

Nanganallur Walkability Survey – 19th May 2013

TEAM:

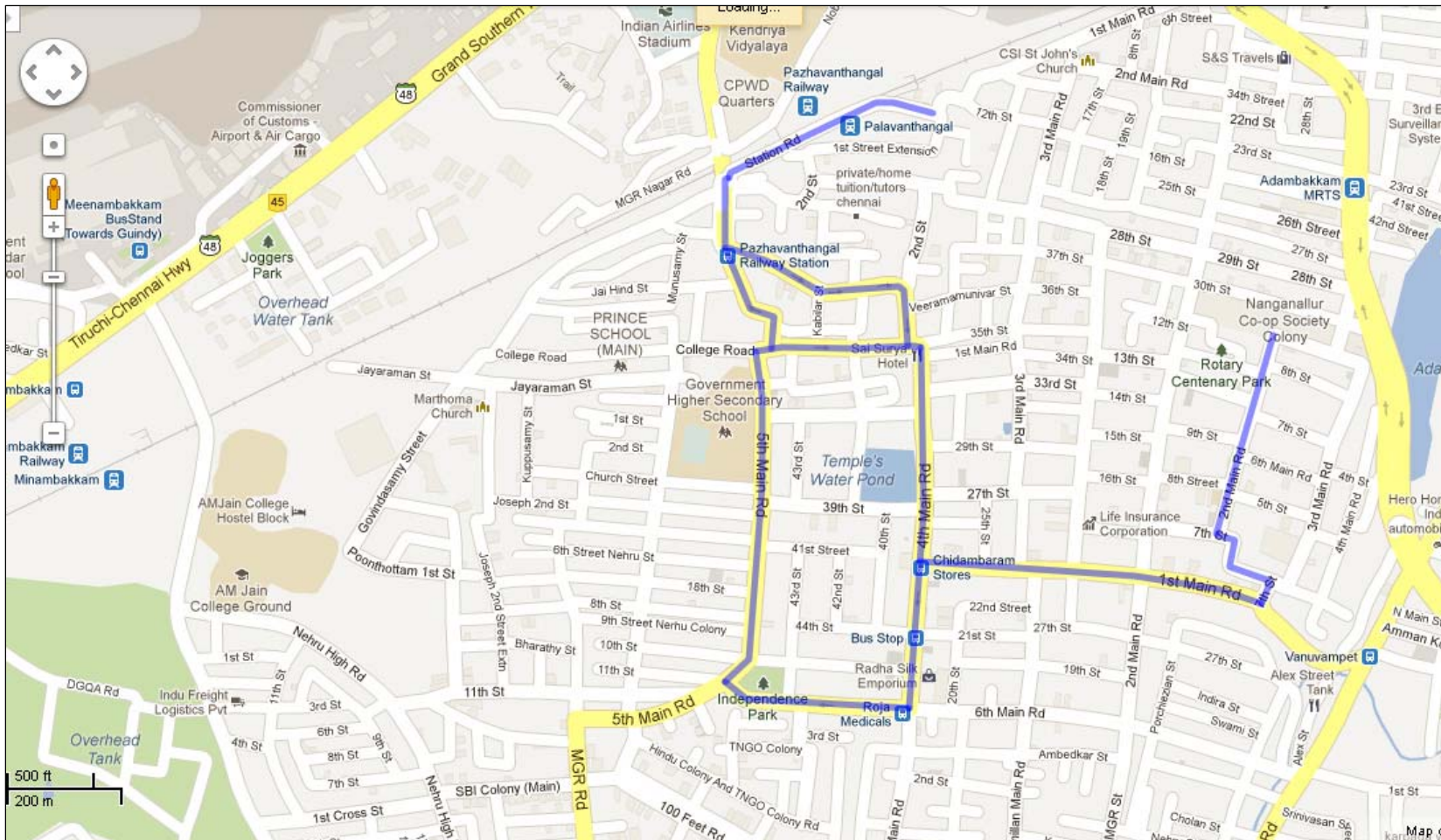
ROAD:

SECTION:

SUB-SECTIONS:

Length of surveyor's foot in cms. (any one):
(this surveyor will measure distances required in Table - II and points 2.c and 4.a in Table - III)

Height of surveyor (any one):
(this surveyor will answer 6.d in Table - III)



Use this table to answer [1.a], [2.a], [6.a], [7.a], [8.a] and [10.a] in Table – III

WALKABILITY RUBRIC:

Parameter	Rank - 0	Rank - 1	Rank - 2	Rank - 3	Rank - 4
1. Pedestrian & vehicular conflict:	Walking impossible - significant conflict with heavy and fast moving vehicles (Walking paths do not exist)	Walking possible with a high risk of accidents (Walking paths do not exist OR are too narrow or obstructed, forcing one to use the road that has fast moving traffic)	Walking possible but with great inconvenience (Walking paths are either too narrow OR obstructed, forcing one to use the road that has jammed, slow-moving traffic)	Walking possible but with some inconvenience (Walking paths are comfortable for the most part, but at times one is forced to use the road that has some slow-moving traffic)	Walking is comfortable - there is no vehicular conflict (Walking paths provide a comfortable walking experience OR it is a pedestrian only street)
2. Footpaths:	Walking paths do not exist but are required	Walking paths do not exist and are not required	Walking paths exist but are not continuous along a single stretch between intersections and they are narrow in width	Continuous walking paths exist but are narrow in width	Continuous walking paths of comfortable width and adequate amenities exist OR it is a pedestrian only street
3. Safety & security:	Environment feels very dangerous – pedestrians are highly susceptible to crime	Environment feels dangerous – pedestrians are at some risk of crime	Difficult to ascertain perceived degree of security for pedestrians	Environment feels secure – pedestrians at minimal crime risk	Environment feels very secure – pedestrians at virtually no risk of crime
4. Disability infrastructure:	No infrastructure for disabled people is available	Limited infrastructure for disabled persons is available, but is not in usable condition	Infrastructure for disabled persons is present but in poor condition and not well placed	Infrastructure for disabled persons is present, in good condition, but poorly placed	Infrastructure for disabled persons is present, in good condition, and well placed
5. Obstructions:	Pedestrian infrastructure is completely blocked by permanent obstructions	Pedestrians are significantly inconvenienced. Effective width <1m	Pedestrian traffic is mildly inconvenienced. Effective width < or = 1m	Obstacle presents minor inconvenience. Effective width > 1m	There are no obstructions
6. Motorist behaviour:	High traffic disrespect to pedestrians	Traffic disrespect and rarely pedestrians get priority	Motorists sometimes yield	Motorists usually obey traffic laws and sometimes yield to pedestrians	Motorists obey traffic laws and almost always yield to pedestrians

Road:

Section:

Sub-Section:

TABLE - I

Land use:	Using arrows extending from the buildings in the image and using the abbreviations listed below, indicate the land use of the buildings along the road:	
	MU – mixed use (combination of land uses in a single building)	Res – Residential
	Com – Commercial / Office	Off – Office
	Pk – Park / Play ground	Vac – Vacant
	Rel - Religious	Sch – School / Col – College
	Hos - Hospital	Ins – Other institutional

TABLE - II

Mark the obstructions below as points on the map. From these points, extend arrows out and label each one referring to the 'Key' below. Measure distance of each from the property line using your feet.

Permanent Obstruction			Temporary Obstruction		
Key	Element	Distance from property (in foot steps)	Key	Element	Distance from property (in foot steps)
Tr	Tree		TG	Garbage dump	
SL	Street light		TD	Debris dump	
EP	Electricity pole		TP	Parking	
T	Transformer		TV	Vendor	
EB	Electricity box		TC	Encroachment	
Tel	Telephone box				
M	Manhole				
G	Garbage bin				
WC	Public toilet				
BS	Bus stop				
P	Parking				
En	Property entrance				
V	Vendor				
C	Encroachment				
O	Other				

TABLE - III

Parameters		Characteristics	Data	
1. Pedestrian & vehicular conflict:	1.a	Rank using attached table: Point # 1	Rank:	
	1.b	Where do people walk? (tick all that apply)	a. On footpath c. Side of road	b. Off footpath d. Anywhere
2. Footpaths:	2.a	Rank using attached table: Point # 2	Rank:	
	2.b	Is there a footpath?	Yes	No
	2.c	Footpath width	_____ foot prints	
	2.d	Footpath curb height	_____ cms.	
	2.e	Footpath material (tick appropriate)	a. Concrete c. Paver blocks	b. Granite d. Anti-skid tiles
	2.f	Condition of footpath (tick appropriate)	a. Poor c. Good	b. Average d. Excellent
	2.g	Footpath continuity (tick appropriate)	a. Continuous b. Interrupted by property entrances c. Discontinuous	
3. Maintenance and cleanliness:	3.a	Is the footpath clean?	Yes	No
	3.b	Do people urinate along the side?	Yes	No

Road:

Section:

Sub-Section:

	3.c	In the absence of footpaths, is the side of the road clean?	Yes	No
4. The road:	4.a	Width of road (from compound wall to compound wall)	_____ foot prints	
	4.b	Vehicle types on the road (tick all that apply)	a. Cycles	b. Two-wheelers
			c. Auto rickshaws	d. Cars
			e. Buses	f. Tempos
			g. Trucks	h. Hand carts
4.c	Average vehicle speed (take a guess!)	_____ km/hr.		
4.d	Is there a median dividing the road?	Yes	No	
5. Amenities:	5.a	Amenities on the footpath (tick all that apply)	a. Trees	b. Street lighting
			c. Dust bins	d. Toilets
			e. Seating	f. None
	5.b	Do the trees provide shade?	Yes	No
	5.c	Height of trees (in terms of floors of a building)	_____ floors tall	
5.d	Do the street lights work?	Yes	No	
5.e	Height of lights (in terms of floors of a building)	_____ floors tall		
6. Safety and security:	6.a	Rank using attached table: Point # 3	Rank:	
	6.b	Location of building line (tick appropriate)	a. Along the street	
			b. Along the footpath	
			c. Setback from the footpath	
6.c	Is there a compound wall?	Yes	No	
6.d	Height of compound wall (tick appropriate)	a. Below waist		
		b. Between waist and neck		
		c. Above neck		
7. Disability infrastructure:	7.a	Rank using attached table: Point # 4	Rank:	
	7.b	Is the footpath usable by disabled people?	Yes	No
	7.c	Type of disability infrastructure (tick all that apply)	a. Ramps at the end of footpaths	
b. Tactile paving				
8. Obstructions:	8.a	Rank using attached table: Point # 5	Rank:	
9. Parking:	9.a	What vehicles and numbers of each are parked on the footpath?	a. Cycles	b. Two-wheelers
			c. Auto rickshaws	d. Cars
			e. Others	f. None
	9.b	What vehicles and numbers of each are parked along the side of the road?	a. Cycles	b. Two-wheelers
			c. Auto rickshaws	d. Cars
			e. Others	f. None
9.c	Direction of parking (tick appropriate)	a. Perpendicular to the side		
		b. At an angle to the side		
		c. Parallel to the side		
10. Motorist behaviour:	10.a	Rank using attached table: Point # 6	Rank:	
11. Bus stops:	11.a	Is there a bus stop present?	Yes	No
	11.b	Name of the bus stop		
	11.c	Does the bus stop have a shelter?	Yes	No
	11.d	At what height is the bus stop from the road?	_____ cms.	
	11.e	Is there seating at the bus stop?	Yes	No
12. Drainage:	12.a	Are there storm water drains between the footpath and the road?	Yes	No
	12.b	In the absence of footpaths, are there storm water drains on the side of the road?	Yes	No