

# Make your Streets Walkable!

Community Participation for better pedestrian infrastructure

TRANSPARENT  
CHENNAI

 **IFMR**  
Research  
CENTRE FOR  
DEVELOPMENT  
FINANCE

# Meeting Rules!

# Transparent Chennai- who we are?

- Transparent Chennai is an action research project housed at the Institute for Financial Management and Research, Chennai.
- The project creates and disseminates maps, data and research about neglected issues in the city, especially those that affect the poor.

TRANSPARENT  
**CHENNAI**

Maps, Data, Insights

**DATA: Why do we need data?**

**What kind of data?**



# Transparent Chennai- what we do?

Electoral  
accountability

Participatory  
planning  
processes

Pedestrian  
issues

Public toilets  
and sanitation

Slums and  
informal  
settlements

Solid waste  
management

Urban  
governance

# PARTICIPATORY PLANNING

What is it?

Why should we have it?



# Walk-ability, a pedestrian Issue

Walkability is a measure of pedestrians convenience in an area/ road.

Factors influencing walkability includes

Safety

Security

Comfort

Conducive Walking Environment



**This project broadly comprises of  
7 steps**





# 1. Community Outreach



Establish relations between the stakeholders and explain the importance of community participation



## 2. Surveys, Mapping and Data Collection



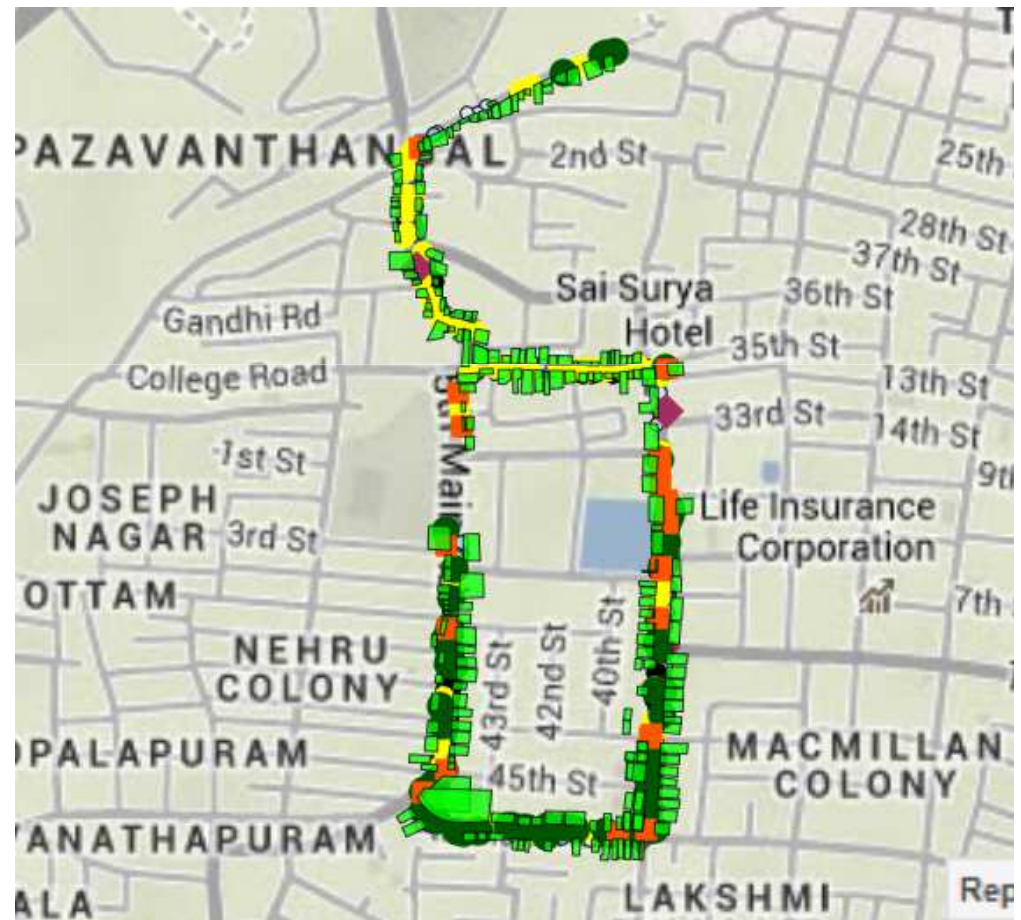
Data collection through street surveys, opinion surveys, RTIs, research, interviews, etc.



### 3. Digitisation and Analysis



Analysis of the existing conditions using surveyed data; Identify design requirements and strategies





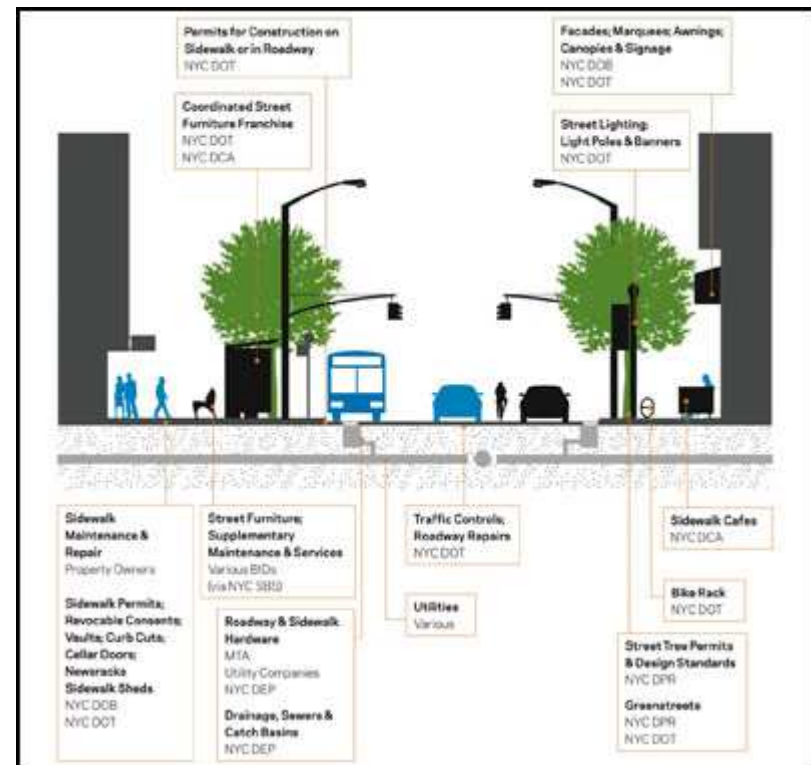
## 4. Design Workshops



series of interactive and hands-on design exercises that increases understanding and leads to informed suggestions and ideas

# 5. Design Finalisation

Using the design suggestions given by the community to create comprehensive and cohesive, final designs for the streets



## 6. Implementation Plan



Do it.

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Creating a step-by-step action plan that can help the government provide improved pedestrian infrastructure in a time frame

# 7. Follow-up and Accountability



Visiting the community to gauge the progress made towards better pedestrian infrastructure and question relevant authorities reasons in case of lack of action



# **PROJECT ACHIEVEMENTS**

**What do we envision for this project?**



# Raise awareness about pedestrian issues and walking



# Equality in the use of public space



# Provision of good pedestrian infrastructure



**Empower citizens with toolkits and data so that they can advocate for improved pedestrian conditions in their community**



**Linking elected representatives to  
ward level conditions – prioritise  
projects – government accountability  
– community-government partnership**



# Increase in walking that leads to increase in use of public transportation



**Decrease in personal vehicular use  
that leads to decongestion of streets**





# Healthier and safer environment – greener surroundings and cleaner air





**Better quality of life that provides the  
best for future generations**

# **The Project in Nanganallur**

# Pedestrian and vehicular conflict



Color	Vehicular conflict
Red	Walking impossible- significant conflict with heavy and fast moving vehicles.
Yellow	Walking is possible with high risk of accidents
Blue	Walking is possible but with great inconvenience

# Continuous and discontinuous footpaths



# Safety and Security



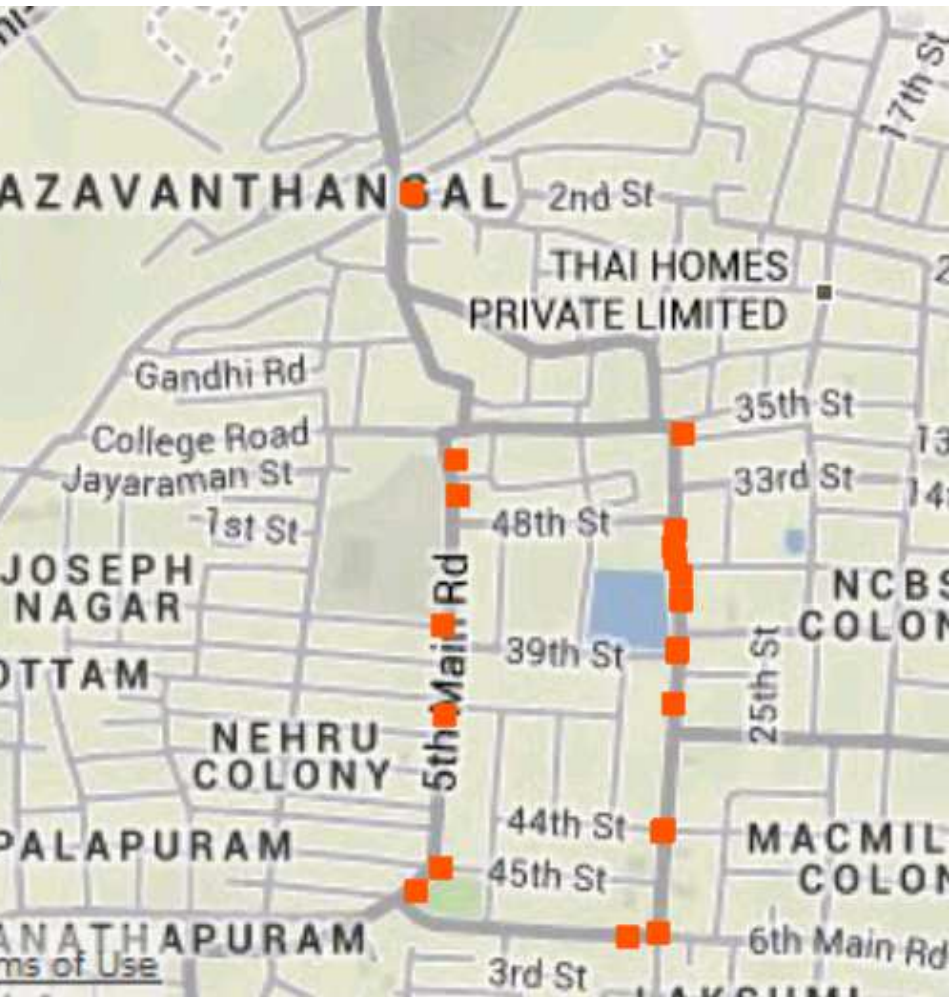
- ■ ■ ■ ■ **Service Road:** Environment feels dangerous- pedestrians are at some risk of crime
- ■ ■ ■ ■ **4<sup>th</sup> Main Road (Chidambaram Bus Stop):** Instances of chain snatching



# Encroachments



# /endors



4<sup>th</sup> Main Road: commercial stretch.

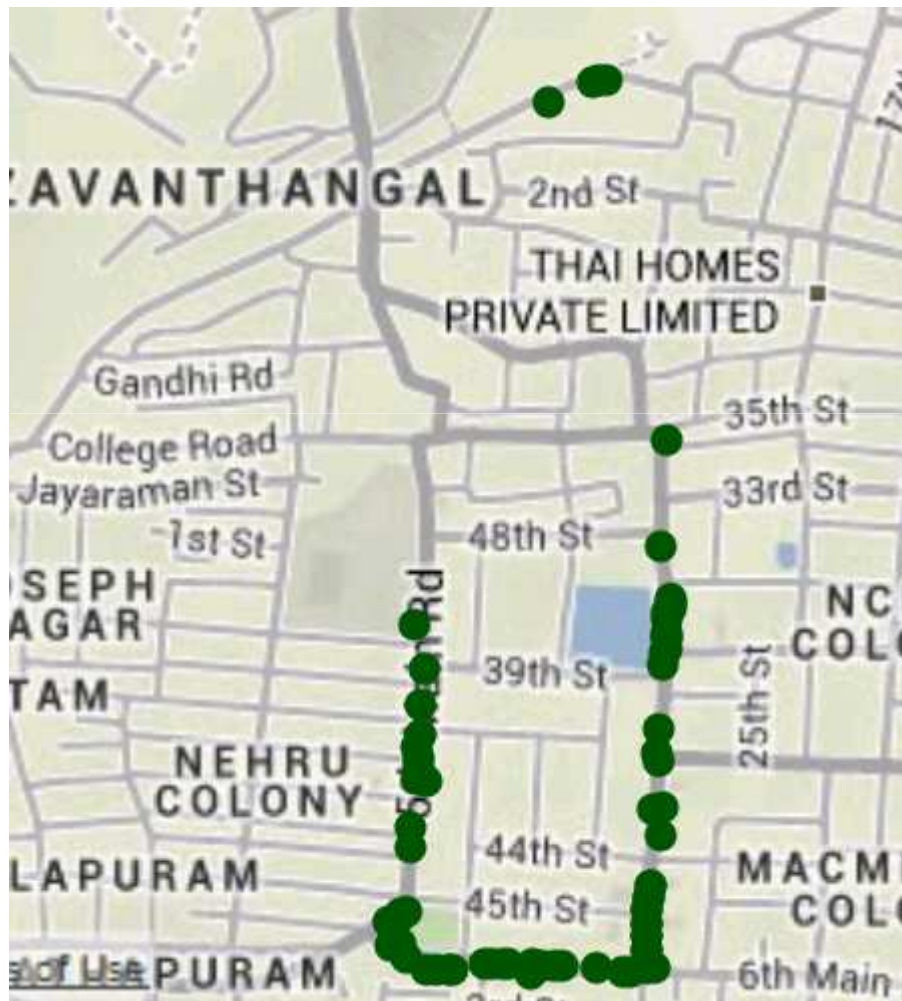
# Street Lights



New street lights have been installed.



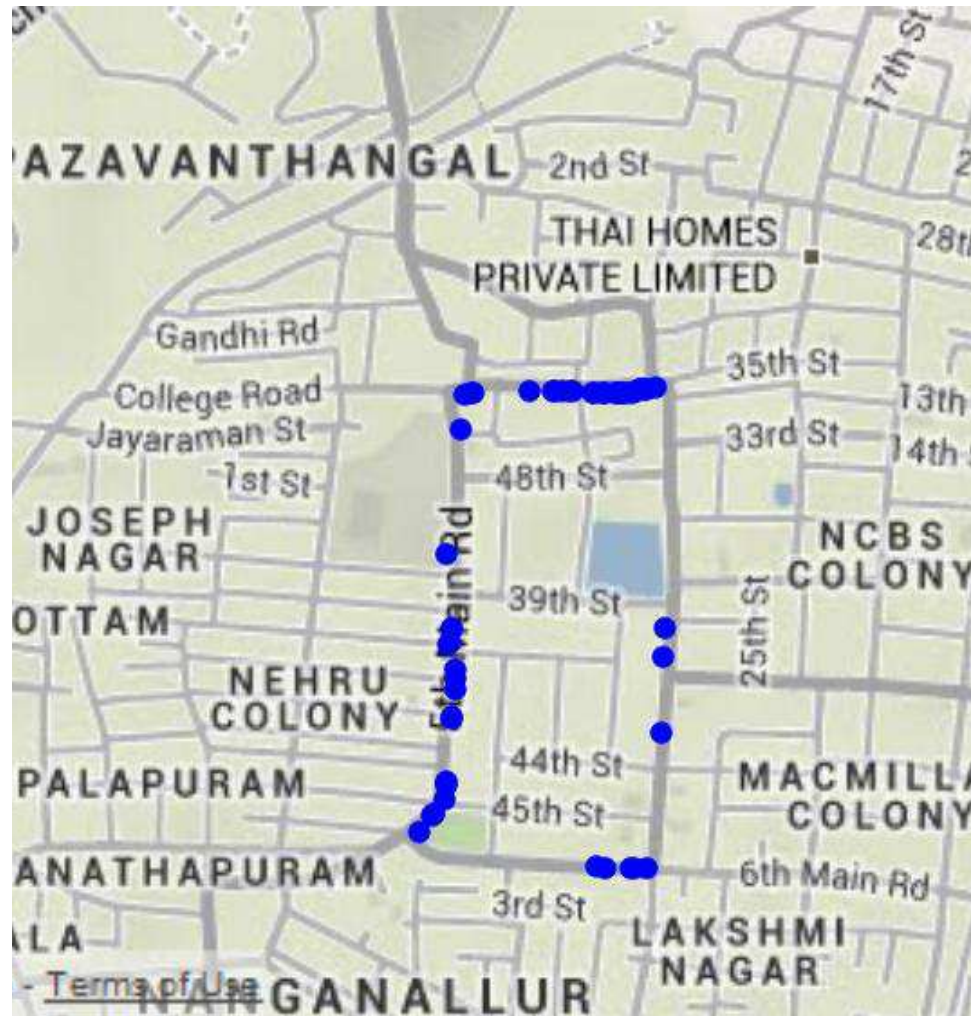
# Trees



5<sup>th</sup> Main Road: Tree coverage does not provide enough shade



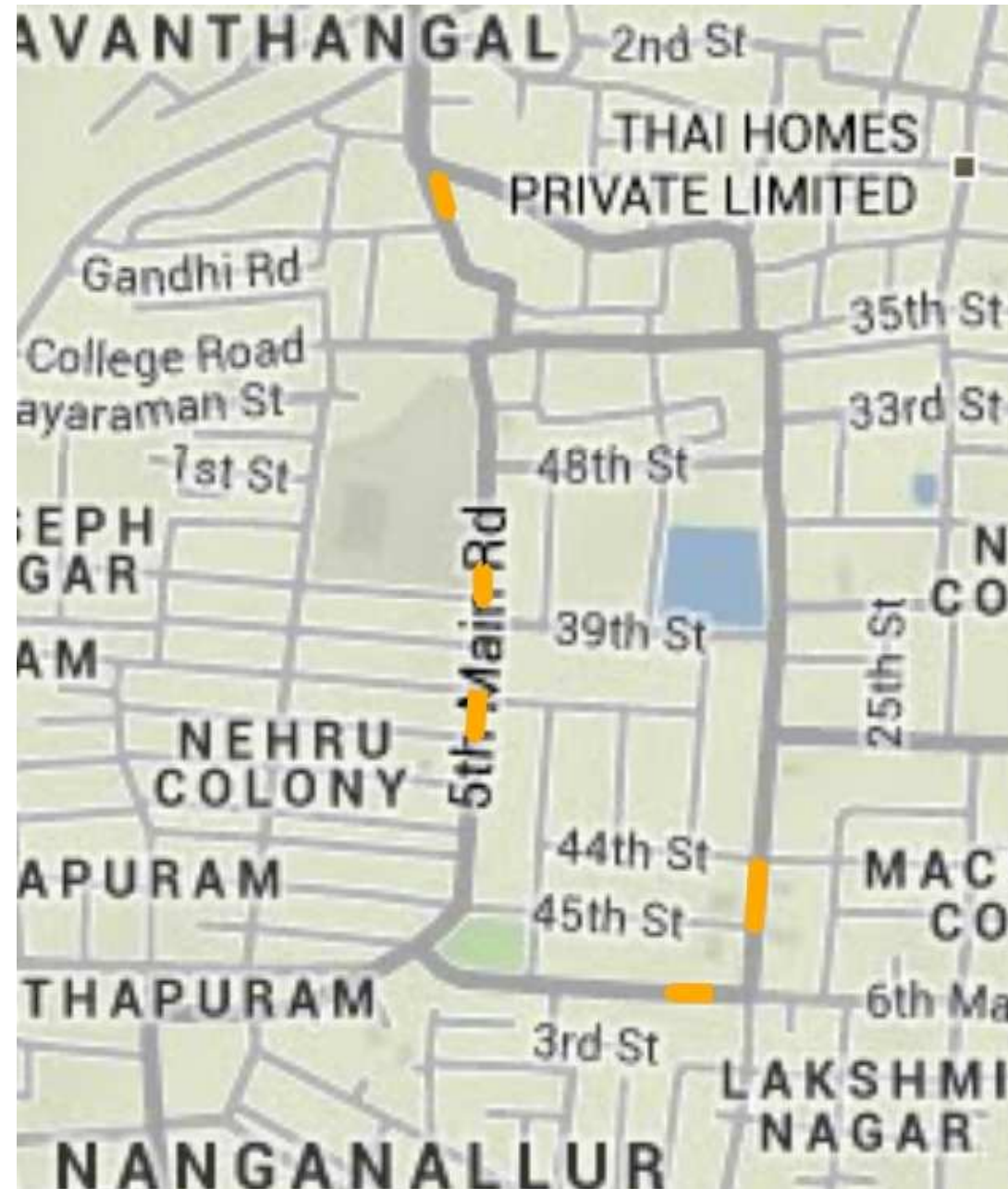
# Parking-on footpath



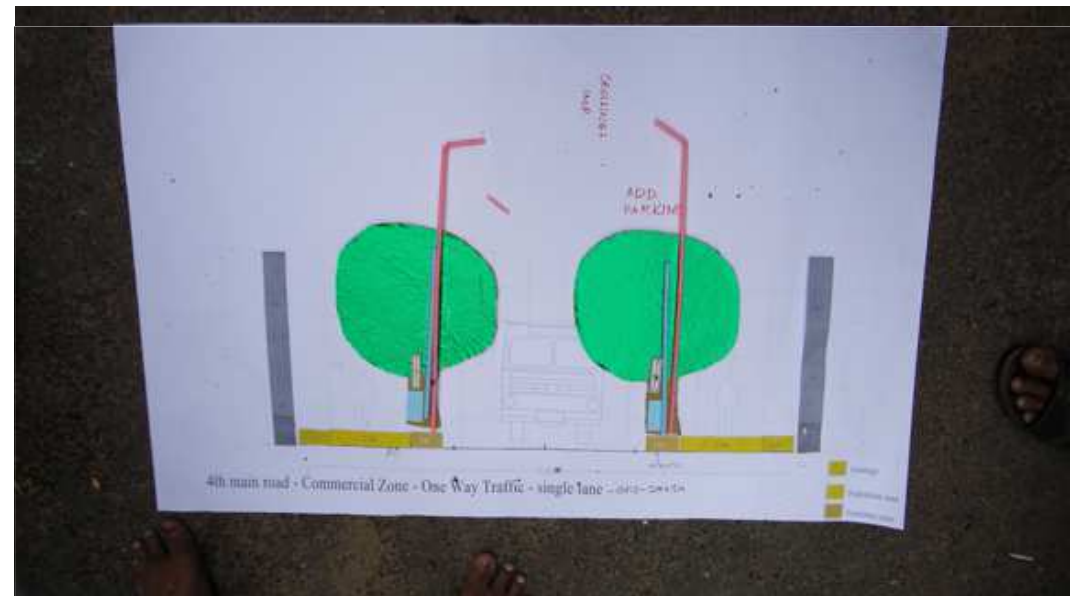
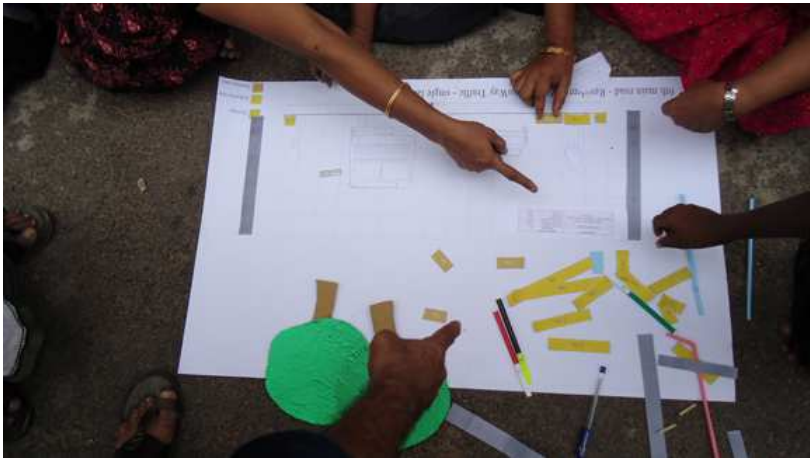
Cycles, Two-wheelers and Cars have been parked on pavements.



# Public urination



# Design workshop



# **Components of good footpaths:**

**Good condition and well maintained**

**Clean**

**Even surfaces**

**Durable and non-slip material**

**Curb height should be 15cms.**

**Water drainage**

**Disable friendly**

**Well designed property entrances**





Frontage Zone

Pedestrian Zone

Furniture Zone

Delhi

ITDP

**Pedestrian zone – width  
depends on the land use –  
must always be free of  
obstructions**

# **Furniture zone:**

**Trees – shade, comfort**

**Street lights – safety and visibility**

**Dustbins – cleanliness**

**Vendors – safety, activity, economy, livelihood**

**Benches - comfort**

**Metered parking**

**Utility boxes, telephone boxes, electrical poles, etc. – safety and efficiency**



# Enforcement

# Citizen responsibility

# Summary and next steps

**Participation and people's contribution will help to  
make our roads in Chennai more walkable!**



**Thank You**