

Transjakarta

separator

NEW Street and People Oriented design

Study case: Jakarta, Indonesia





- Prioritizing Cars
- Unsterilized Bus Lane
- Small & unclear sidewalk
- Move the pedestrian away from the street

4

1

2

3



1

2

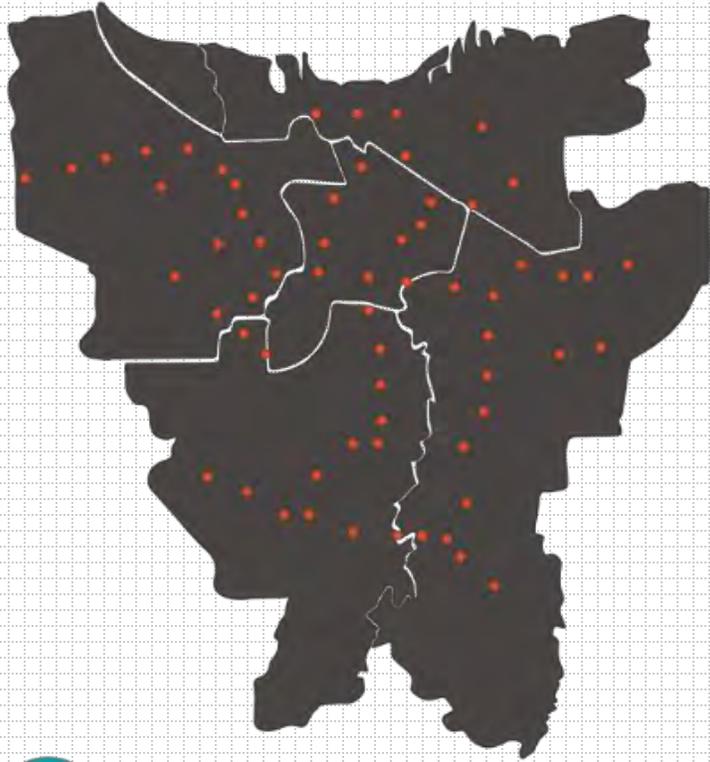
Even in secondary or urban village streets, city makes people do not have safe space to walk

“CITIES are **human habitats** and we
humans are **PEDESTRIANS.”**

Just as fishes need to swim or birds need to fly, humans need to walk

- Enrique Penalosa -

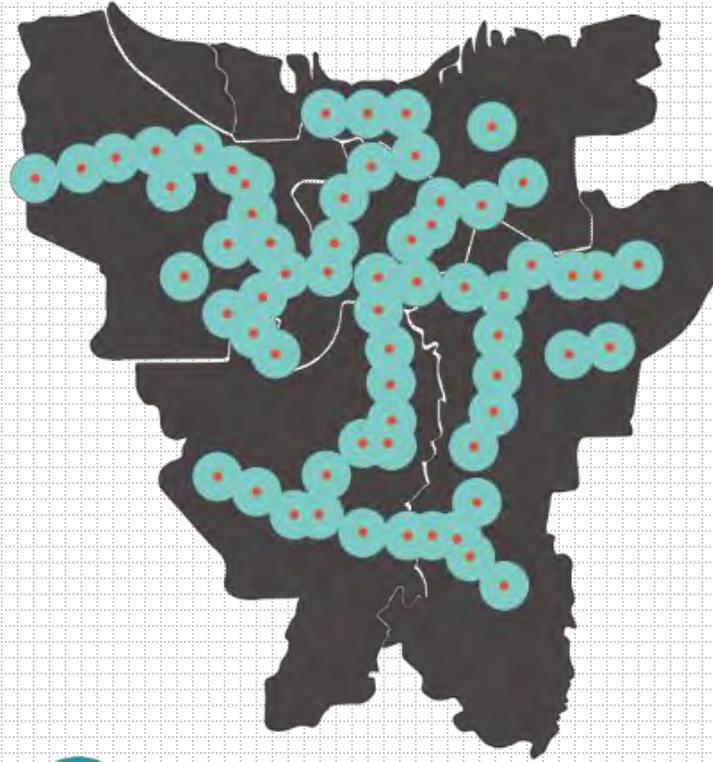
How to Plan



1

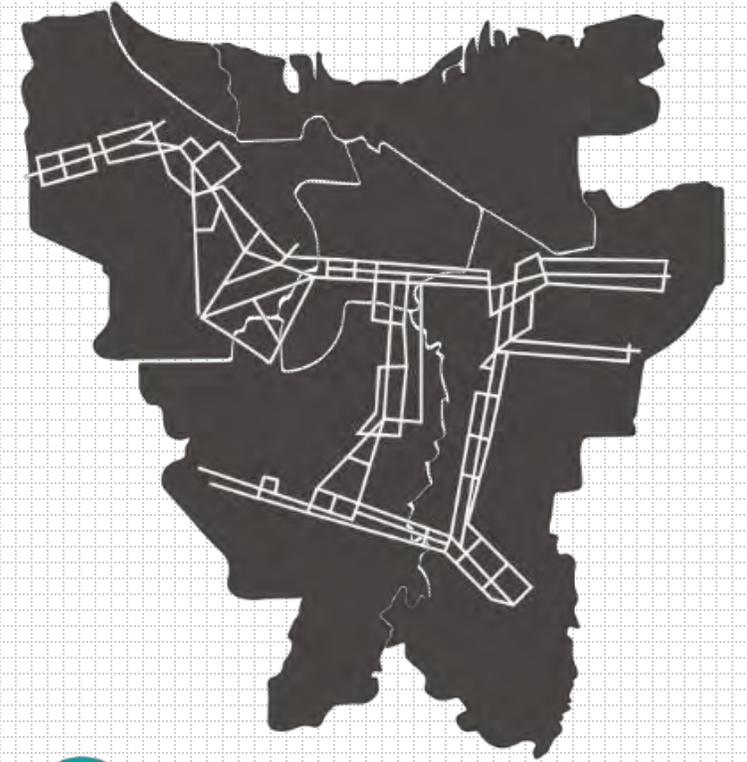
Mapping all the transits

(Transjakarta, KRL, MRT, LRT)



2

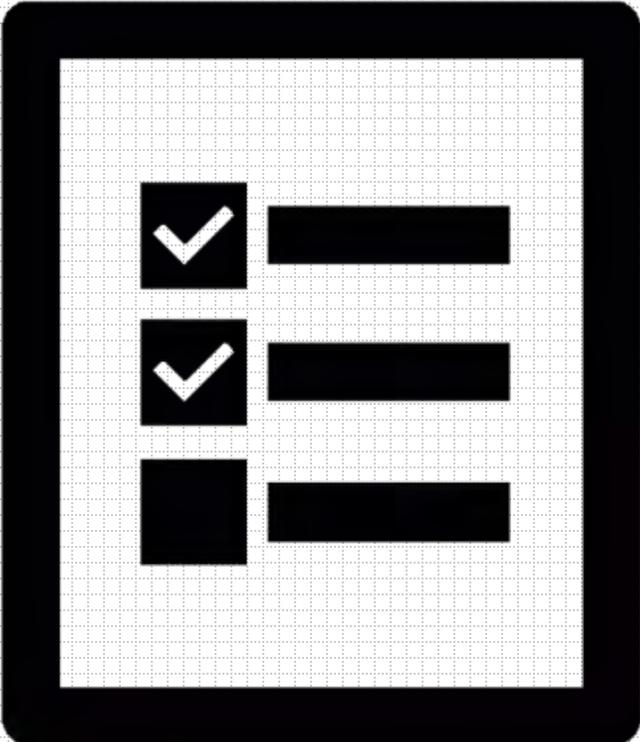
Buffering 500m



3

Choose the streets and areas

How to Plan

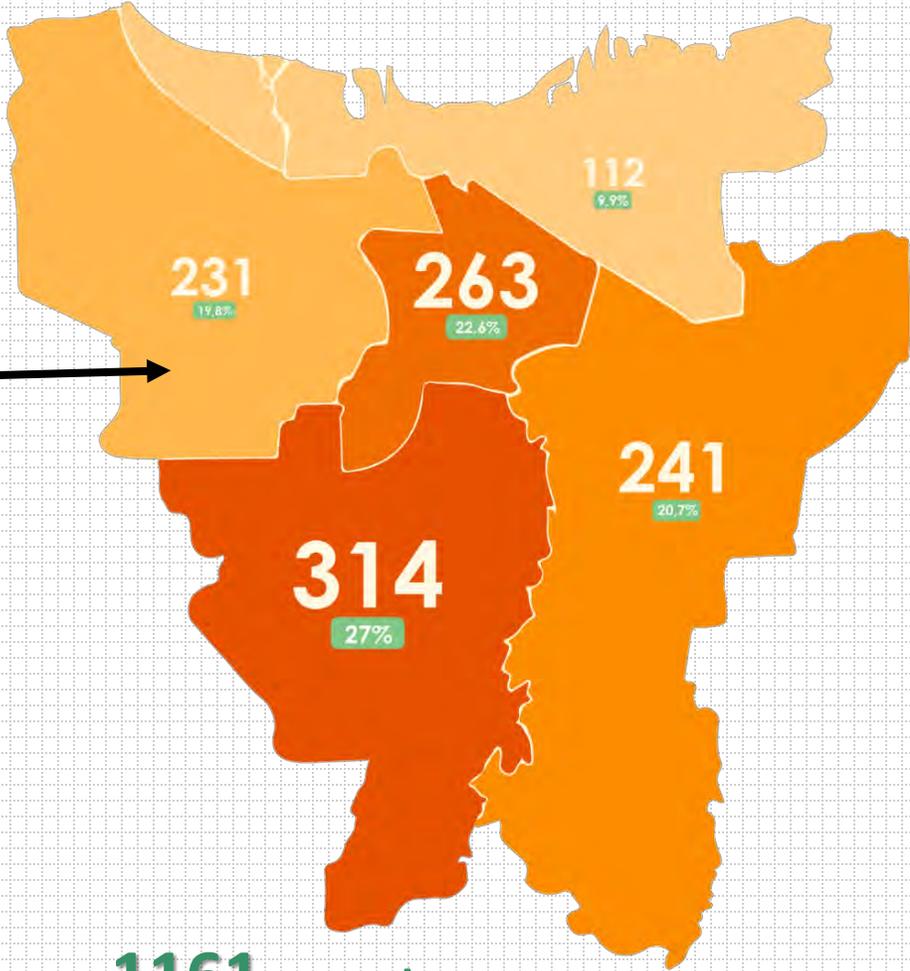


4

Making Priority

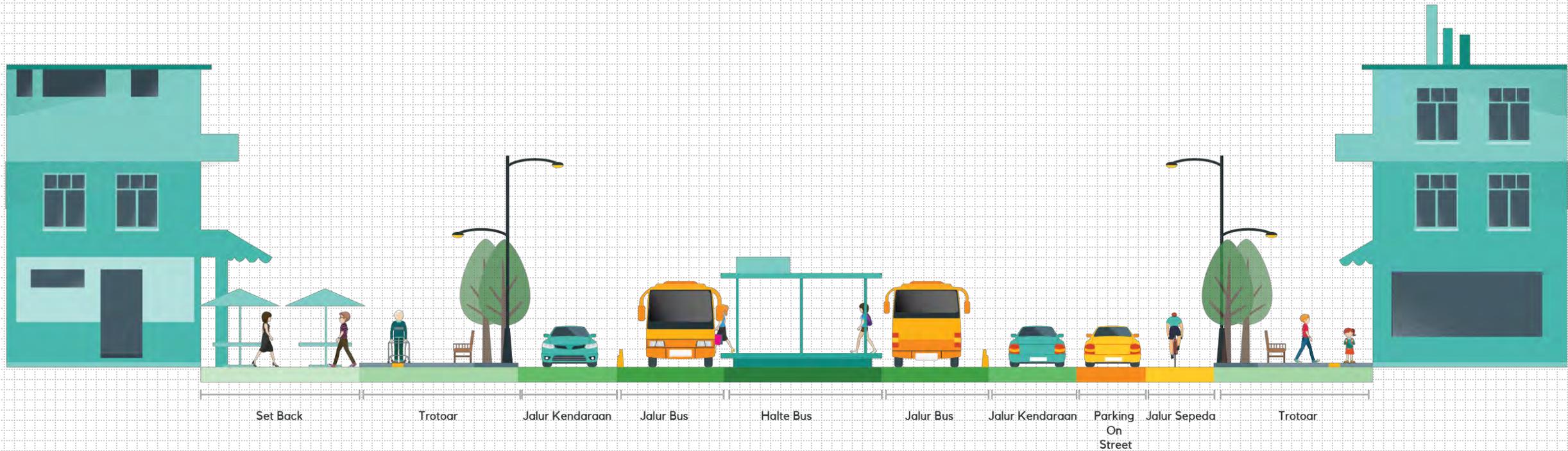
Factors to define priorities:

- Number of Passengers
- Public Participation (QLUE Apps)
- POI
- Potency of Integration



1161 reports
disturbance on sidewalks

How to Design



Complete Street

a Start with the space for people (sidewalk)

b Put the dedicated bus lane (and/or bike lane)

c Less space for private vehicles lane (push to shift)

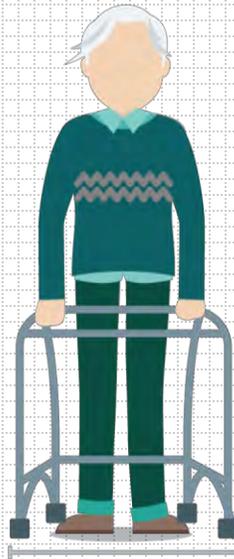
How to Design



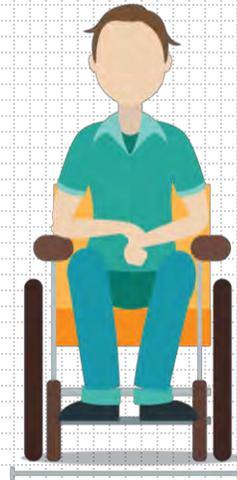
0,5 m
Anak-anak



0,6 m - 0,7
Dewasa



0,7 m
Orangtua
dengan Tongkat



0,75 - 0,8 m
Pengguna
Kursi Roda

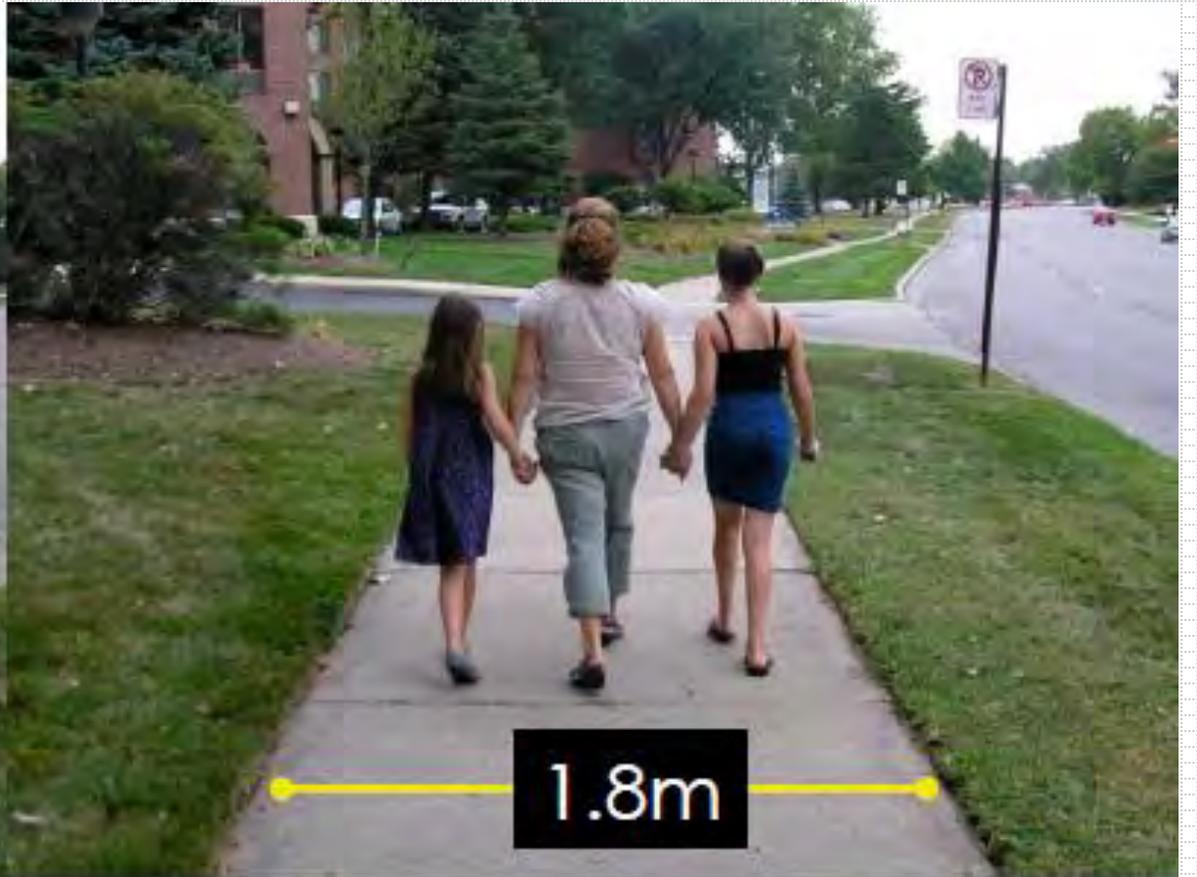


0,75 - 0,9 m
Orang
Membawa Barang



1,5 - 1,8m
Ruang Gerak
Putar dengan
Kursi Roda

Why 1.8m?



Why 1.8m?

Toledo, USA

The Principles

COMPLETE



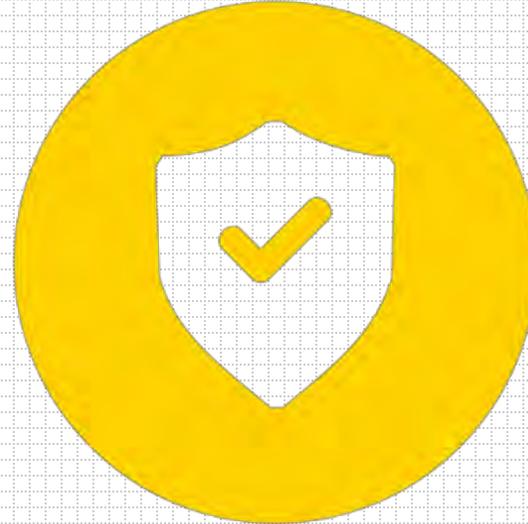
- Walkways
- Crossings
- Access to Transit
- Complementary Uses
- Access to Food
- Access to Public Spaces

COMFORT



- Speed
- Lightings
- Bollards
- Driveways Density
- Pedestrian Refuges
- Sidewalk Extension
- Curbs

SAFETY



- Shades and shelters
- Active Frontage
- Permeable Frontage
- Small Blocks
- Seating
- Tree/Plant/Landscape
- Waste Bins
- Place making

UNIVERSAL



- Tactile
- Wayfinding
- Signage
- Ramps

How to Implement



Government

- Support and do the data collection and analysis for the recommendation
- Support the design guidance by launching the Jakarta NMT Vision & Design Guideline
- Give assistance on construction period
- Hold workshop to the several related agencies

Public

- Site visits
- Walking tours
- Public discussions
- Park(ing) day
- Crowd content on social media
- #PedestrianFriendly Certifications

Recent Issues

Pedestrian bridge near HI traffic circle to be dismantled

JP News Desk
The Jakarta Post

Jakarta | Mon, July 23, 2018 | 10:36 am

Like



Commentary: Down with bridges, let's reclaim our streets

Evi Mariani
The Jakarta Post

Jakarta | Wed, August 1, 2018 | 09:27 am

Like



New pelican crossing installed for pedestrians' convenience

JP News Desk
The Jakarta Post

Jakarta | Tue, September 4, 2018 | 08:56 pm

Like



Not Only in Indonesia

← Tweet

 **iGrow Naija (BNGN 🇳🇮 🇵🇸)**
@Unclebm_PR

Abeokuta.

The longest pedestrian bridge in sub-Saharan Africa. AKA bridge of confusion.

If you can cross this bridge without missing turn, You are in full control of your destiny.



3:36 nm · 28 Aug '18

Tweet your reply

• ≡ □ ←



3,926 views

0:09 / 0:11



2

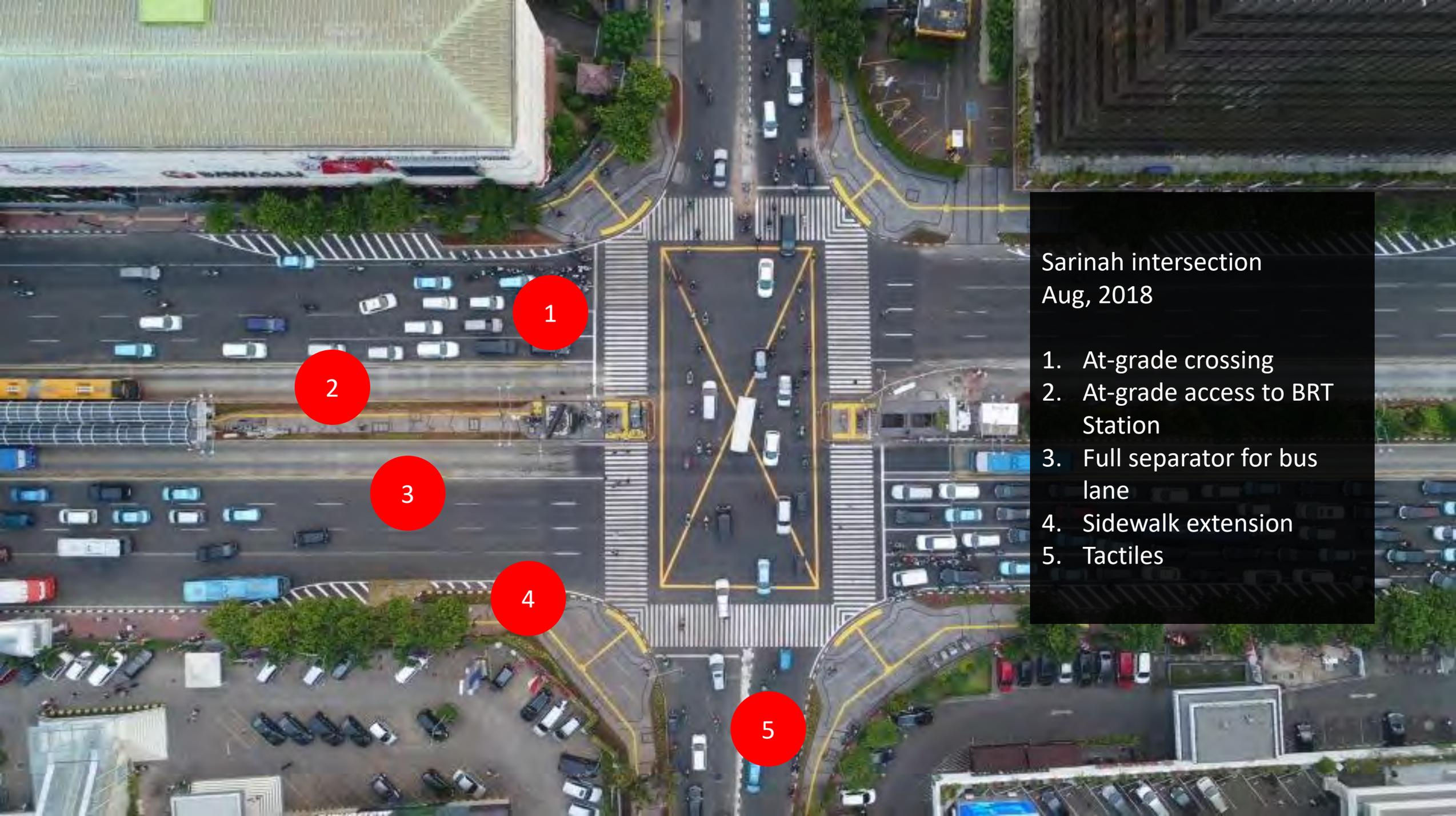
1

3

Sarinah intersection
Feb, 2018

1. No at-grade crossing
2. Bridge to cross and to access BRT station
3. No bus lane separator





Sarinah intersection
Aug, 2018

1. At-grade crossing
2. At-grade access to BRT Station
3. Full separator for bus lane
4. Sidewalk extension
5. Tactiles

Public Collaboration



Discussion with women



Interviewing elderly



Children mapping



Children activities



Drawing my kampung



Interviewing disabilities



Men discussion

Public Collaboration



Invite any locals, volunteer, and students to join the field survey or to score the neighbourhood

Public Collaboration



Conducted by UN Women and was assisted by ITDP, the mapping process was done by invite locals women on defining safe streets, its elements, and draw the map

Thematic improvement
based on collaboration with
locals



1

LED installation

2

Chalkboard paint

3

Games installation



Thematic improvement
based on collaboration with
locals



1. Transjakarta Danau Agung Station
2. Public Space
3. Open Space
4. Mural Wall
5. *Bank Sampah*
6. Mural Wall
7. Healthy House
8. House of Pak Tarno
9. Composting Alley
10. Lapangan Putih

Group Exercise

Divide the participants into 3 groups

Do the walking audit

Do not forget to take notes and pictures

Discuss the findings & the feelings

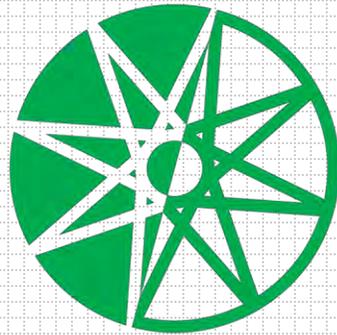
Go back to the room and write, draw, or do anything with the tools

Recommend the ideas

It can be detailed strategies with the steps or general short plan

Present the ideas

Do 5 minutes group presentation & share the ideas



ITDP

Institute for Transportation
& Development Policy



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