

Landscape Design ENPL 232

Street Design

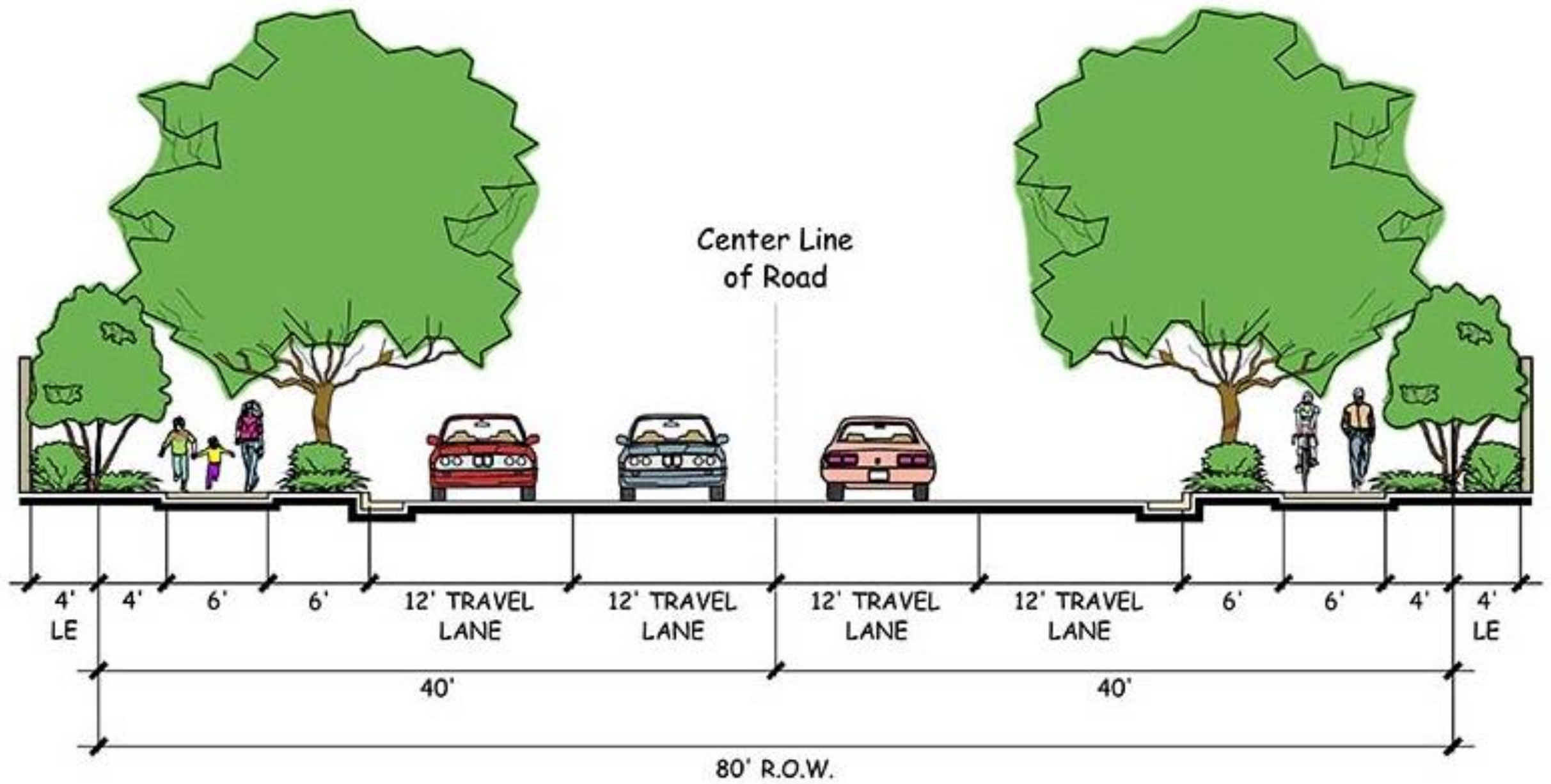
By
Samar Nazer

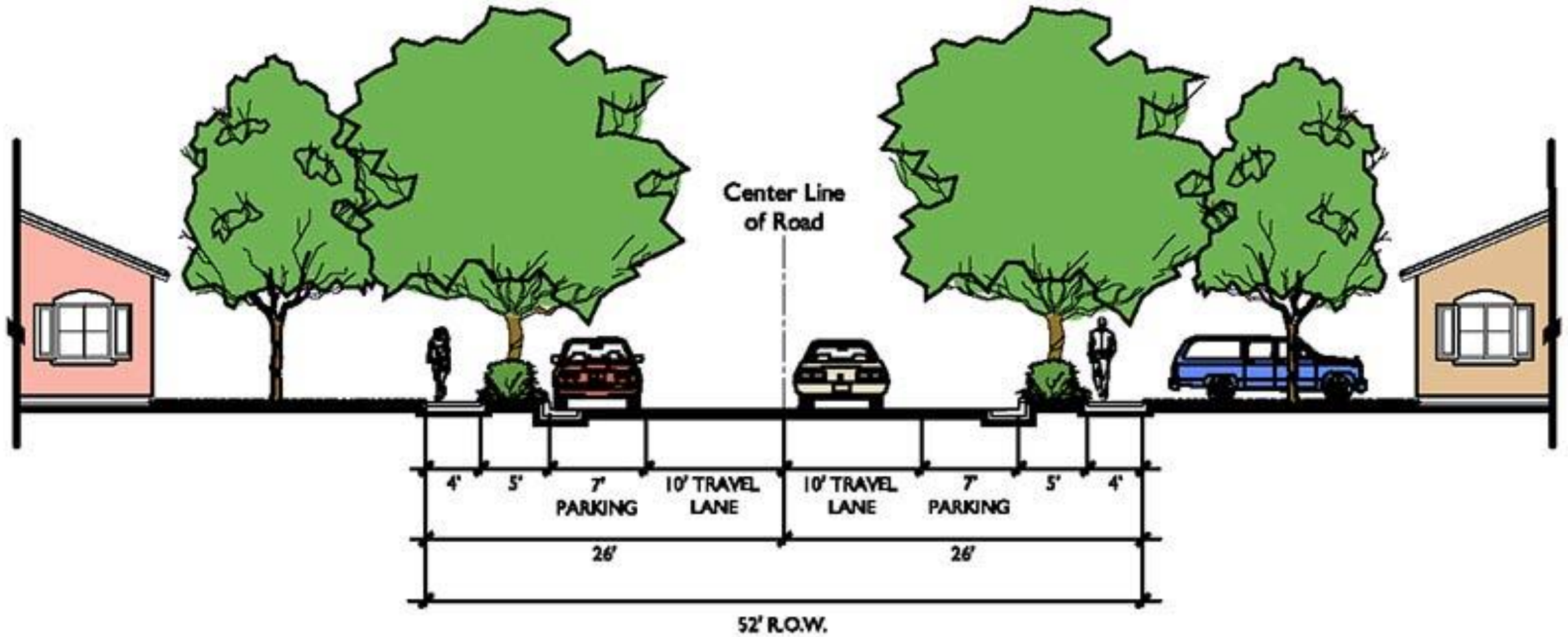
Department of Urban Planning and Landscape Architecture
Faculty of Engineering/Birzeit University

Street design

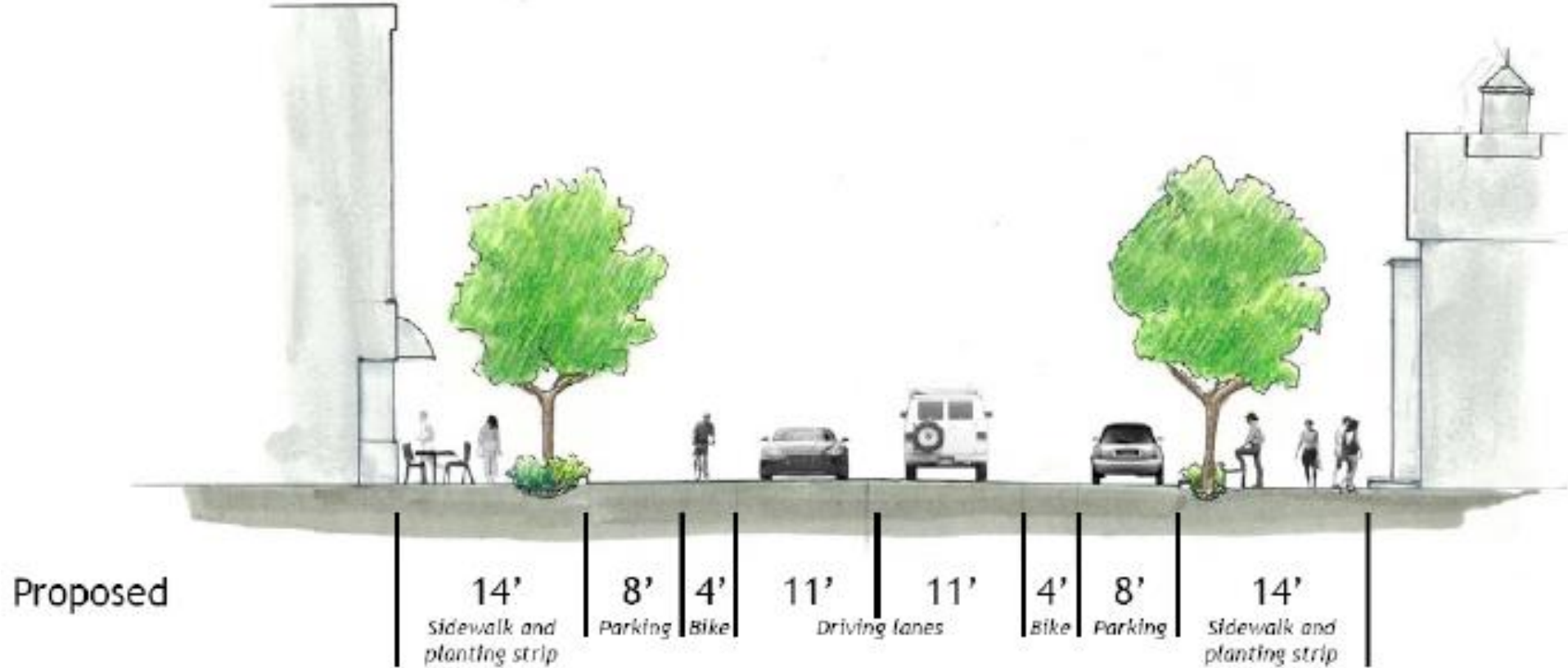
- Pedestrian
- Vehicles (small roads, highways)
- Facades
- Lighting, traffic lights, signs, telephone lines, WiFi , security cameras, ...etc
- Drainage
- Street banks (side walks), people with disabilities
- Street furniture (benches, pins...etc)
- Planting
- Bycile lanes
- Car park



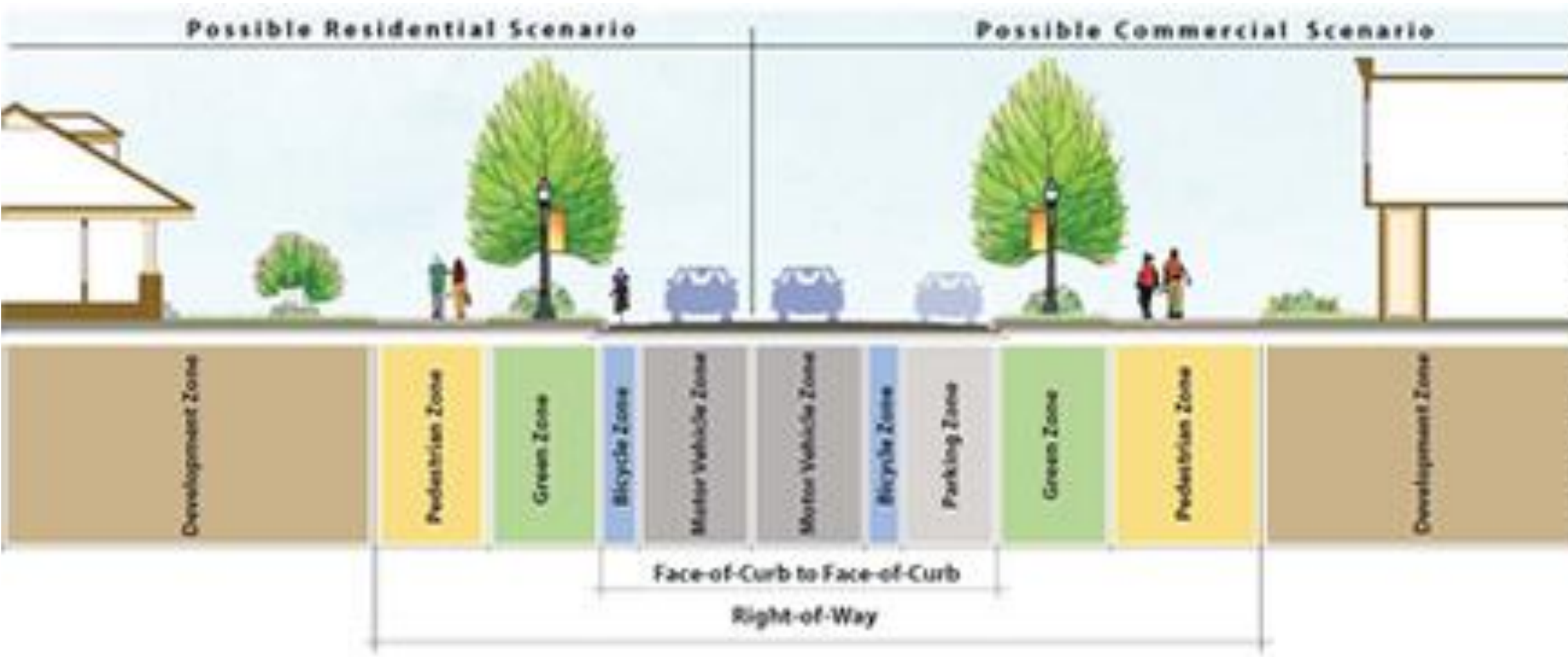


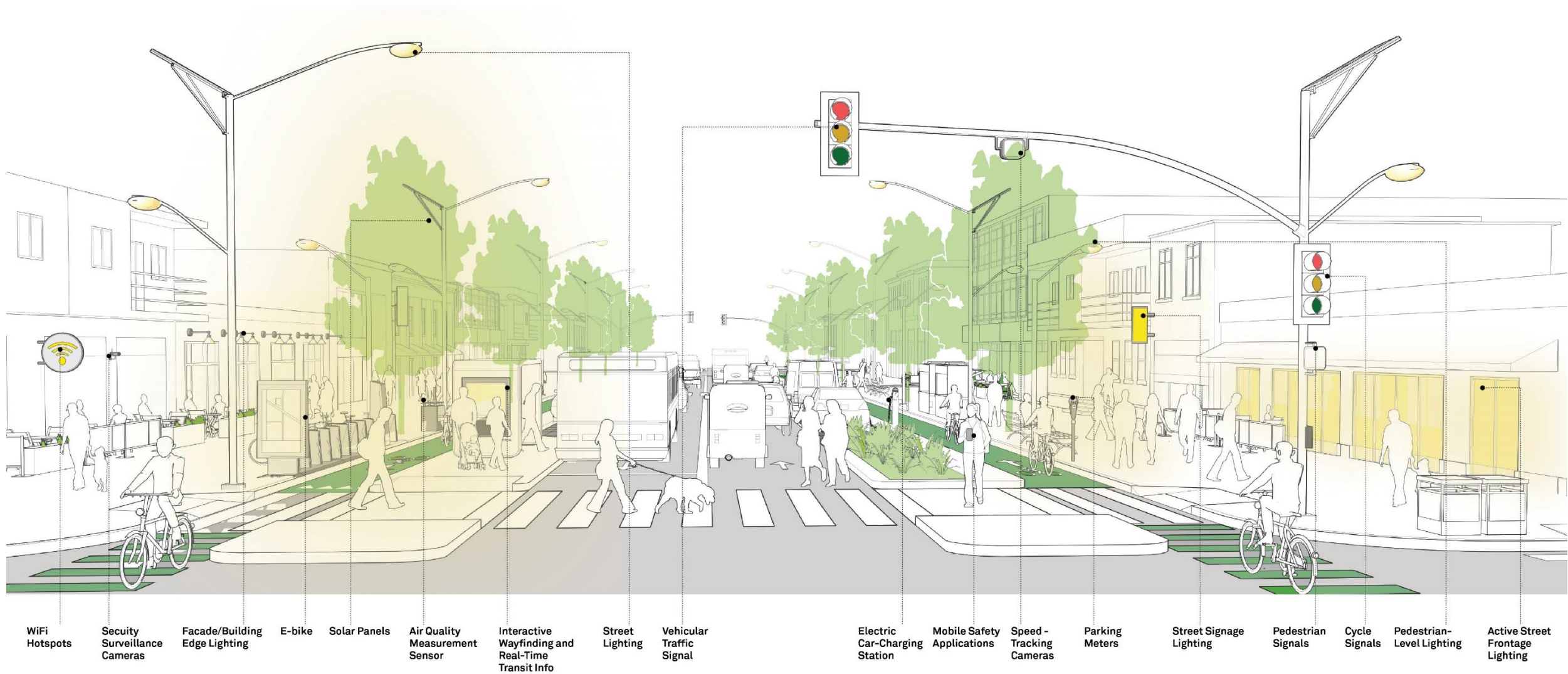


STREETSCAPE IMPROVEMENTS



Roadway Cross-section for a Pedestrian-Friendly NEEDHAM STREET





5/27/2021

Samar Nazer



5/27/2021

Drainage



Street furniture





5/27/2021

STUDENTS-HUB.com

Samar Nazer

12





5/27/2021

Samar Nazer



5/27/2021

Samar Nazer

15





5/27/2021

Samar Nazer

18

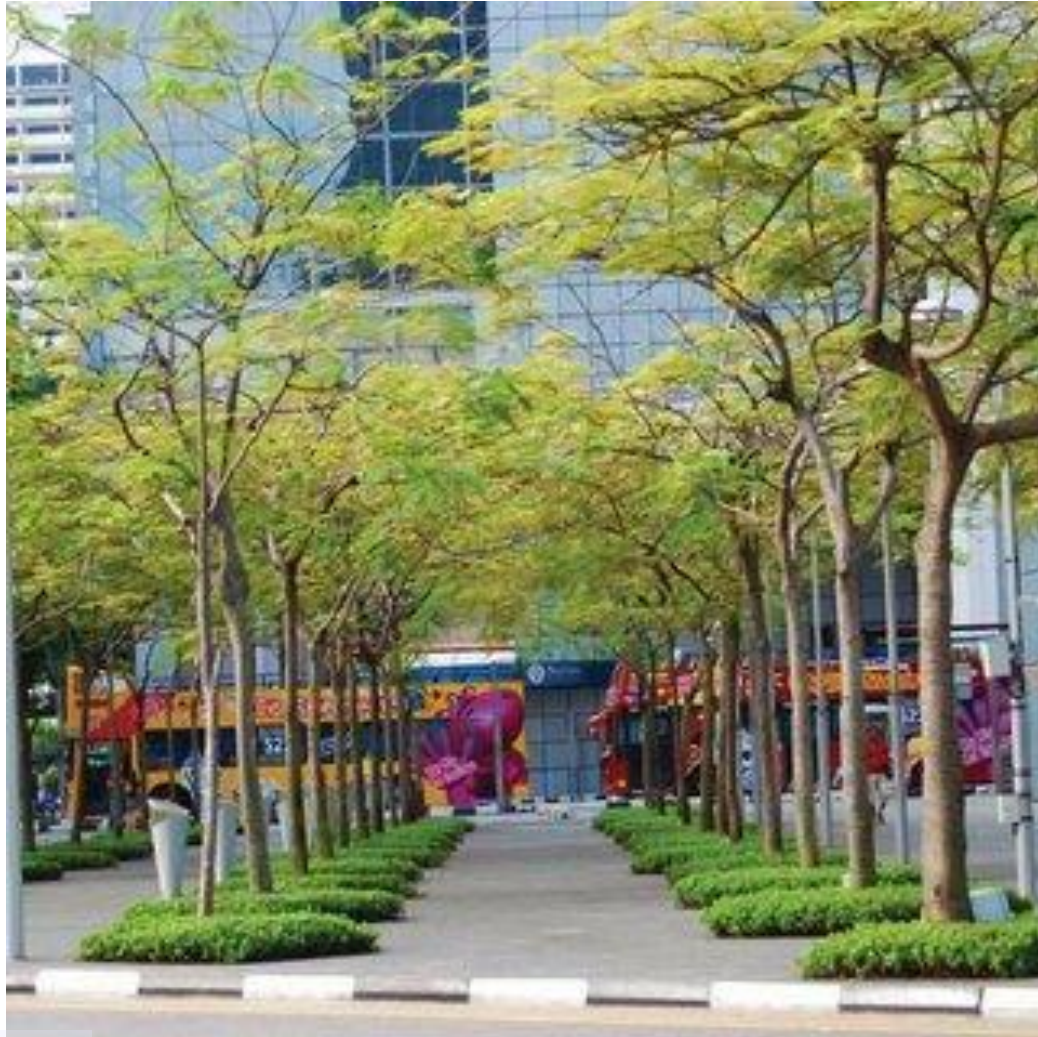


5/27/2021

Samar Nazer

19

Street Planting

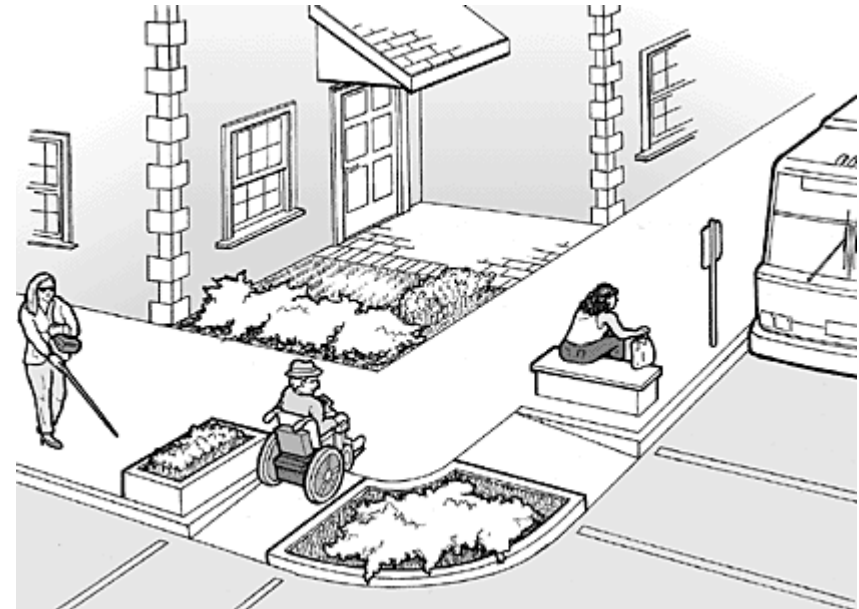








Disable



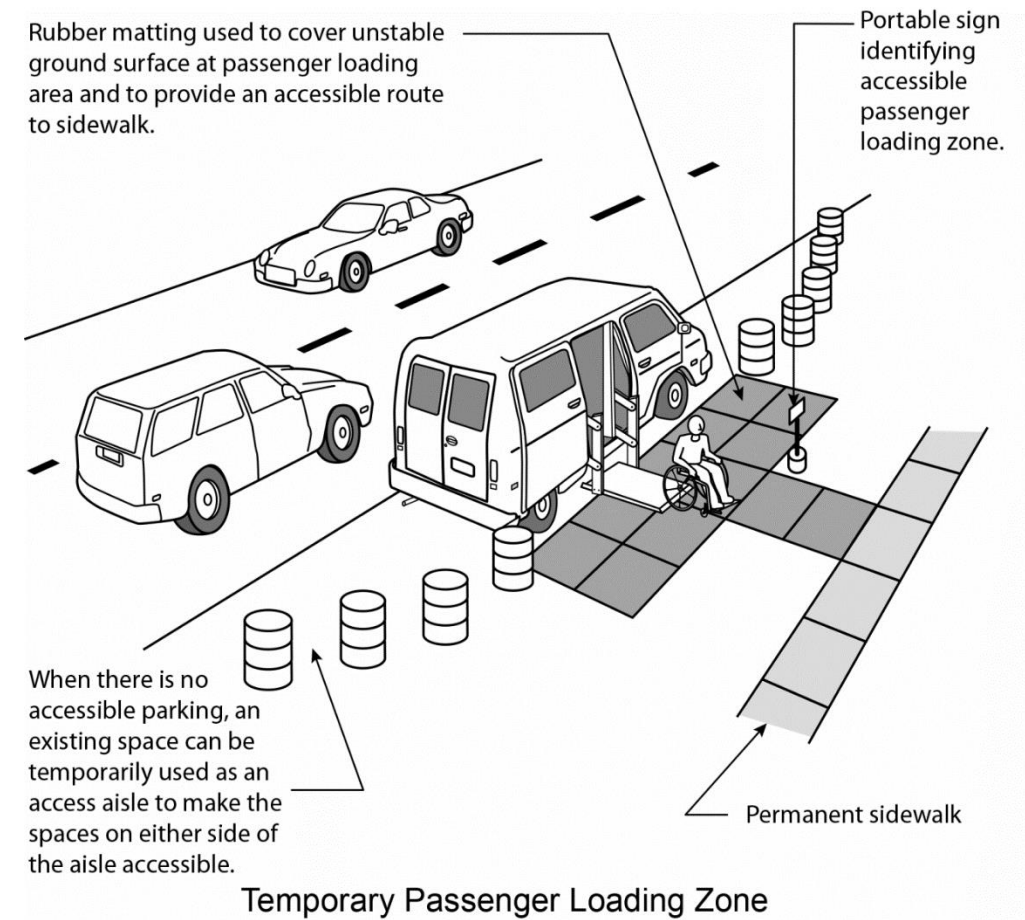


5/27/2021

Samar Nazer



25



Structures in the streets

- ramps and sidewalks lowered to the wheelchair;
- tactile floors (special floors perceived by touch) and alert for blind people;
- metal bars in the entrances of buildings;
- sidewalks and streets in perfect condition without holes and damages;



Structures in transports

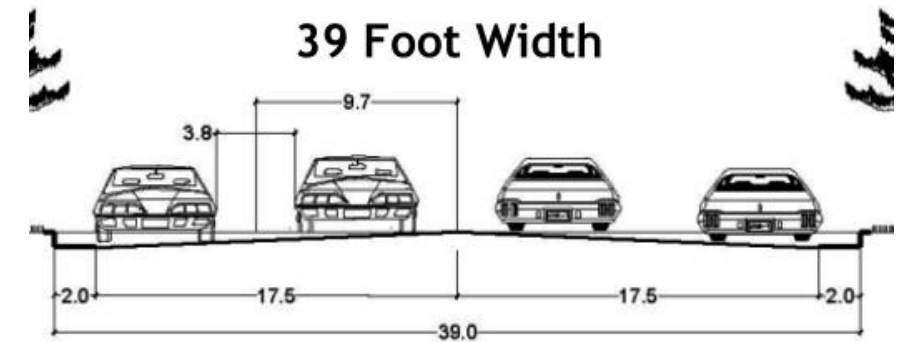
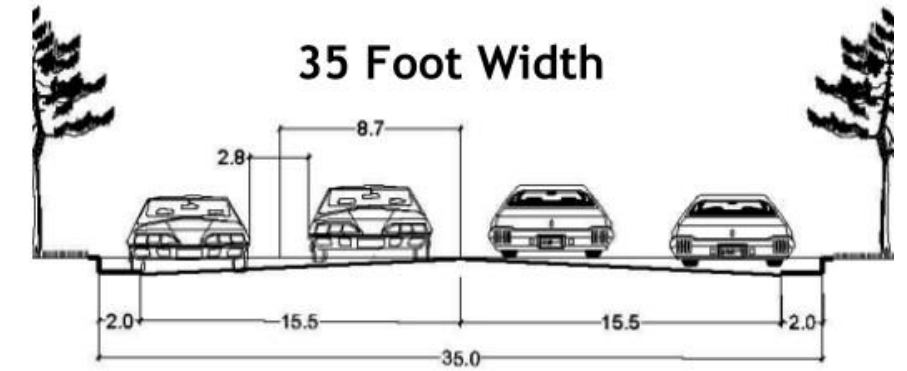
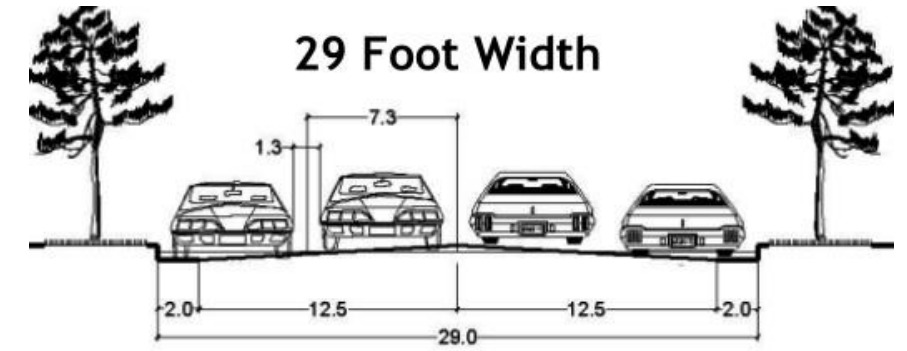
- elevators in the buses for wheelchairs and places reserved for people with low mobility
- extension of specialized vehicles for the transport of disabled people in small towns
- qualified and specialized professionals for the care of people with disabilities

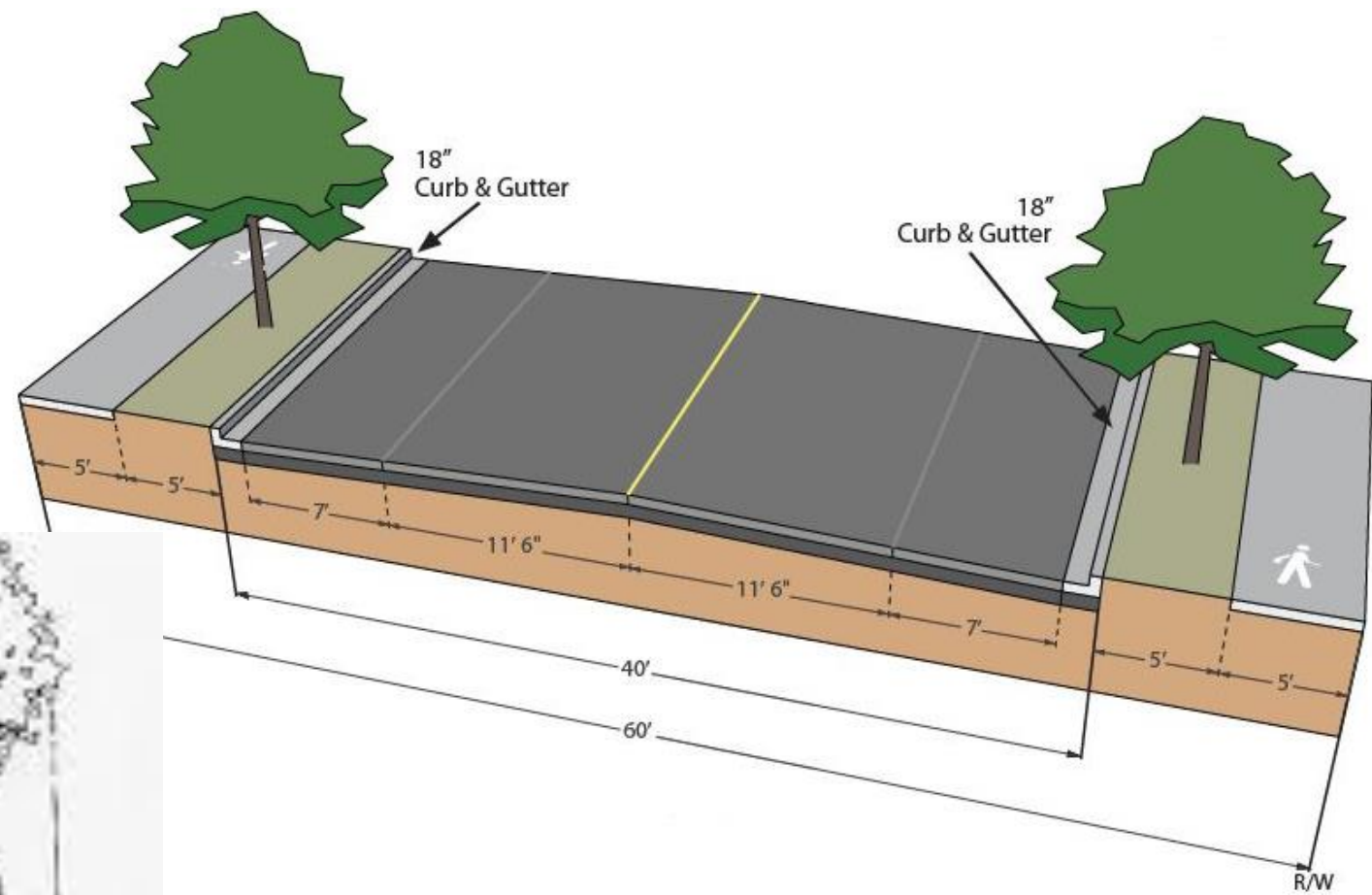
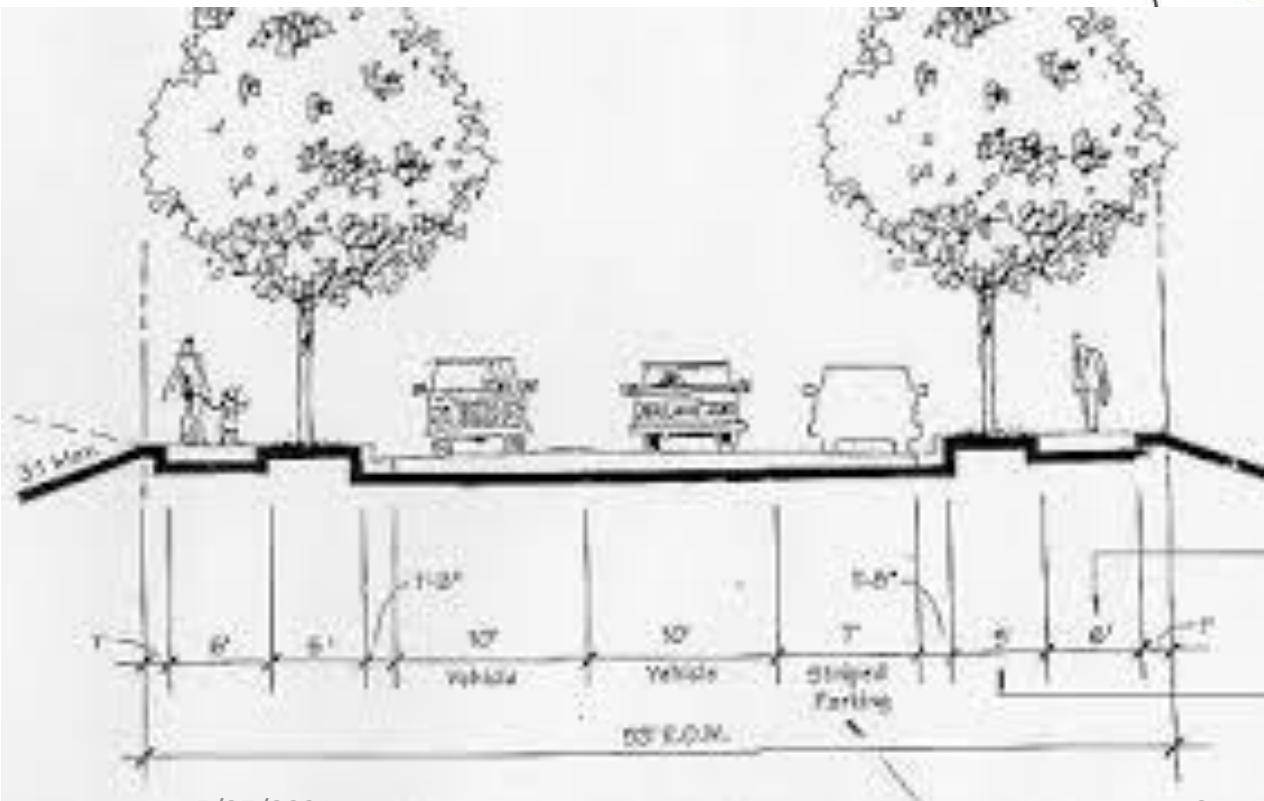


Traffic light

-Sound for blind





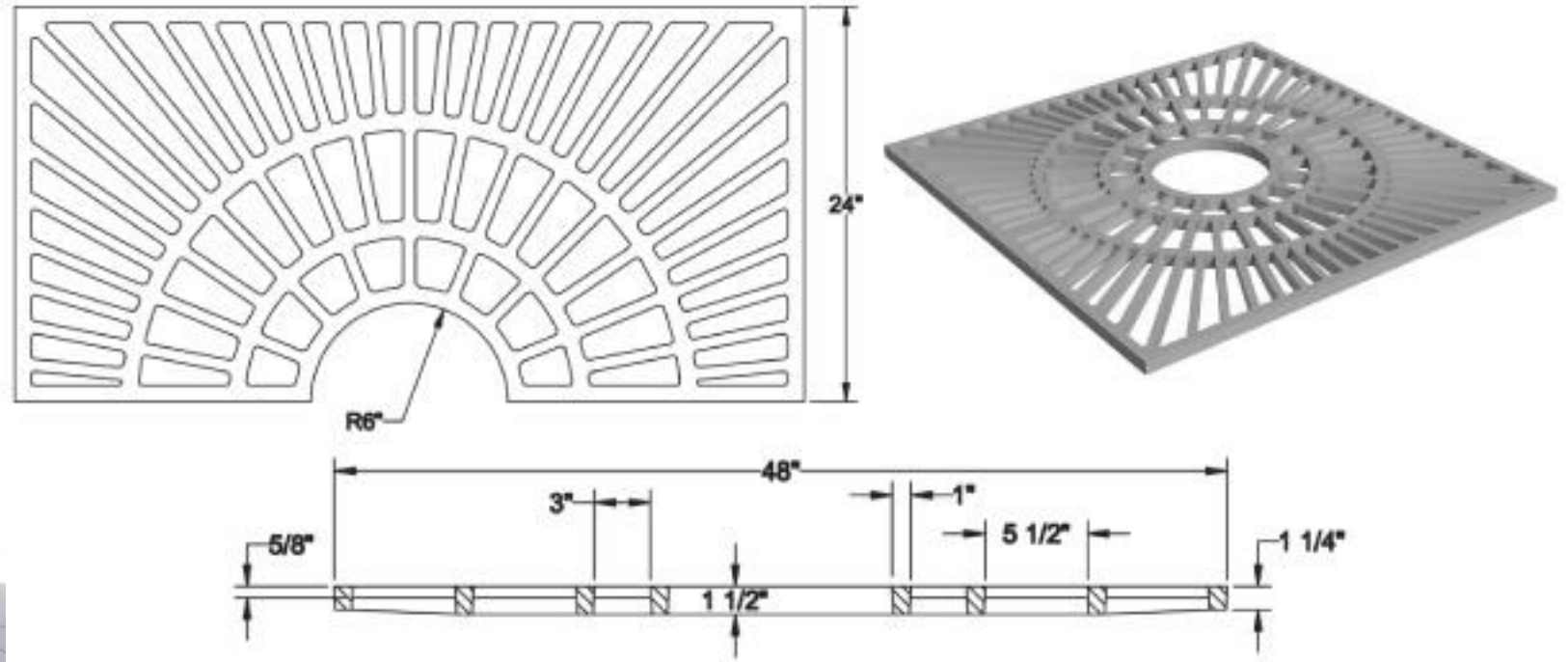


5/27/2021

Samar Nazer

31

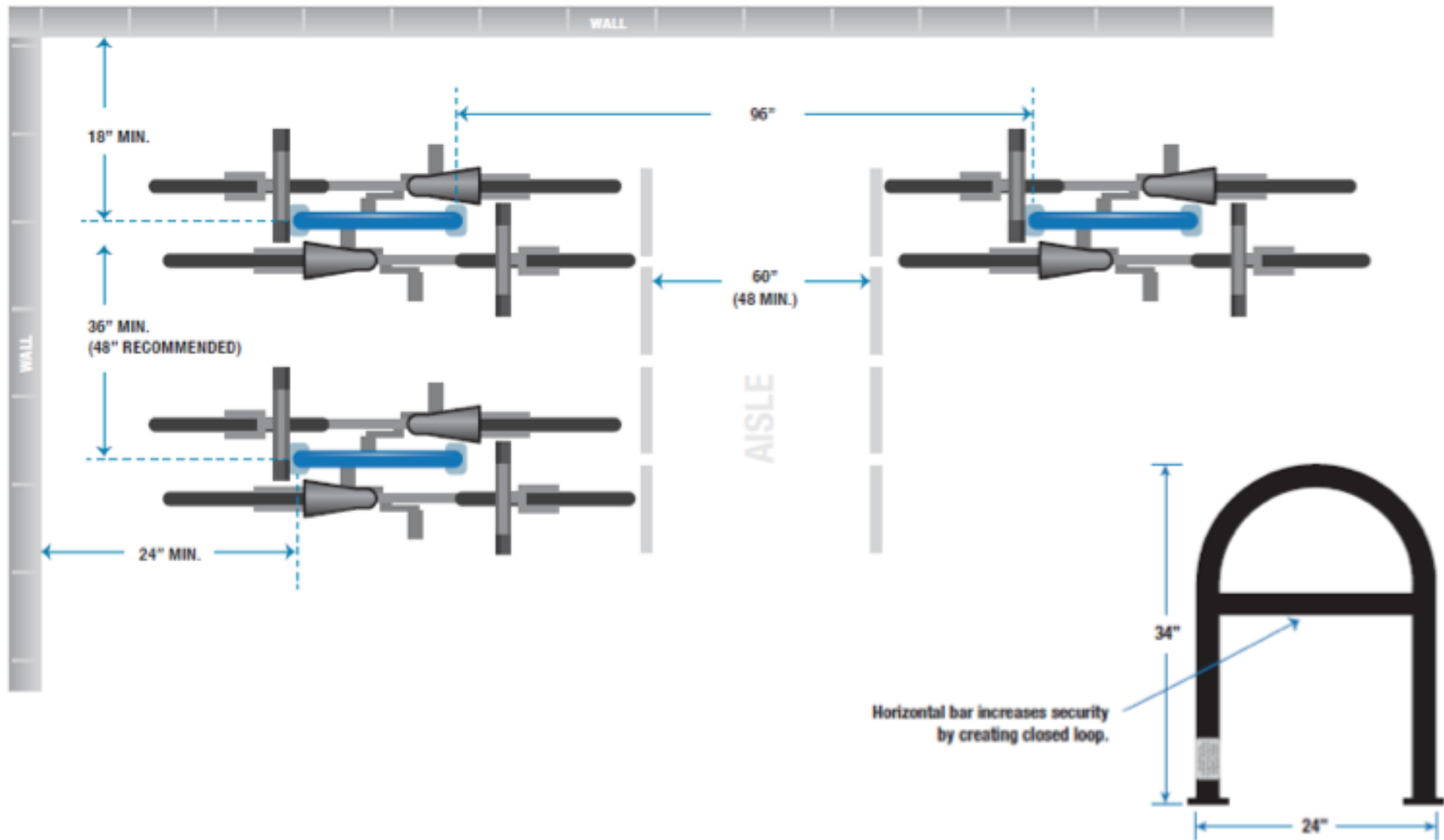
Grates



5/27/2021



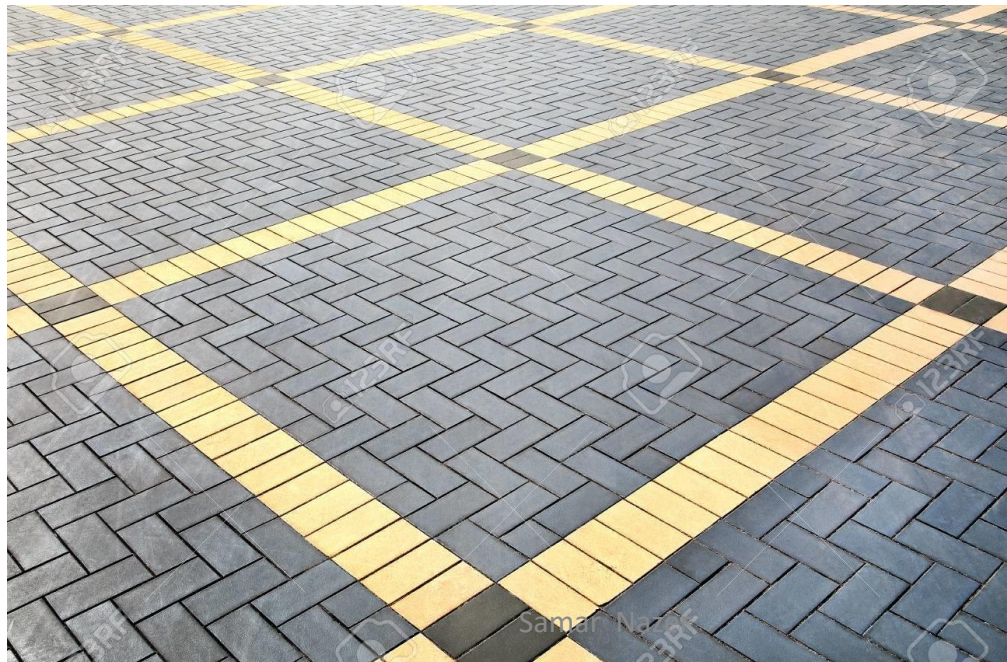




(© Urban Bicycle Parking Systems 2014)



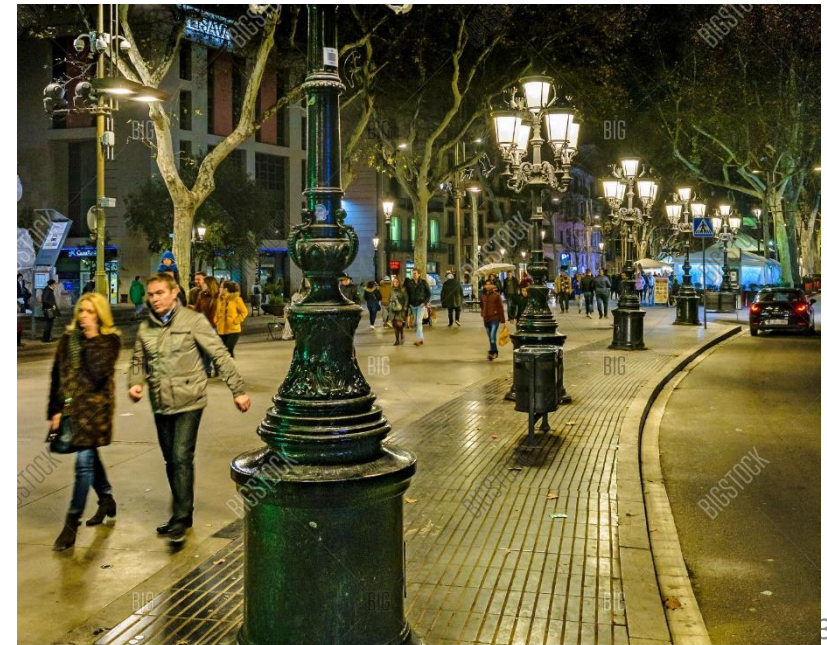
5/27/2021



5/27/2021



Rambla Steet Parcelona





5/27/2021

Mariahilfer street Veina



Download from
Dreamstime.com
This watermarked comp image is for previewing purposes only.

ID 65662423
© Radub85 | Dreamstime.com

5/27/2021



alamy stock photo

RJ24EH
www.alamy.com





5/27/2021

Samar Nazer

Pedistrian street





5/27/2021

Samar Nazer

45

Trees for streets

- *Melia azedara*
- *Erethrena cafra*
- *Brechichiton acerifolia*
- *Brechichiton discolor*
- *Peltiphorum pterocarpa*
- *Platanus orientalis*
- *Catalpa*
- *Tilia europea*
- *Jacaranda*
- *Cersis siliquastrum*
- *Casuarina*
- *Gingo biloba*
- *Delonix regia*
- *Prunus* sp. *Communis* and *armeniaca*
- *Aelanthus altissima*
- *Acacia cyanophila*
- *Hibiscus tiliaceus*
- *Robinea psedouacacia*
- *Bohinea variagata*
- *Pyrus communis*

Melia azedara



5/27/2021



Samar Nazer

Brechichiton



Samir Nazari

48

5/27/2021

Peltiphorum pterocarpa



5/27/2021

STUDENTS-HUB.com

Samar Nazer

Erethrena cafra



5/27/2021

Catalpa europea



Tilea europea



Shrubs for streets

- Hibiscus
- Bryenia
- Dodonia
- Rosemarinus
- Lavandula
- Ligistrum
- Pelargonum
- Cistus

