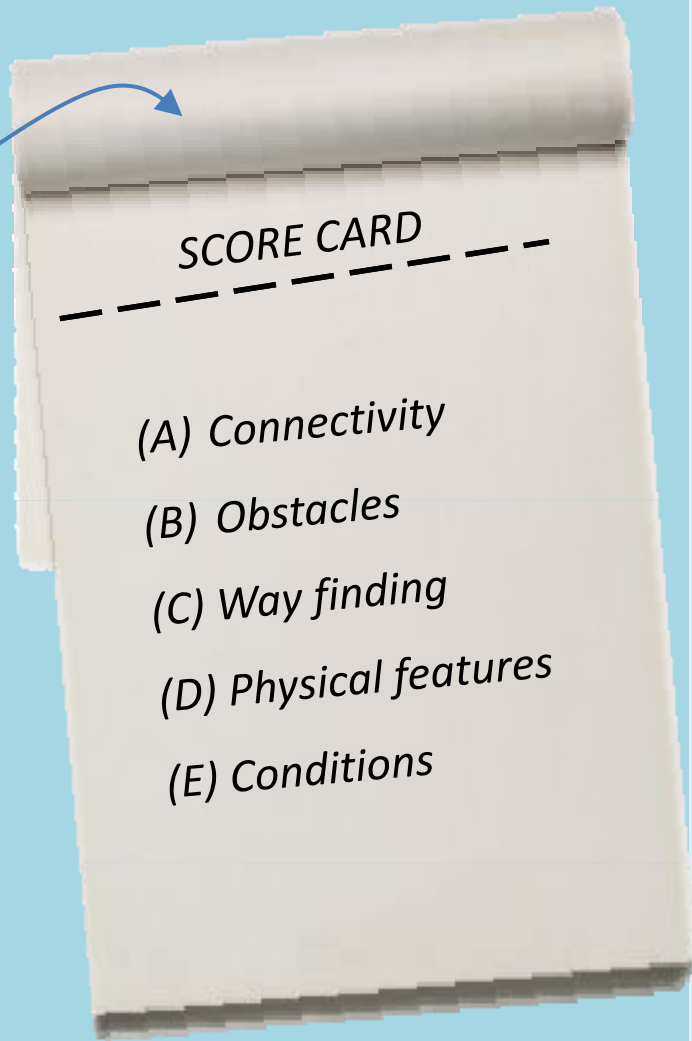
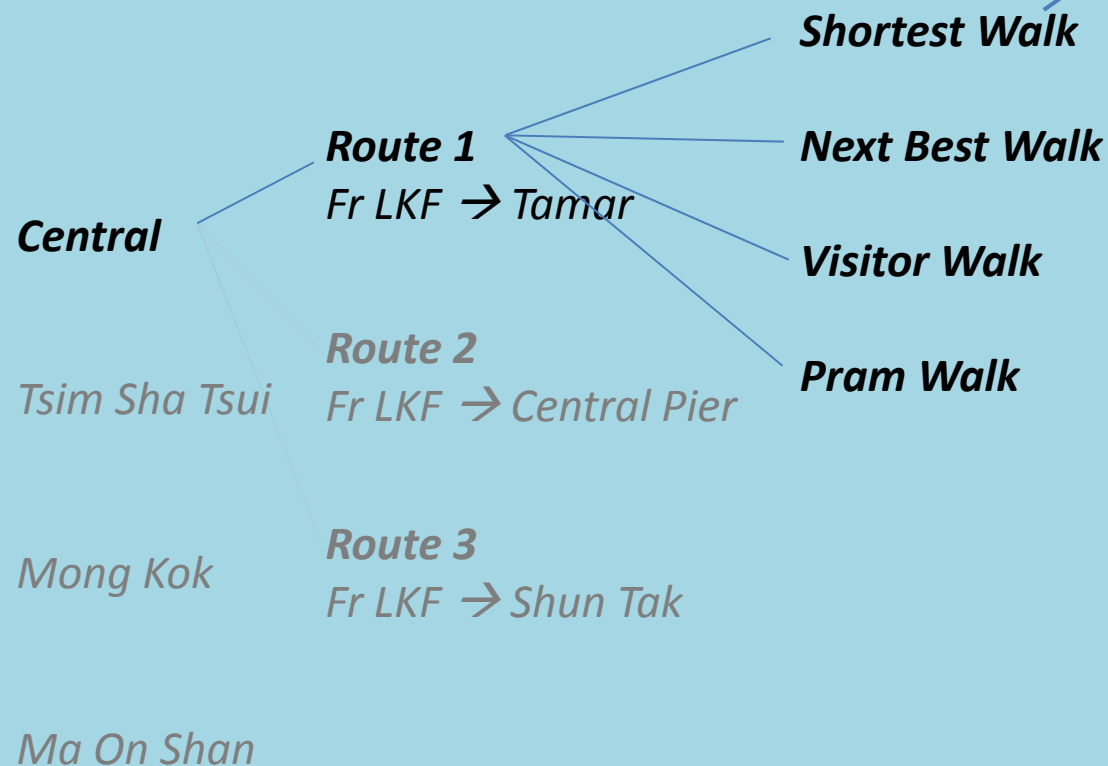
A key component of a city's **LIVEABILITY**

- Hong Kong**
- **80%** of Hong Kong people walk everyday
 - Hong Kong is a walkable city: you **don't need a car** to get around
 - However, pedestrians face **obstacles**: poor connectivity, level changes, over-crowding, conflict with vehicles, inclement weather, air and noise pollution
 - The **challenge** is how to make it enjoyable for people to walk longer and further

Field Study

March - April 2012

@ Central | Tsim Sha Tsui | Mong Kok | Ma On Shan



Study Area

Tsim Sha Tsui

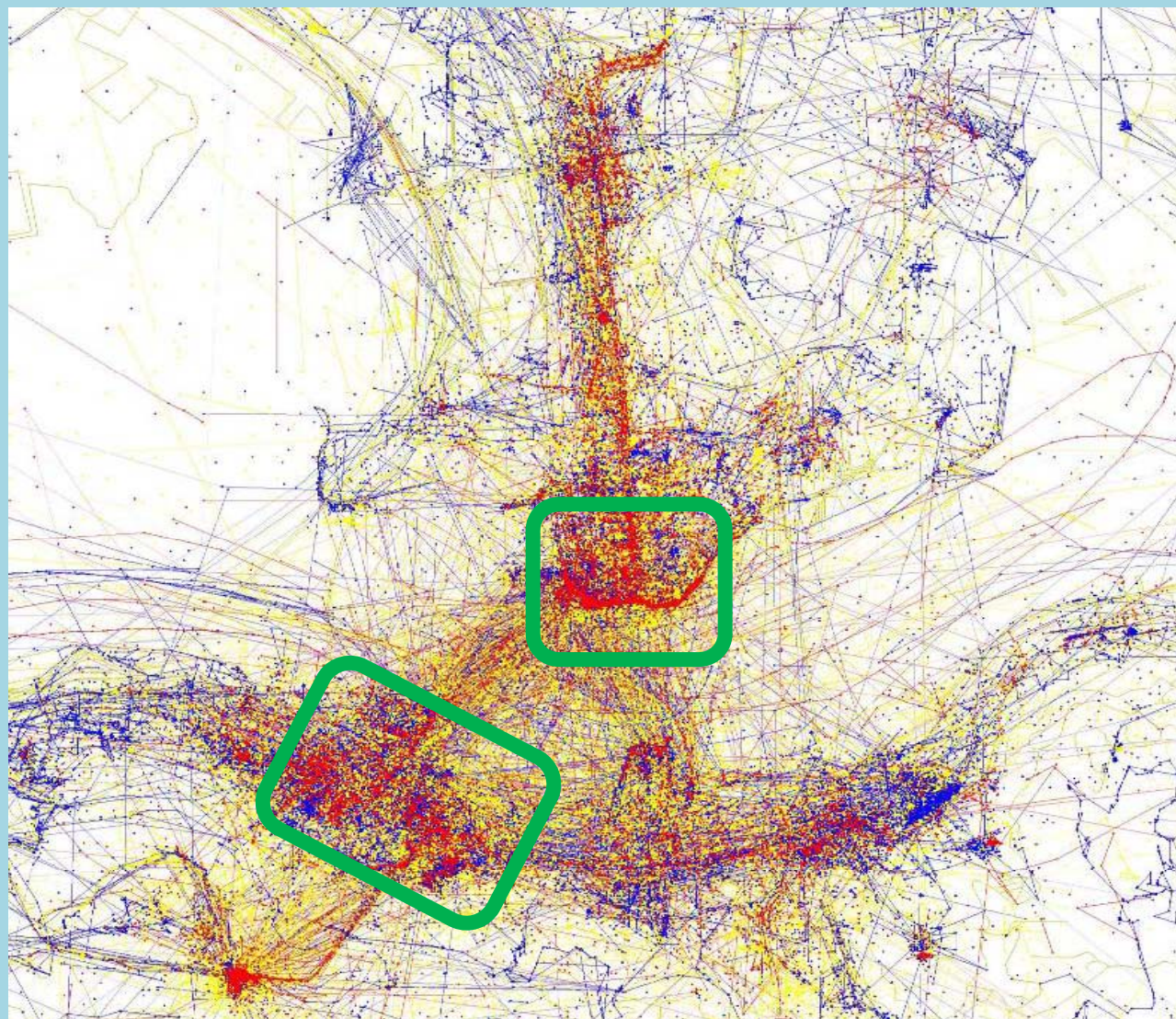


Top 10 Tourist Destinations – 2008/09

排名Rank		曾遊覽之地方 Places Visited	百分比 %	
2008	2009		2008	2009
1	1	太平山頂／山頂凌霄閣 Victoria Peak / Peak Tower	33	31
2	2	星光大道 Avenue of Stars	26	28
3	3	露天市場 - 女人街 Open-air Market - Ladies Market	25	24
4	4	海洋公園 Ocean Park	18	17
5	5	香港迪士尼樂園 Hong Kong Disneyland	16	17
7	6	露天市場 - 廟街 Open-air Market - Temple Street	14	15
8	7	尖沙咀前九廣鐵路總站鐘樓 Clock Tower at Tsim Sha Tsui	14	15
9	8	尖沙咀海濱公園 Tsim Sha Tsui Waterfront Promenade	12	14
6	9	香港會議展覽中心 (包括金紫荊廣場) HK Convention & Exhibition Centre (including Golden Bauhinia Square)	14	13
10	10	淺水灣 Repulse Bay	12	10

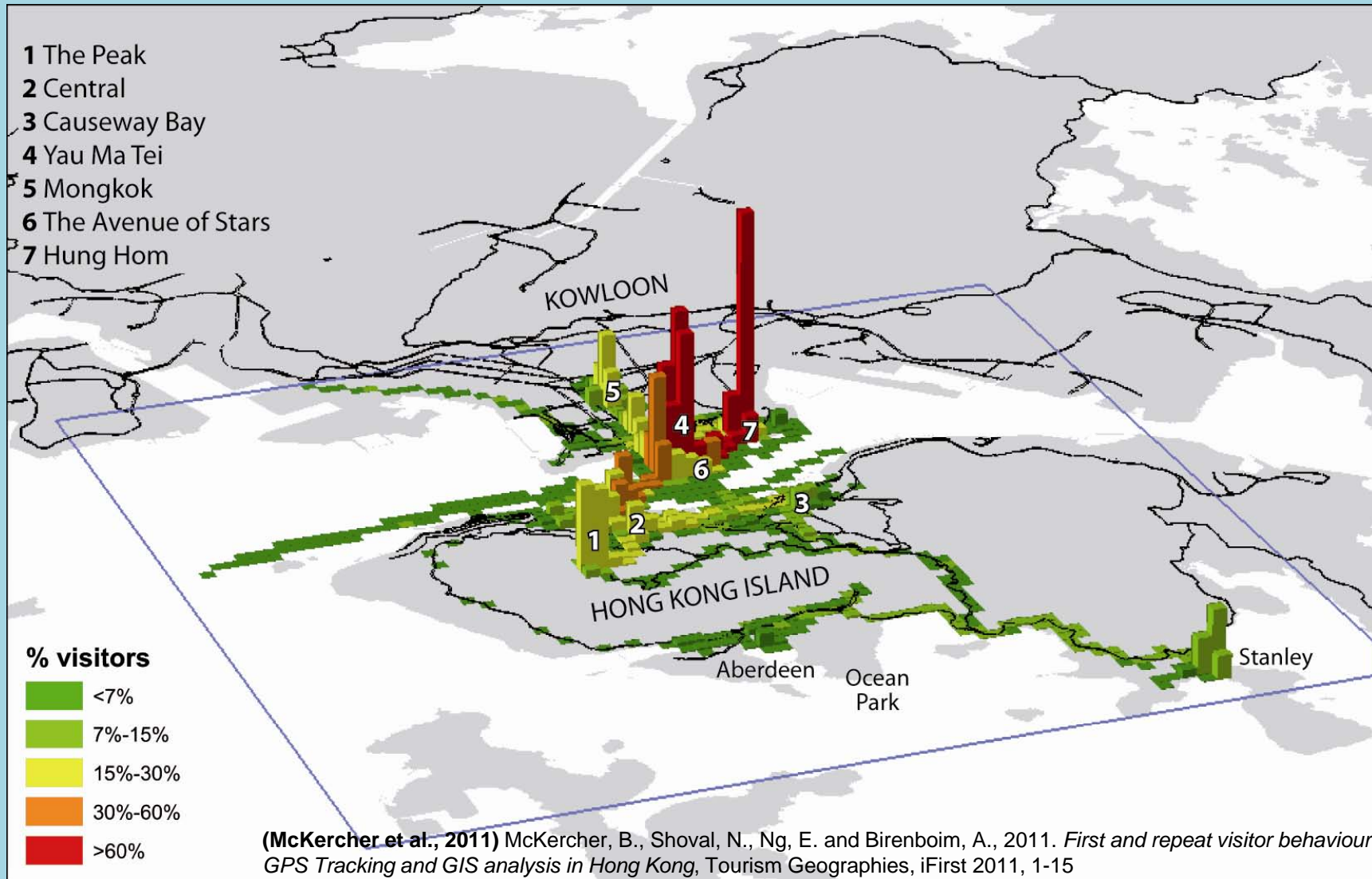
Source of photos uploaded via Flickr

BLUE – Locals
RED – Tourists



Source: <http://www.flickr.com/photos/walkingsf/4671557223/in/set-72157624209158632/>

Tourists tracked with GPS



Study Area Tsim Sha Tsui



OD1	K11(Awfully Chocolate)	Avenue of Star (Bruce Lee Statues)		
OD1	Direct Distance	Walking Distance	Energy Distance	Time (min:sec)
Shortest walk	472.64m	720.74m	767.07m	15m50s
Visitor walk		1120 m	1131.24m	19m20s
Next best walk		894.43 m	1126.45m	16m21s
OD2	K11(Awfully Chocolate)	Museum of Art (Escalator)		
OD2	Direct Distance	Walking Distance	Energy Distance	Time (min:sec)
Shortest walk	455.43m	705.38m	733.67m	9m56s
Visitor walk		787.27 m	821.65m	12m23s
Next best walk		660.01 m	974.75m	10m45s
OD3	K11(Awfully Chocolate)	Marco Polo Hong Kong Hotel (Entrance at Canton Road)		
OD3	Direct Distance	Walking Distance	Energy Distance	Time (min:sec)
Shortest walk	468.97m	692.93m	760.14m	12m14s
Visitor walk		947.72 m	1085m	14m10s
Next best walk		674.31 m	878.82m	12m56s
Pram walk		947.82m	--	18m15s
OD4	K11(Awfully Chocolate)	West Kowloon Culture District (Fire Station at Canton Road)		
OD4	Direct Distance	Walking Distance	Energy Distance	Time (min:sec)
Shortest walk	690.93 m	901.72 m *	912.47m	15m54s*
Visitor walk		1110 m	1114.79m	18m22s
Next best walk		961.87 m	2103.27m	18m12s

Common Issues

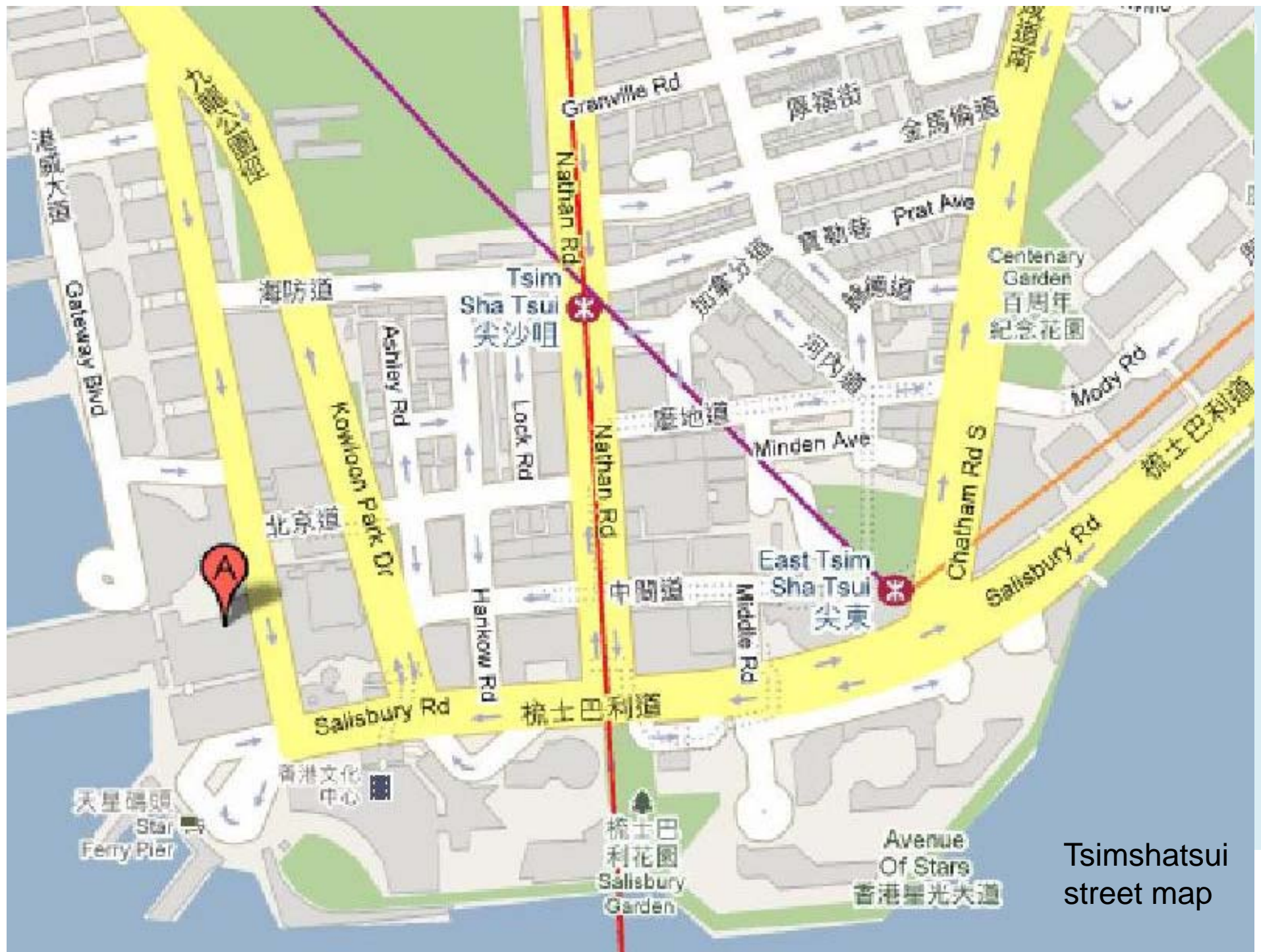
- Long detours and level changes
- Street obstacles
- Universal access
- Lack of seating
- Street aesthetics
- Way-finding obstacles



- Crossroads for Cars
- At-grade crossing
- Subway
- Footbridge

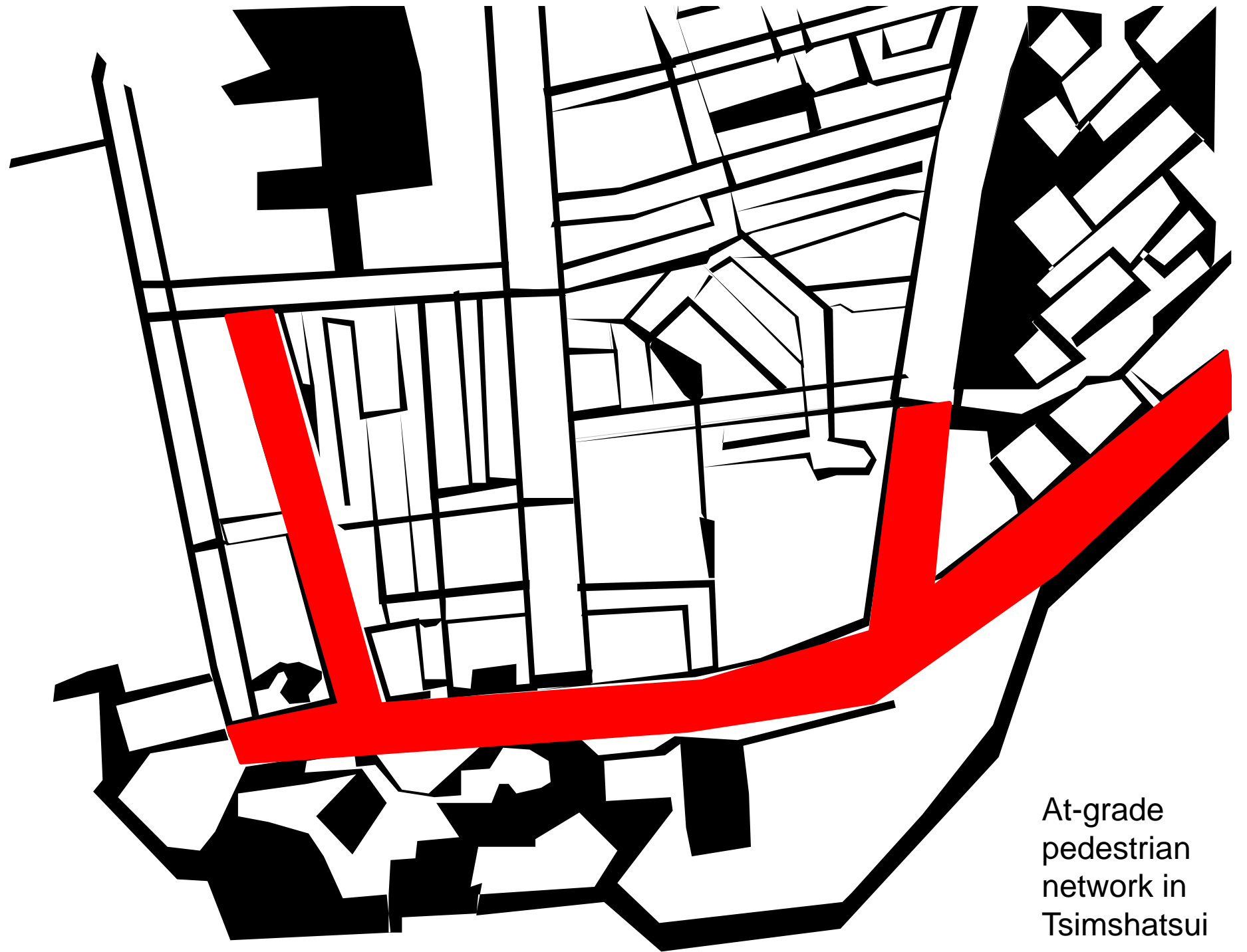
Missing street level crossings

UNIQUE ISSUES - TSIM SHA TSUI



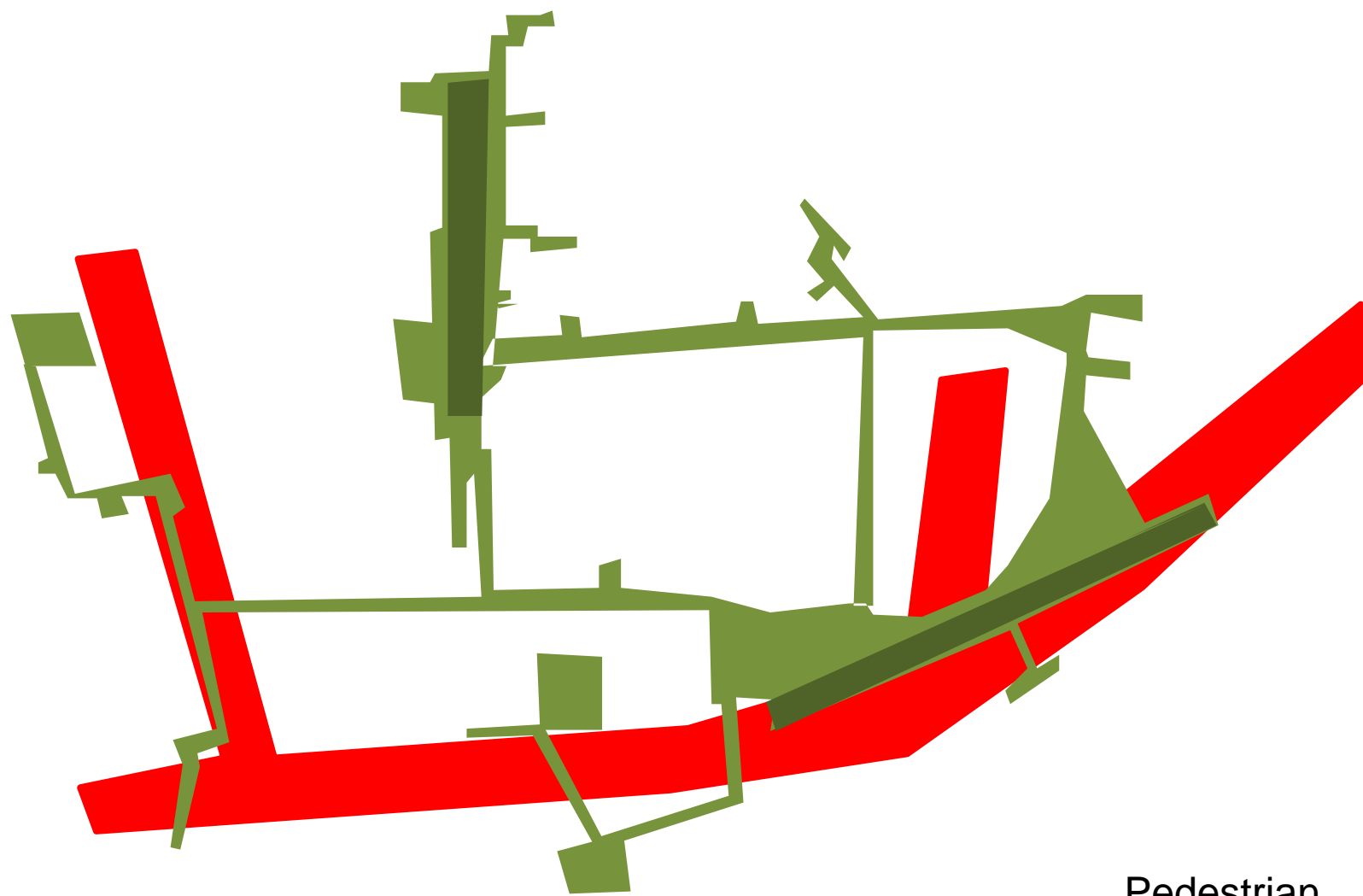
Tsimshatsui street map





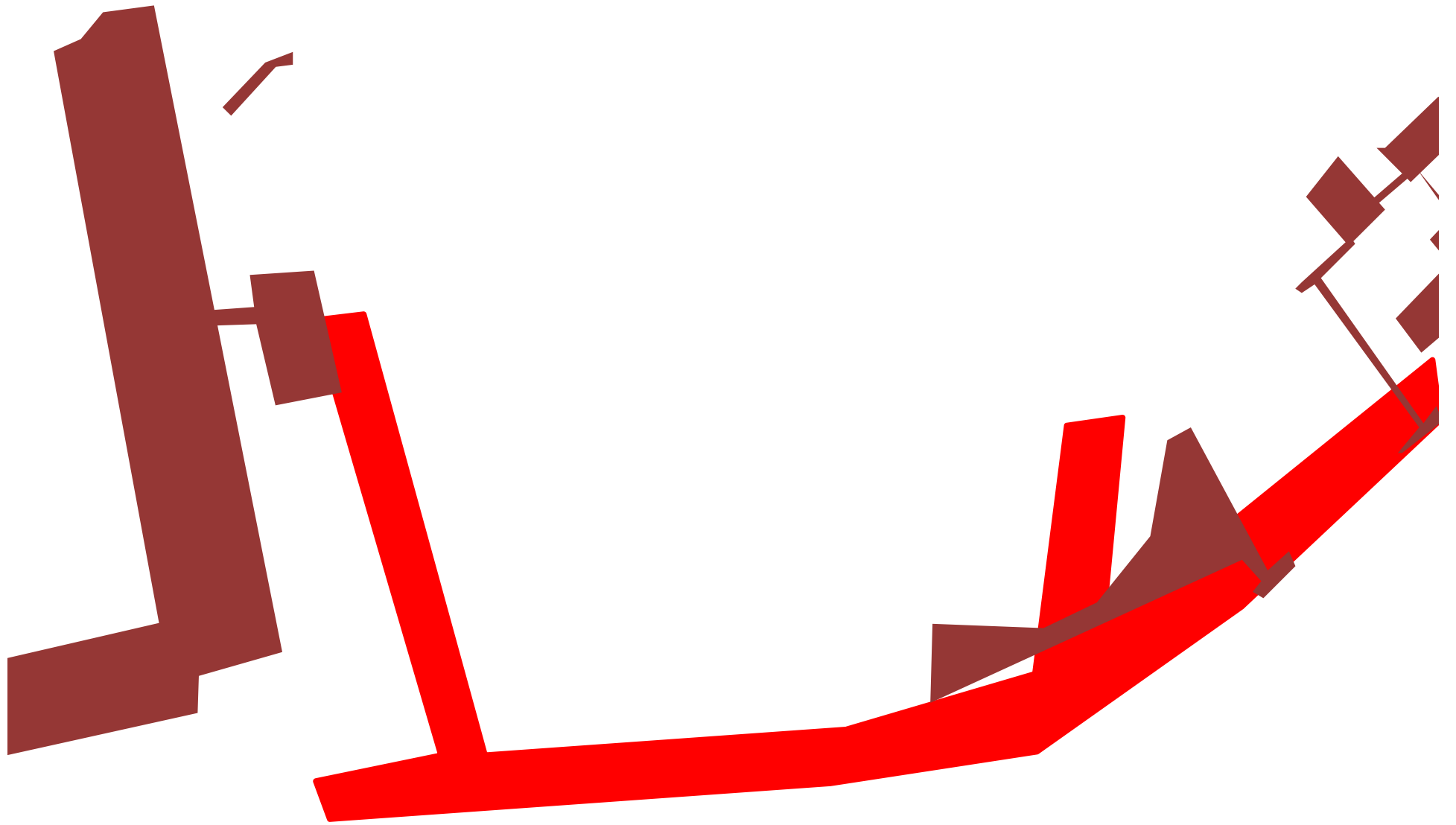
At-grade
pedestrian
network in
Tsimshatsui





Pedestrian
subway
network in
Tsimshatsui





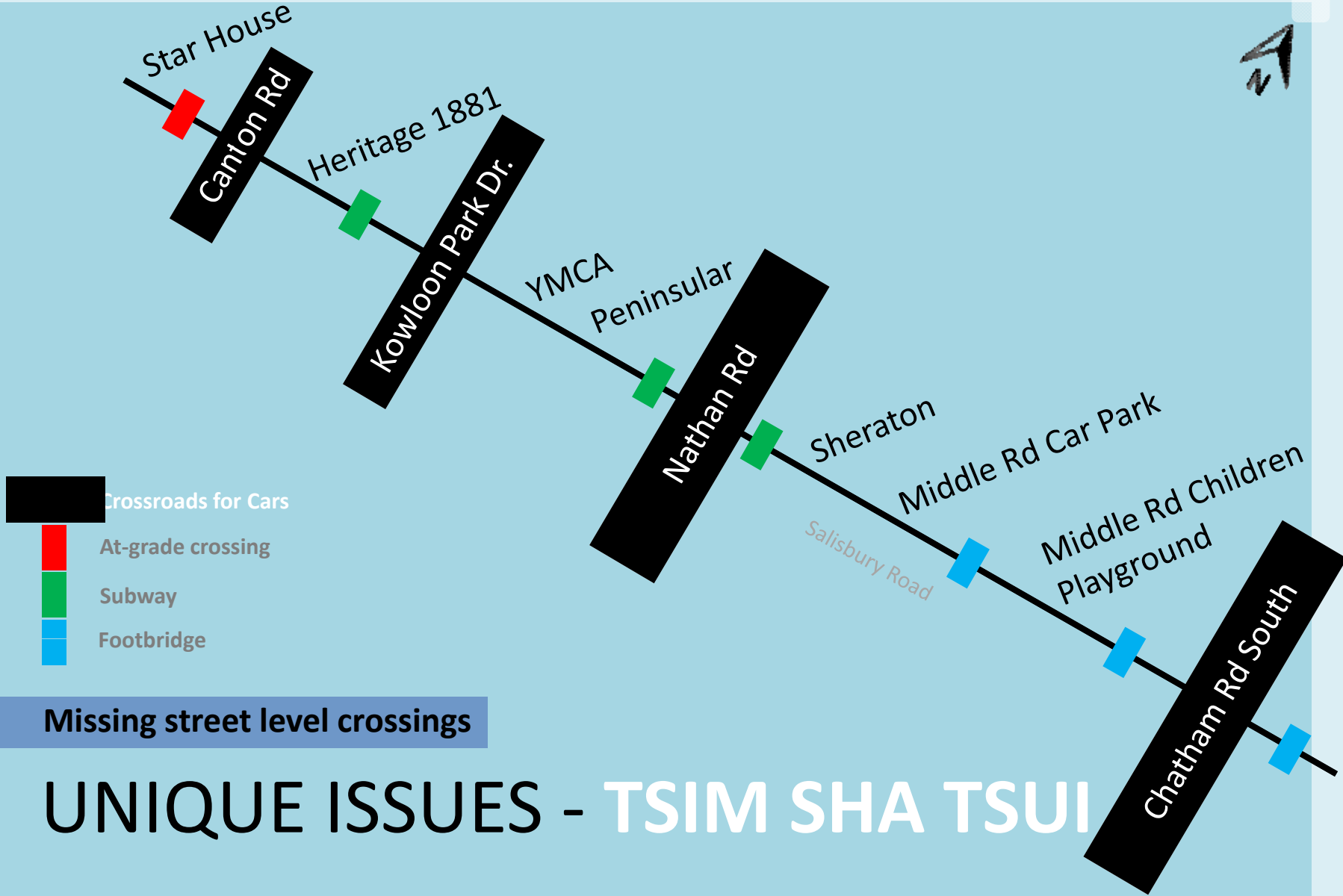
Elevated
pedestrian
network in
Tsimshatsui



3 pedestrian networks in Tsimshatsui



Combined

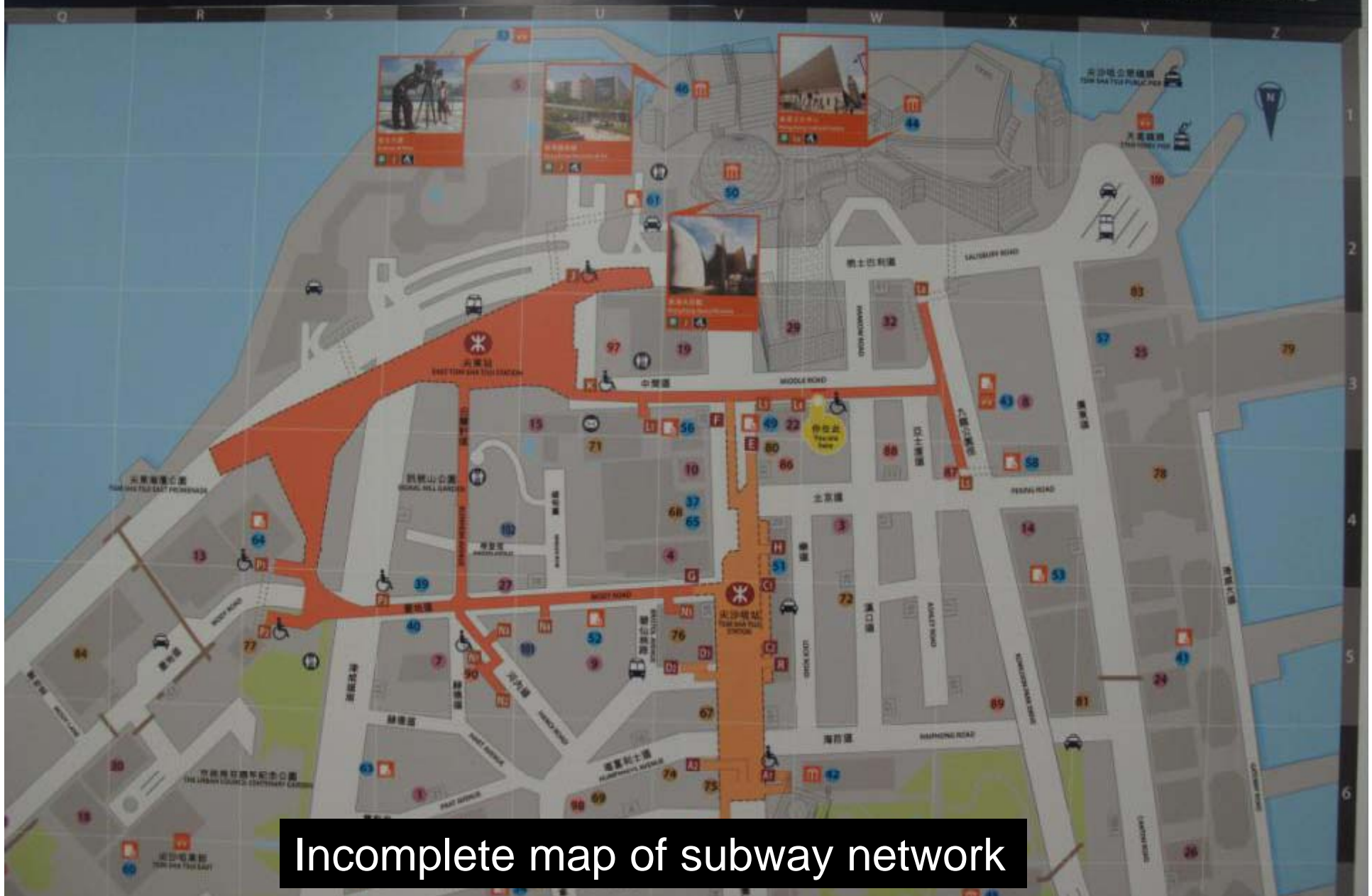


Missing street level crossings

UNIQUE ISSUES - TSIM SHA TSUI

尖沙咀/尖東站街道圖及旅遊熱點

Tsim Sha Tsui / East Tsim Sha Tsui Station location map with local tourist attractions



Incomplete map of subway network

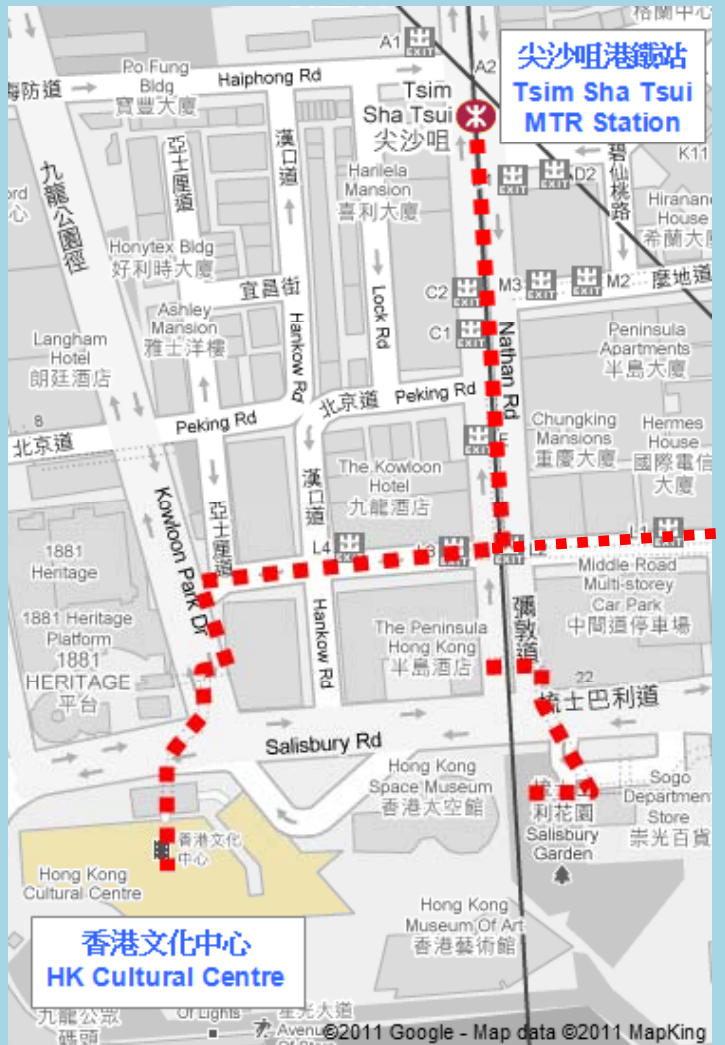
尖沙咀/尖東站街道圖及旅遊熱點

Tsim Sha Tsui / East Tsim Sha Tsui Station location map with local tourist attractions

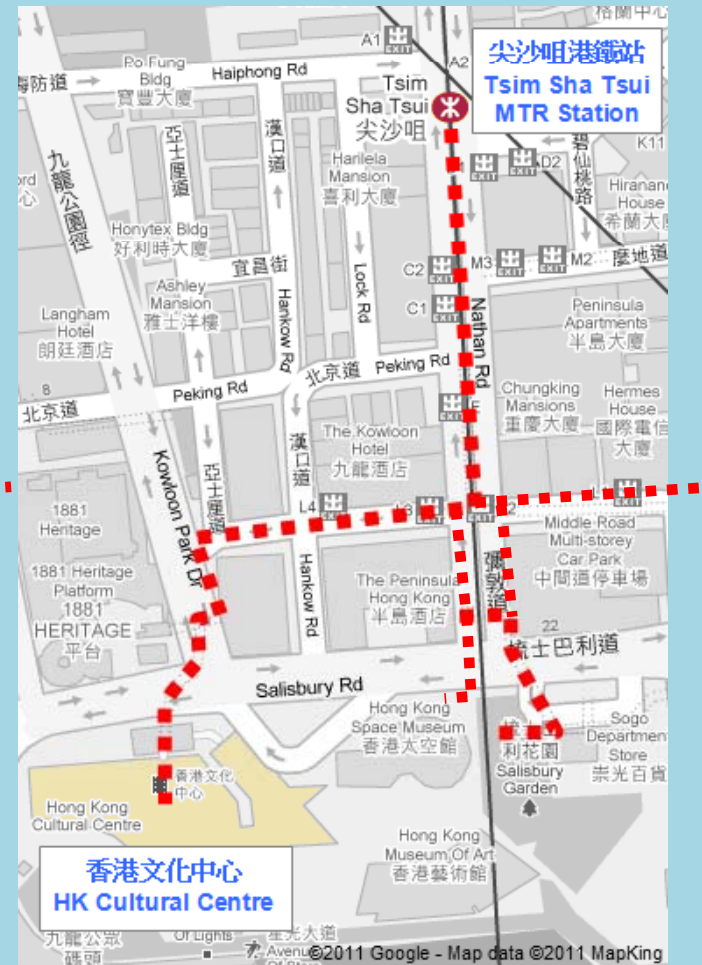


Complete map of subway network

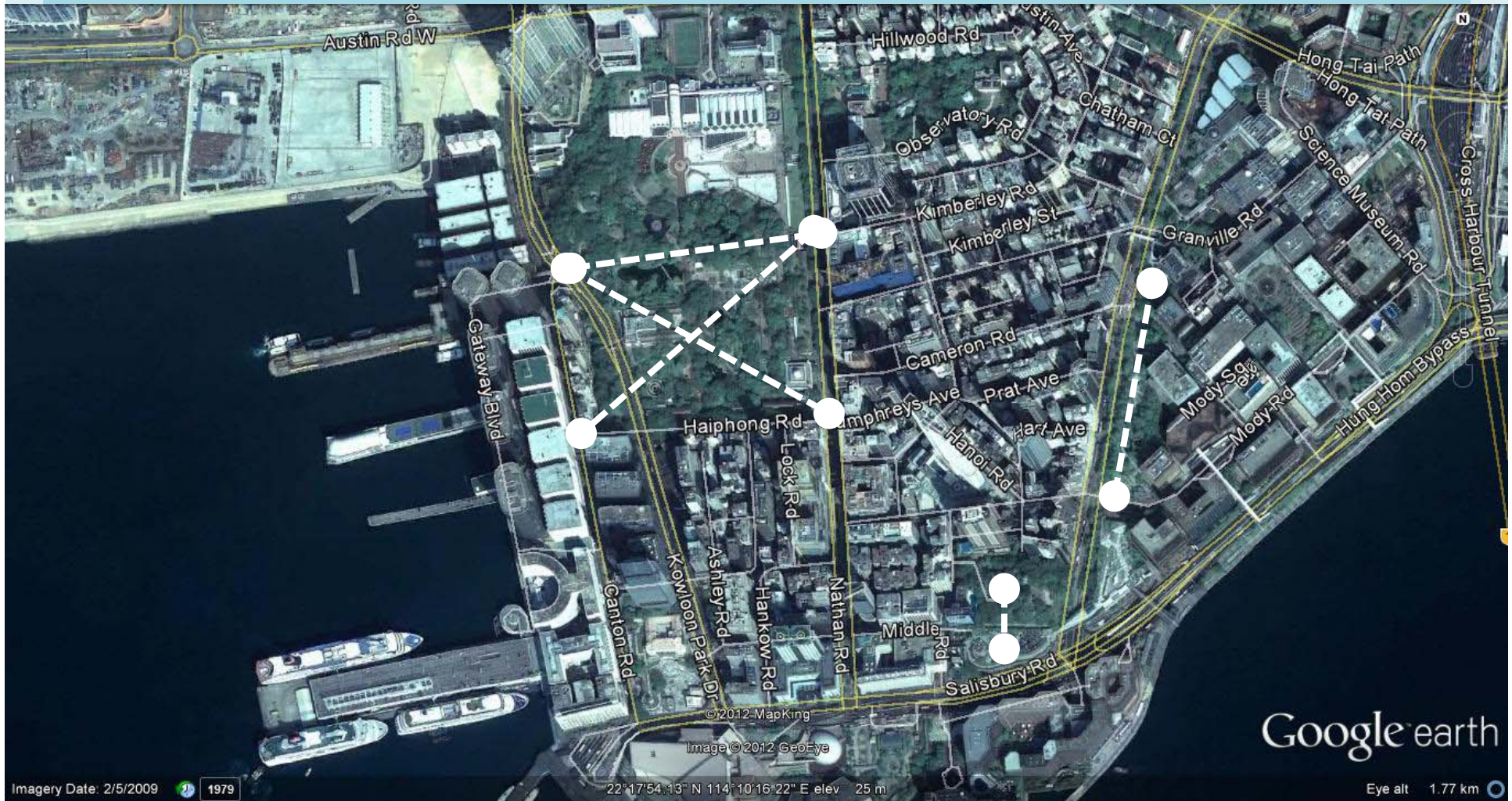
Crossing at grade to waterfront



Subway straight across Salisbury Road



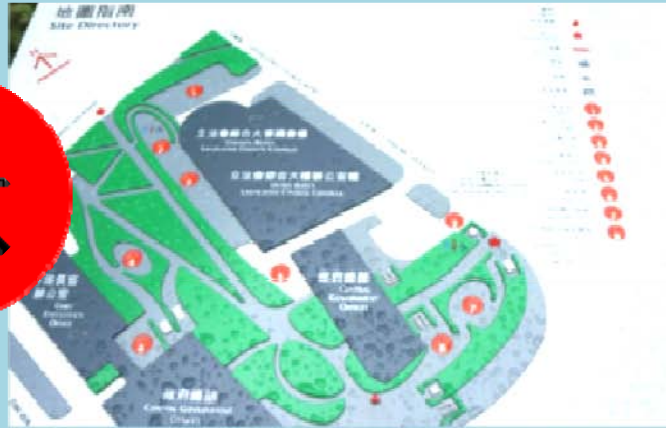
Labyrinth parks and open spaces



City of obstacles



Which way is North?





Way finding for pedestrians in TST

UNIQUE ISSUES - TSIM SHA TSUI



Way finding for pedestrians in TST

UNIQUE ISSUES - TSIM SHA TSUI

Recommendations

- Plan for district networks, not just station networks
- Prioritize pedestrian connectivity at street level
 - Crossing of Salisbury Road in front of the Peninsula
 - Crossing of Kowloon Park Drive at Peking Road
 - Widen effective footway (remove obstacles, widen pavement)
 - Integrate parks and properties into pedestrian network planning

Recommendations

- Provide comprehensive climate controlled grade separated network
 - Consolidate all below ground links as one network
 - Expand the underground network
 - Direct link from the MTR station to the waterfront
- Branding of the grade separated network
 - Naming and icon
 - Name each tunnel (same name as road above)
 - Extent visual identity of properties underground (land marks)
 - Standardize direction signage to entrances
 - Standardize maps and direction signage inside
 - Replicate a busy street: shops, seating, busking, ...

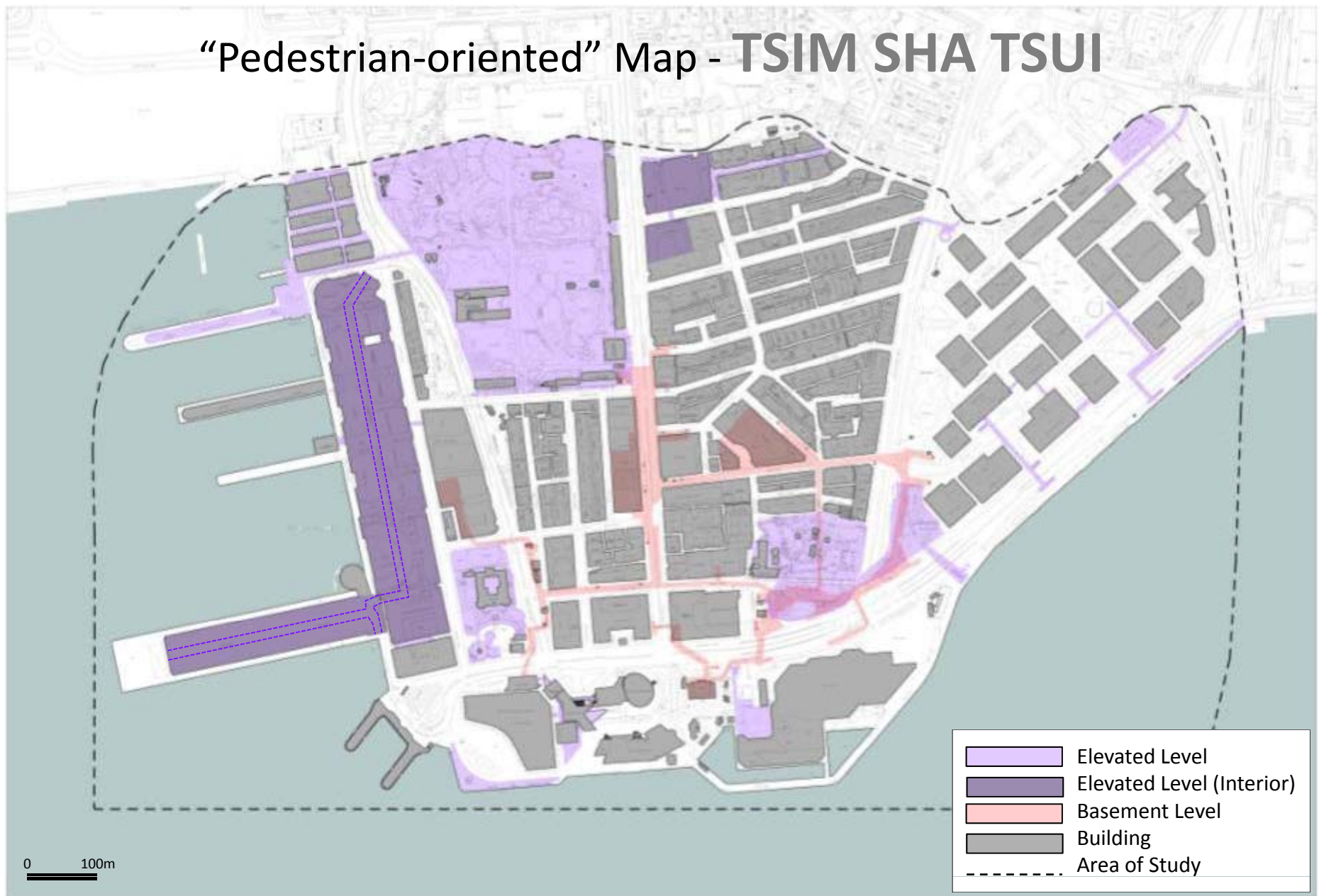
Recommendations

- Enhance way finding
 - Develop a mapping system for a layered city
 - Create navigation applications for handheld and other devices
 - North is north
 - Create one consolidate pedestrian information system irrespective of ownership
 - Single naming system for entrances & exits
- Enhance finding of barrier free access
 - Identify barrier free routes
 - Directional signage to barrier free access facilities
 - Notices (such as lift repair) should be bilingual

Navigation in a Layered City

- Hong Kong as a layered city
- The loss of intuitive way-finding
- Not helped by design inconsistency, incomplete maps, inconsistent signage because of different ownerships
- New mapping systems and navigational tools required

“Pedestrian-oriented” Map - TSIM SHA TSUI

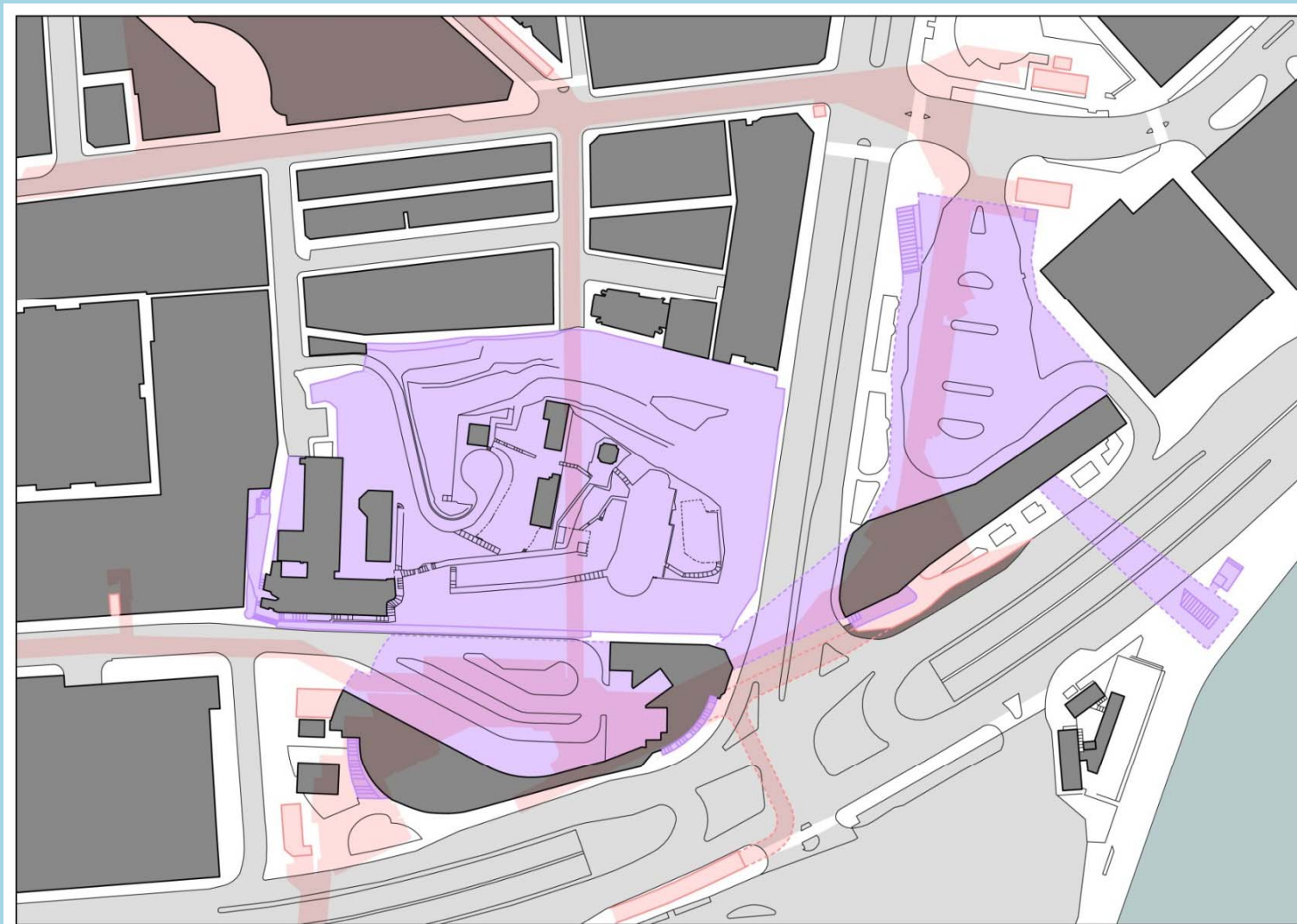


Area of Study
TSIM SHA TSUI EAST



0 100m

Area of Study
TSIM SHA TSUI | *Ground Floor Plan*



+1
GF
-1

Oren Tatcher, OTC Limited, <http://www.otcpd.com/>