



shaping the way cities move

Area Parking Plan for Yelahanka Zone

Volume 1

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Directorate of Urban Land Transport,
Urban Development Department,
Government of Karnataka

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Abbreviations

BBMP	Bruhat Bengaluru Mahanagara Palike
CAGR	Compound Annual Growth Rate
DULT	Directorate of Urban Land Transport
GIS	Geographic Information System
HCV	Heavy Commercial vehicle
LCV	Light Commercial Vehicles
NMT	Non-Motorized Transport
RTO	Regional Transport Office
SMMS	Shared Micro Mobility Services

1 Introduction to Area Parking Plan

1.1 Background

Bengaluru city has seen unprecedented growth in population and consequently in the number of vehicles registered in the city. The data published by the Department of Transportation, Government of Karnataka reveals that the number of registered vehicles in the city has crossed 94 lakhs (9.4 million) as of May 2020 and the compound annual growth rate (CAGR) of vehicle registrations is over 10% per annum.

The roads in Bengaluru are already congested with typical average speed on major roads during peak hours being around 15 km/h and average public bus transport speed being around 10 km/h. Various initiatives like introduction of metro rail, construction of flyovers, etc. have not resulted in perceivable changes in alleviating congestion on the roads of Bengaluru. There is a need to moderate vehicle usage while concurrently developing sustainable transport infrastructure to be able to cope with the mobility challenges in the city. Globally, parking regulation has been identified as a crucial intervention to optimize the use of road space as well as a tool to discourage use of private modes of transport.

Currently, parking is largely unregulated across Bengaluru. On-street parking is rampant as it is not chargeable in most places and is increasingly causing issues of safety for other road users and reduced carrying capacity of roads. The few locations where parking is charged, are managed by unorganized sector, and do not have standard parking charges through-out the city. Locations where parking happens today are not clearly marked as parking bays and there is no signage put up. The civic agency and other public and private entities have built off-street parking infrastructure (multi-level parking lots) in few locations, but the approach has not been successful as on-street parking remains unregulated and free. Above issues, coupled with lack of adoption of technology makes management and enforcement of parking an uphill task.

In this regard Directorate of Urban Land Transport has prepared Parking Policy 2.0 for Bengaluru which was approved by the Government of Karnataka. Area level parking plans for all planning zones of BBMP are being prepared by DULT for implementation by BBMP.

This report presents the area parking plan for non-residential roads in Yelahanka Zone prepared by DULT. BBMP shall be responsible for implementing it by undertaking on-site works and procuring services of a parking management agency to implement the plan and operate the same.

1.2 Parking Policy 2.0

1.2.1 Objectives of Parking Policy

Bengaluru, a fast-growing metropolis, has set its goal to move a major share of its population through mass transit systems like metro, suburban rail, and bus-based systems. Currently more than 40% of the trips in the city are catered by public transport and CMP 2020 stipulates that 70% of all trips are required to be catered by mass

transit/public transport by 2035 for the city to avoid gridlock. In this context, implementation of Area Parking Plans will be instrumental in achieving the broader mobility objectives of Bengaluru and the parking policy proposes to achieve the following objectives through implementation of Area Parking Plans in a phased manner:

Objective 1

Move from chaotic parking to well organized parking:

- Organize and manage on-street parking to ensure that parking does not impinge upon seamless vehicular and pedestrian circulation.
- Shift supply to off-street parking and minimize on-street parking supply to free up scarce street space for transit and NMT supportive uses.
- Free-up residential streets with regulated parking to allow these streets to transform into walkable & livable streets
- Inclusive planning of parking supply to support local business opportunities, facilitate people to access social infrastructure and recreational facilities.

Objective 2

Move from free parking to paid parking:

- Charge the user the cost of parking to largely transfer the cost of using a scarce resource from public at large to the beneficiary
- Unbundle parking charges and make users directly pay for their desired parking Convenience

Objective 3

Move from Government driven parking supply to market driven parking supply and management:

- Enable faster development of organized off-street parking supply and efficient management through means of private market forces.
- City needs to explore privately financed and market driven off-street parking regime, in addition to public funded, government created off-street parking regime.

Objective 4

Move from passive and weak enforcement of parking regulations to active management of parking demand:

- Urban local body to consider parking management as one of its key functions and deliver parking services in a systemic and efficient manner

-
- Use of technology in enforcement and management of parking to better address concerns of manpower shortage, efficiency, and pilferage.
 - Support and increase the patronage of public transport by cross subsidizing transit and NMT infrastructure through parking revenue

Parking Policy 2.0 has therefore identified zonal level Area Parking Plans as the implementation tool for the parking regulations identified in the policy.

1.3 Scope of Work

Scope of work for preparation of Area Parking Plans for Yelahanka Zone includes the following-

Identification of streets where on-street parking caters to more than 70% non-residential land use.

Assessment of current parking demand characteristics like type of vehicles parked extent of parking etc.

Assessment of site conditions for providing parking like carriageway widths, availability of footpaths, intensity of bus movement etc.

Allocation of regulated parking based on policy stipulations, demand characteristics, and site constraints

Detailed drawings of plans and street sections indicating mode-wise parking provision on road including location of signages

Stakeholder consultations with zonal task force and ward level stakeholders

2 Study Methodology

The following methodology has been adopted to arrive at on-street parking arrangement plans for each road in the zone.





Figure 1: Methodology of Area Parking Plan

2.1 Reconnaissance Survey

Reconnaissance survey was carried out on all the roads in the zone. The road with non-residential parking demand were selected to further study and carry out data collection. Residential roads and roads with no parking demand were not considered in the study

2.2 Data Collection

To understand the street character and parking demand, inventory surveys were carried out using the Arc GIS collector application. The platform was developed to facilitate the data collection which was coded and allowed for capturing of photographs of the survey location. Various attributes as per the survey requirements were provided in the application format to collect the information. The following figures shows the user interface of the application and the attributes provided for data collection:

Photographs captured for each road segment along with Data

OBJECTID	995	Landuse_RHS	
Status	New	Landmark_RHS	open space
Surveyor_Name		CW_RHS	3.5
Road_Name	C,N	FP_RHS	1
Traffic_Movement	1st main Road	Shoulder_RHS	1.5
LandUse_LHS	Commercial	ParkingType_RHS	Parallel
LanduseRemark_LHS	open space	Legality_RHS	Authorised
LandMark_LHS	open space	Car_RHS	4
CW_LHS	3.5	Bike_RHS	12
FP_LHS	2	PBS_Cycle_RHS	3
Median	0	Cycle_RHS	15
Shoulder_LHS	0.75	LanduseRemarkRHS	Restaurant
ParkingType_LHS	Parallel	PrivateBus_RHS	0
Legality_LHS	Authorised	SchoolBus_RHS	1
Car_LHS	6	RTC_RHS	
Bike_LHS	40	Auto_RHS	8
PBS_Cycle_LHS	0	LCV_RHS	1
Cycle_LHS	10	HCV_RHS	1
PrivateBus_LHS	0	Tractor/Trailor_RHS	0
SchoolBus_LHS	1	Ambulance_RHS	1
RTC_LHS	0	Others_Specify_RHS	-
Auto_LHS	13	TSS	No
LCV_LHS	0	DemandSurvey	
HCV_LHS	0	Remarks	
Tractor/Trailor_LHS	0	Shape_Length	217.110827176484
Ambulance_LHS	1	date_	10/11/2021
Others_Specify_LHS		CreationDate	12:20:18 PM
		EditDate	12:18:13 PM
			10/11/2021
			12:18:13 PM

Figure 2: Attributes collected during the data collection phase

The following surveys were carried out using Arc collector GIS app on the identified road in reconnaissance survey to understand the existing parking characteristics:

2.2.1 Road Inventory survey

The road inventory was carried out for all the road with non-residential parking to capture the details of carriageway width, footpath width, one way/two-way traffic movement, divided/ undivided road, bus stop locations, auto stand locations, etc. this helps in understanding the street character and availability of capacity for parking provisioning.

2.2.2 Parking Inventory Survey

The parking inventory was carried out on road with non-residential parking demand to collect the data related to attributes like mode wise count of vehicles parked, parking pricings (if any), legality of the parking, capacity, and location of existing off-street parking locations etc.

2.2.3 Land Use Survey

The land use of the building blocks was captured for roads where parking inventory was planned. A broad classification of the land use was survey to understand the overall character of the street with respect to the parking demand.

2.3 Parking Allocation Plan

A parking allocation plan was prepared for streets with parking demand based on the understanding of the street character (including road inventory, traffic intensity, intensity of bus movement, etc.), design principles and data captured to regulate the on-street parking demand. This parking allocation plan is at a conceptual level and provides the information on location at which parking is proposed, number of proposed parking bays for each vehicle type like cycle, shared micro mobility services, two wheelers, four wheelers, parking for persons with disability, auto stand, and designating spaces for pick up and drop, and loading and unloading.

2.4 Stakeholders' Consultation

The parking policy 2.0 of Bengaluru prescribes constitution of a zonal task force under the respective Zonal Joint Commissioner, BBMP with representatives from Traffic Police and jurisdictional RTO for each zone to assist/monitor in preparation and implementation of Area Parking plans. In this regard parking plans have been discussed with all the stakeholders under the chairmanship of Joint commissioner of the zone followed by discussion of ward wise plans and site visits with respective ward engineers and traffic police officials. The agenda of the consultations was to seek feedback and inputs on the parking allocation plan prepared for the zone and to get the approval of the zonal task force on the prepared parking plans. The details of the consultations and consultation proceedings are attached in annexure 2.

2.5 Detailed Drawing

Based on the inputs and feedback from Zonal task force, the Area Parking Plans for the zone have been appropriately finalized. The roads where parking has been finalized were surveyed to develop a base drawing depicting existing site conditions including identification of above ground utilities, cross roads, vehicular access ramps, trees, etc.

The base drawings were utilized to stipulate the parking bays for pick-up/ drop-off bays, loading/ unloading bays on the street as per the standard dimensions required for parking and detailed in Chapter 3. Signage is key for dissemination of information regarding the regulations governing the usage of the parking bays like type of vehicles that can park, parking charges applicable etc. Proposed locations of appropriate signage related to parking have been indicated in the detailed drawings.

3 Design Principles

3.1 Parking Principles

3.1.1 Principles for Parking Allocation

The principles considered for the allocation of on-street parking are given below:

- a. Parking has not been provided for up to 50 meters and 25 meters on each arm of major and minor junctions respectively, to avoid potential inconvenience to the pedestrians crossing at junctions or vehicles turning at junctions.
- b. Provision of on-street parking is prohibited within 250m of a Multi-Level Parking complex and metro stations to encourage people to use such facilities instead of parking on street.
- c. Roads with the high movement of traffic have been rationalized for provisioning of parking. Parking has been avoided on roads with high intensity of traffic movement or with high frequency of bus movement.
- d. Parking on the roads has been provided only after earmarking a width of 2 m for footpaths on either side of the road.
- e. As a part of Area Parking Plans, parking has been provisioned for all types of vehicles which includes cycles, SMMS, loading/unloading bays for trucks, autorickshaw stands, disabled parking and private vehicles.
- f. Parking bays are allocated based on the mode-wise demand captured from parking demand survey and street inventory survey.
- g. Parking bays for differently abled persons on each road are allocated closer to footpath ramps, elevators, or access to establishments.
- h. It is ensured where feasible that parking for cycles and SMMS is provided at every 250 to 300 m to facilitate last mile connectivity to public transport and short commute in the area

3.1.2 Principles of Parking bays design

The following are the design standards adopted for bays allocated for different kind of vehicles based on the relevant standards and studies

- Parking bays two-wheelers/ motor bikes (L*B) = 2.0 X 1.0 meters
- Parking bays for four-wheelers/ cars/ jeeps (L*B) = 5.5 X 2.5 meters
- Parking bays for Persons with Disabilities using two-wheelers (L*B) = 2.0 X 2.0 meters
- Parking bays for Auto rickshaw (L*B) = 3.0 X 2.0 meters

- Parking bays for Cycle and SMMS parking (L*B) = 2.0 X 10 meters
- Parking bays for Pick up & Drop Off – (L*B) = 11.0 X 2.5 meters (Equivalent to two car Bays)
- Parking bays for LCV (L*B) = 5.5 X 2.5 meters
- Parking bays for HCV (L*B) = 11 X 2.5 meters

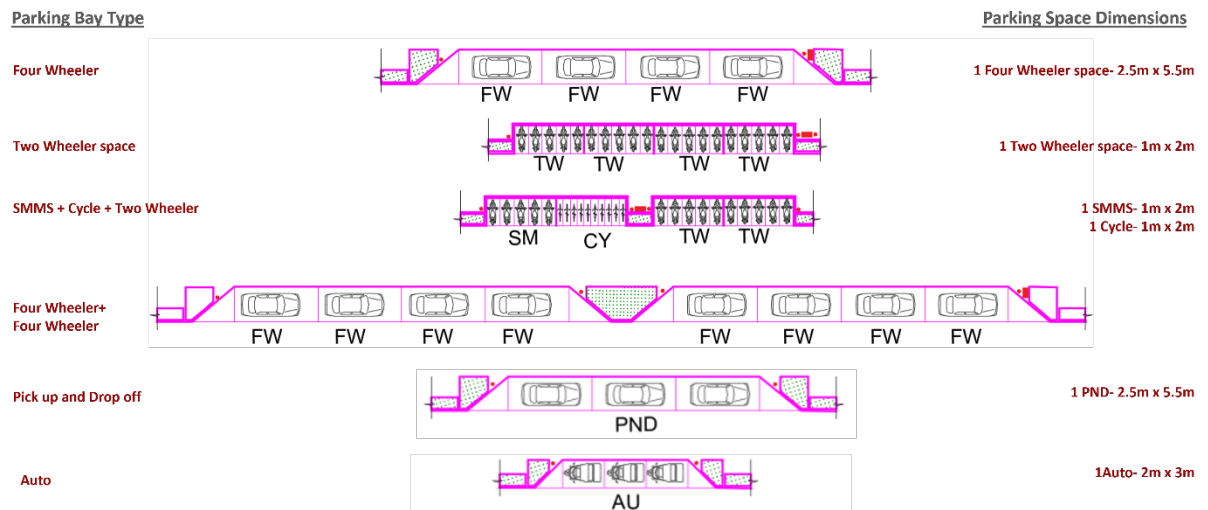


Figure 3: Typical arrangement of parking bays

3.2 Parking Signage

For implementing the parking policies, signage forms an important component of the parking system for communicating to road users regarding various parking regulations applicable at any given parking lot like type of vehicles allowed to park, maximum allowed duration for loading/unloading, parking fee structure etc. In this context, a parking signage manual has been developed which will be shared in due course.

The tentative signage plan is also included in the designs provided. Based on the manual guidelines the respective signage plan must be taken up for implementation.

4 Study Area

4.1 Zonal Details

The study area considered for preparation of Area Parking Plans is Yelahanka zone which has 11 wards covering 102 sq.km area and with a total population of approximately 2.5 lakh (as per 2011 census). The population density of the Yelahanka zone comes to about 2505 persons/sq.km. Below is the zonal map of the Yelahanka zone.

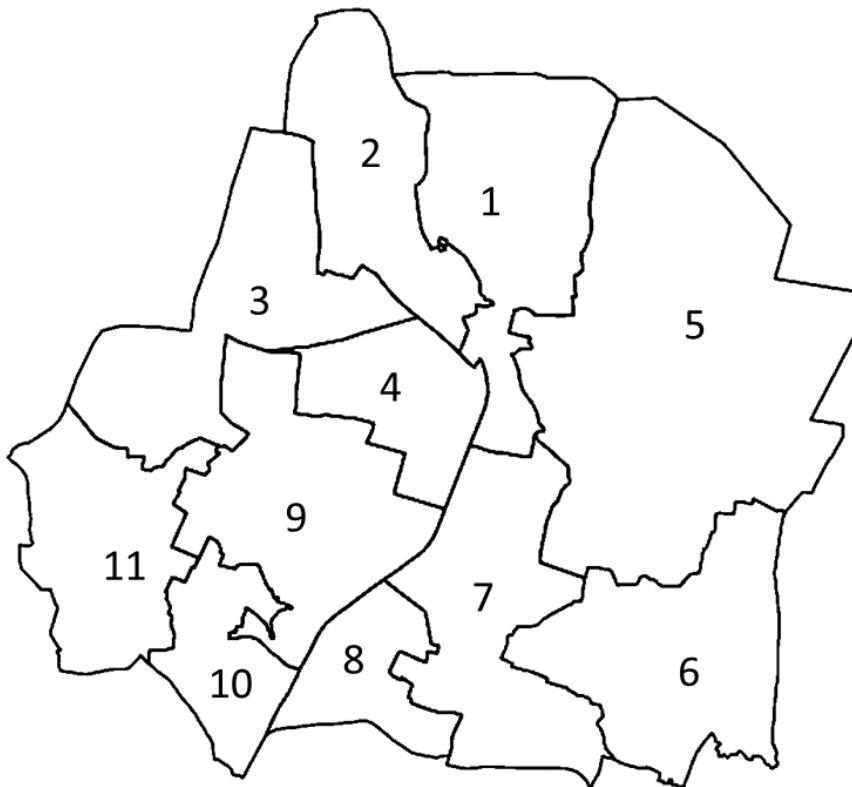


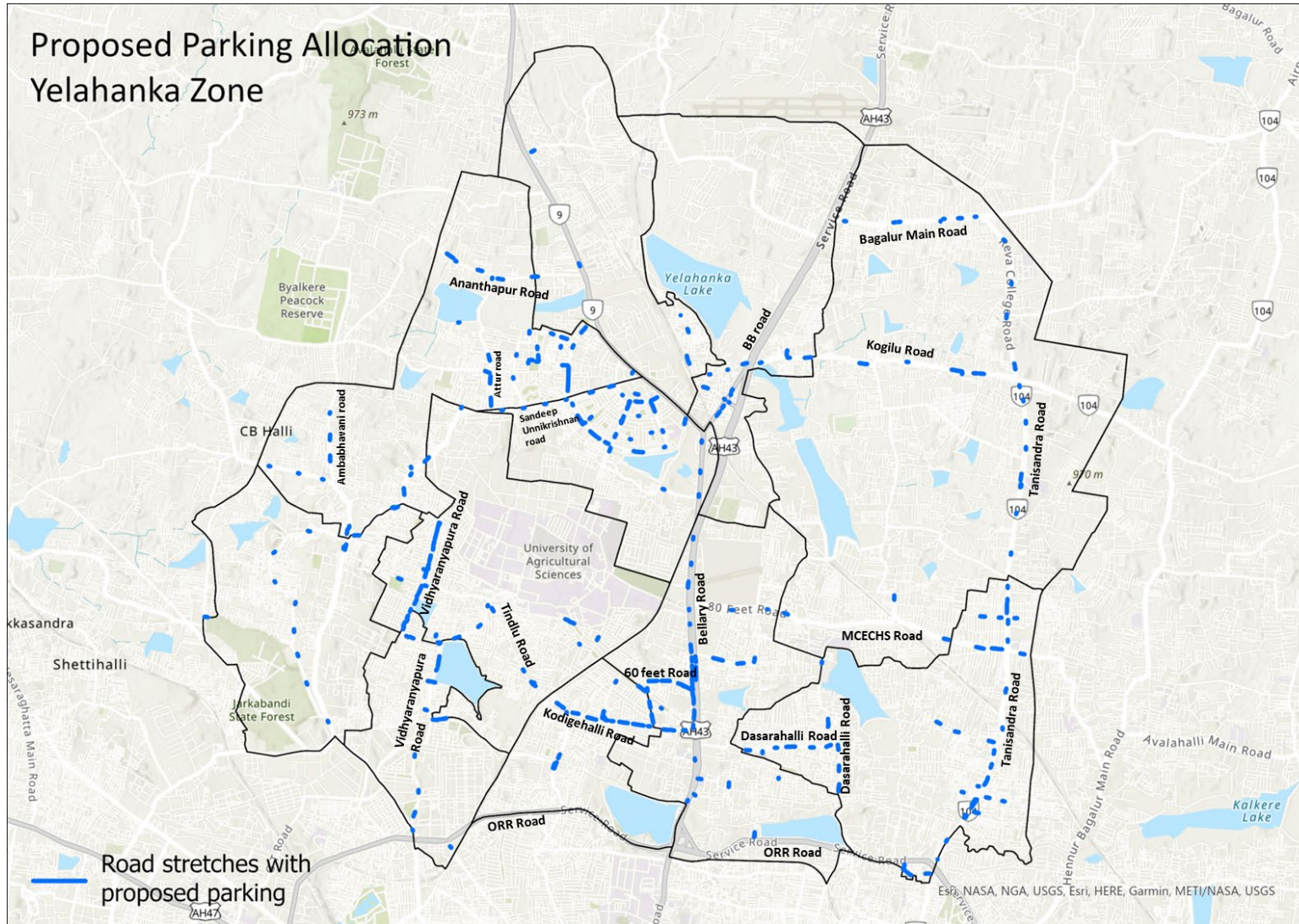
Figure 4: Zonal Map of Yelahanka Zone

Some of the major roads with traffic movement and intense commercial activity are Bellary Road, Kodigehalli road, Kogilu road, Vidyaranyapura road, Thanisandra road, 1st main road, 15th A cross in Yelahanka new town, 20th main road and 1st main road in Kodigehalli ward, Outer Ring Road etc.

The major attraction points in the Yelahanka zone are Rail wheel factory, Yelahanka station, Federal Mogul TPR India, Educational Institutions in Yelahanka new town, GKVK institute, BEL, Sahakar nagar, Kodigehalli etc.

Following is the map showing the roads on which the parking allocation is proposed.

4.2 Parking allocation – Zone Level



4.2.1 Number of proposed parking spaces (mode wise) for each road at ward level

Ward No	Road Name	CYCLE	SMMS	TWO-WHEELER	PWD	CAR	AUTO	PICK-UP/DROP-OFF	LCV	HCV	LOADING/UNLOADING
1	Down Bazaar Road	10	10	18	1	-	-	1	-	-	-
	Hospital road	5	5	-	-	-	8	1	-	-	-
	Jakkur Road	-	-	-	-	-	-	1	-	-	-
	Yelahanka Main Road	5	5	18	-	11	-	1	-	-	-
	1st Main Road	-	-	18	-	-	-	-	-	-	-
2	Nagenhalli Road	10	10	-	-	-	4	-	-	-	-
3	1st Main Road	30	25	123	6	10	7	7	-	-	-
	4th phase 4th Cross road	10	10	-	-	-	5	-	-	-	-
	4th phase 5th Cross road	-	-	44	3	-	-	-	-	-	-
	5th Cross Road	5	5	-	-	-	3	1	-	-	-
	6th Cross Road	-	-	-	-	5	-	-	-	-	-
	Shiv Mandir road	10	10	28	1	-	7	1	-	-	-
	2nd Main Road	-	-	-	-	-	7	3	-	-	-
	Ambabhavani & Hesaraghatta Road	20	20	60	5	-	-	4	-	-	-
	Anantapura road	15	15	208	11	-	-	-	-	-	-
	Attur Main Road	15	15	83	-	-	-	-	-	-	-
	Sandeep Unnikrishnan Road	30	30	93	6	-	-	3	-	-	-
	Veersagara road	-	-	-	-	-	5	3	-	-	-
4	1st A Main Road	30	30	82	4	11	5	2	-	-	-
	Major Akshay Girish Kumar Road	30	30	64	3	7	-	1	-	-	-
	3rd A & 3rd B Cross road	20	10	15	-	-	5	-	-	-	-

Ward No	Road Name	CYCLE	SMMS	TWO-WHEELER	PWD	CAR	AUTO	PICK-UP/DROP-OFF	LCV	HCV	LOADING/UNLOADING
	Newtown/ Major Sandeep Unnikrishnan Road	20	15	15	-	-	-	-	-	-	-
	15th A & 16th B Cross road	30	25	120	5	20	4	1	-	-	-
5	Bagalur road	10	10	40	2	-	-	-	-	-	-
	MCECHS Layout Road	10	10	92	4	6	4	-	-	-	-
	Kogilu Road	55	55	200	10	-	-	1	-	-	-
	Belahalli Road	20	20	10	-	-	-	-	-	-	-
	Sampigehalli road	10	10	18	1	-	-	-	-	-	-
6	K Narayanapura Main Road	10	5	18	1	-	-	-	-	-	-
	Thanisandra Main Road	80	80	391	16	22	11	4	-	-	-
	R K Hegde Nagar 1st Main Road	10	10	33	1	-	-	-	-	-	-
	R K Hegde Nagar 1st Main Road (ii)	5	5	18	1	-	-	-	-	-	-
	Rachanahalli Main Road	30	30	43	1	-	-	-	-	-	-
	Abubakkar Masjid Road	-	-	15	-	-	-	-	-	-	-
	Vidyasagar Road	10	10	18	1	-	-	-	-	-	-
	Philomena Hospital Road	30	30	18	1	2	-	2	-	-	-
	Rajendra Infotech Road	-	-	36	2	-	-	-	-	-	-
	Kempegowda Main Road	40	35	71	2	-	-	2	-	-	-
Dasarahalli Main Road	20	20	87	4	-	-	1	-	-	-	
7	Amruthahalli Main Road	20	15	120	5	-	-	-	-	-	-
	20th Main Road	20	15	102	4	18	-	-	-	-	-
	15th Cross Road	20	15	87	6	4	-	1	-	-	-
	HT Parallel Road	10	10	21	2	-	-	-	-	-	-
	4 th Cross Road	5	10	38	1	-	-	-	-	-	-

Ward No	Road Name	CYCLE	SMMS	TWO-WHEELER	PWD	CAR	AUTO	PICK-UP/DROP-OFF	LCV	HCV	LOADING/UNLOADING
	Ranna Road	-	-	46	2	-	-	-	-	-	-
8	20 th Cross Road	10	5	36	2	-	-	-	-	-	-
	Kodigehalli Main Road	10	10	138	6	8	-	-	-	-	-
	Kodigehalli Main Road (ii)	40	40	259	13	18	14	2	-	-	-
9	Vidyaranya Main Road (i)	30	25	300	15	25	-	2	-	-	-
	Vidyaranya Main Road (ii)	10	10	156	7	8	-	-	-	-	-
	9th A Cross Road	-	-	36	2	-	-	-	-	-	-
	7th Cross Road	-	-	36	2	-	-	-	-	-	-
	Tindlu Main Road	30	30	148	6	4	11	-	-	-	-
10	Kabeer Ashrama Road	10	10	36	2	-	5	-	-	-	-
	RC Pura Road	-	-	18	1	-	-	-	-	-	-
	Doddabommasandra crossroad	-	-	66	2	-	-	-	-	-	-
	Doddabommasandra main road	10	10	72	4	-	4	-	-	-	-
	Njappa Main Road	-	-	54	3	-	-	-	-	-	-
11	Singapura Main Road	5	5	10	-	-	-	-	-	-	-
	MS Palya Road	5	5	23	1	-	-	-	-	-	-
Total		870	815	3899	178	179	109	45	0	0	0

4.3 Other Proposals – Zone Level

Other than parking allocation, to promote non-Motorized transport, DULT has also prepared a cycling network plan for Yelahanka zone. Below is the map showing proposed cycle network in the zone of Yelahanka. The detailing of the cycle network plan will be shared subsequently.

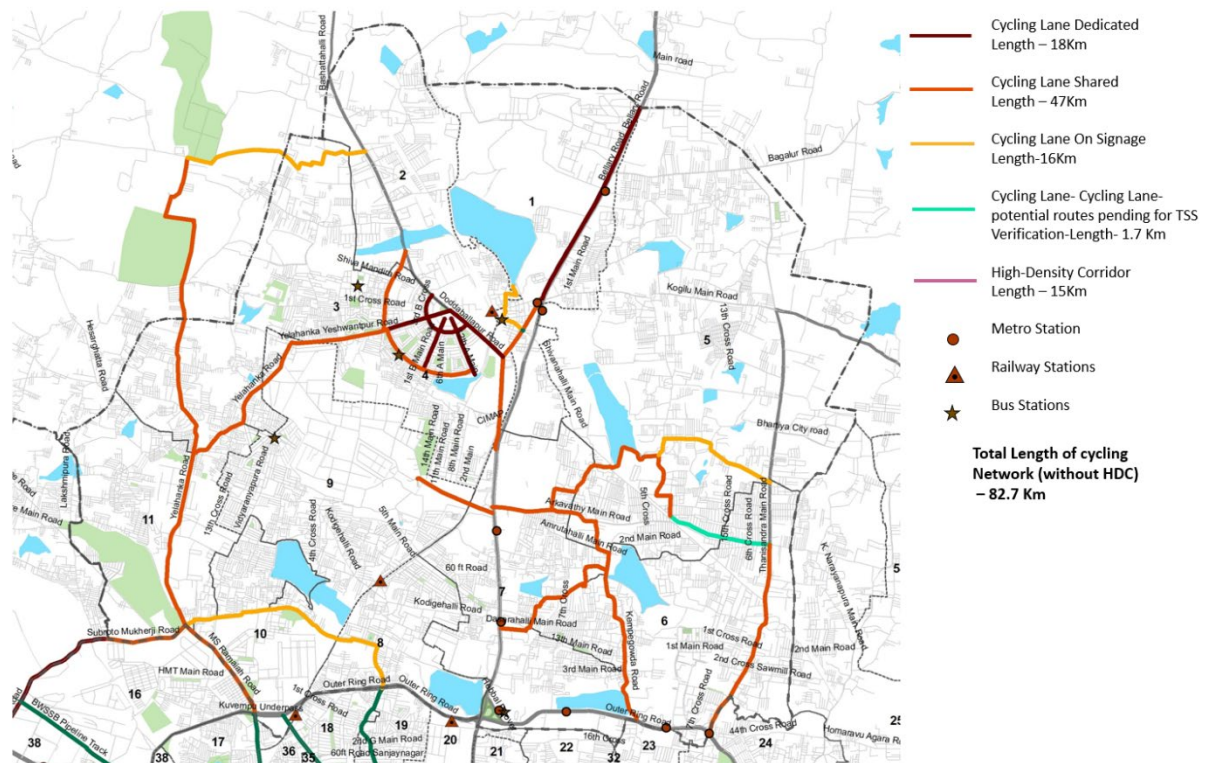


Figure 5: Map showing proposed cycle track/lane network in Yelahanka Zone

Below table gives the roads on which both dedicated cycle track (physically segregated) and parking are provisioned.

Ward No	Road Name
1	Bellary Road
3	Sandeep Unnikrishnan Road
4	Doddaballapur road
4	1 st Main Road
4	Major Akshay Girish Kumar Road

Below table gives the roads on which both shared cycle track (either with footpath or on road) and parking are provisioned.

Ward No	Road Name
---------	-----------

1	BB Road
3	Sandeep Unnikrishnan Road
4	16 th B Cross road & 15 th A Cross road
6	Thannisandra main road
6	Kempegowda road
7	Jakkur main Road

On the above-mentioned roads, where both parking and cycle track/lanes are proposed, the cycle lanes will be provided on the opposite side of the road where parking is provisioned.

Annexure 1 – Ward Details

Ward 1 – Kempegowda Ward

Demographic Details

The Kempegowda ward with an area of 10.22 sq km consists of 21866 population (as per 2011 census) with a density of 2088.43 Persons per Sq.km.

Existing Land use

One of the major land uses in this ward is Residential and Defense land use. It is home to air force training Centre. There is considerable amount of Vacant land too in this ward. Below is the map showing the Land use of the Kempegowda ward.

Transport Network

The major roads in the wards include Yelahanka main road, Bellary Road, part of Kogilu main road, Hospital Road.

The major attraction point in the ward are Nitte Meenakshi institute of technology, Government general hospital, Yelahanka lake, Canadian international school.

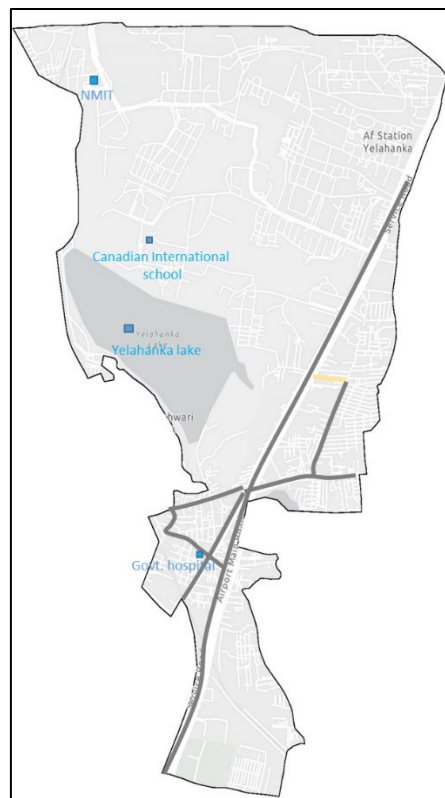
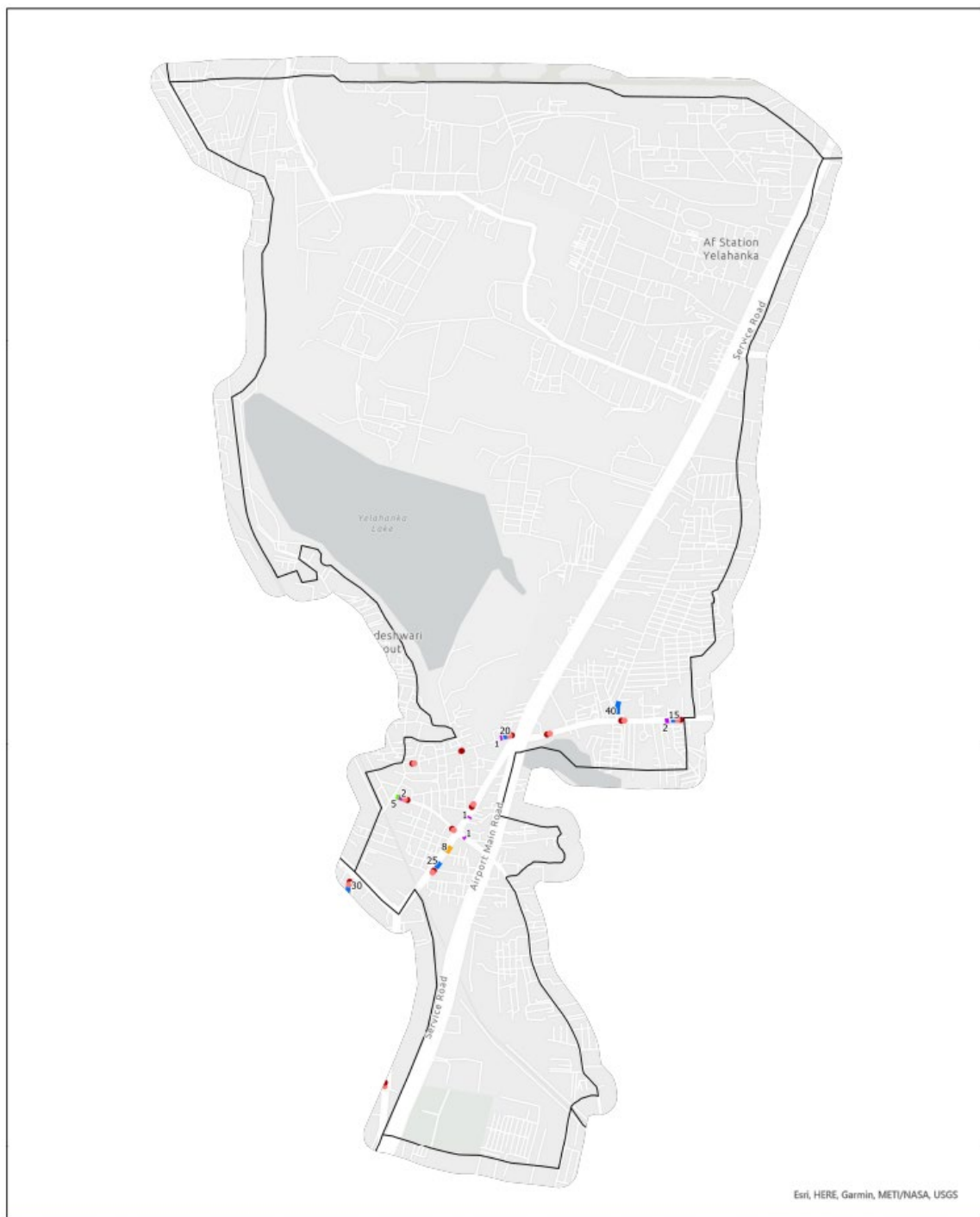


Figure 6: Map showing major roads and attraction points of Kempegowda ward

Parking allocation



Esri, HERE, Garmin, METI/NASA, USGS

Proposed Parking	Pick up and drop	Layer
Autorickshaw	Person with disability	Cycle
Four wheeler	Two wheeler	Shared mobility
Light commercial vehicle		Ward boundary

Ward 2 – Chowdeshwari Ward

Demographic Details

Chowdeshwari ward with an area of 7.66 sq.km hosts a population of 19626 with a density of 2779 persons per Sq.km.

Existing Land use

One of the major land uses in this ward is Industrial and Public – Semipublic. The major attraction points in this ward are Federal Mogul Goetze India limited, Rail wheel factory and KPCL power plant. The commercial land use is very less in this ward and same is the case with parking demand.

Transport Network

The only major road in this ward includes Doddaballapur road which gives access to the major industrial establishments. Doddaballapur road is the only one which has bus route operational.

The wheel and axle factory, CRPF Quatres, Chowdeshwari Devi Temple, Yelahanka, Yelahanka railway station.

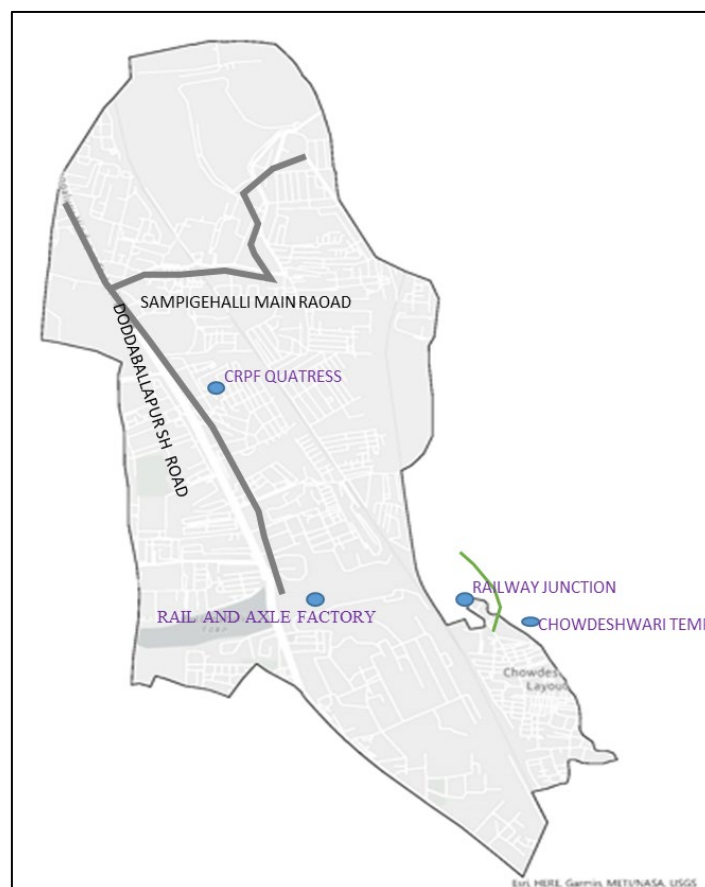
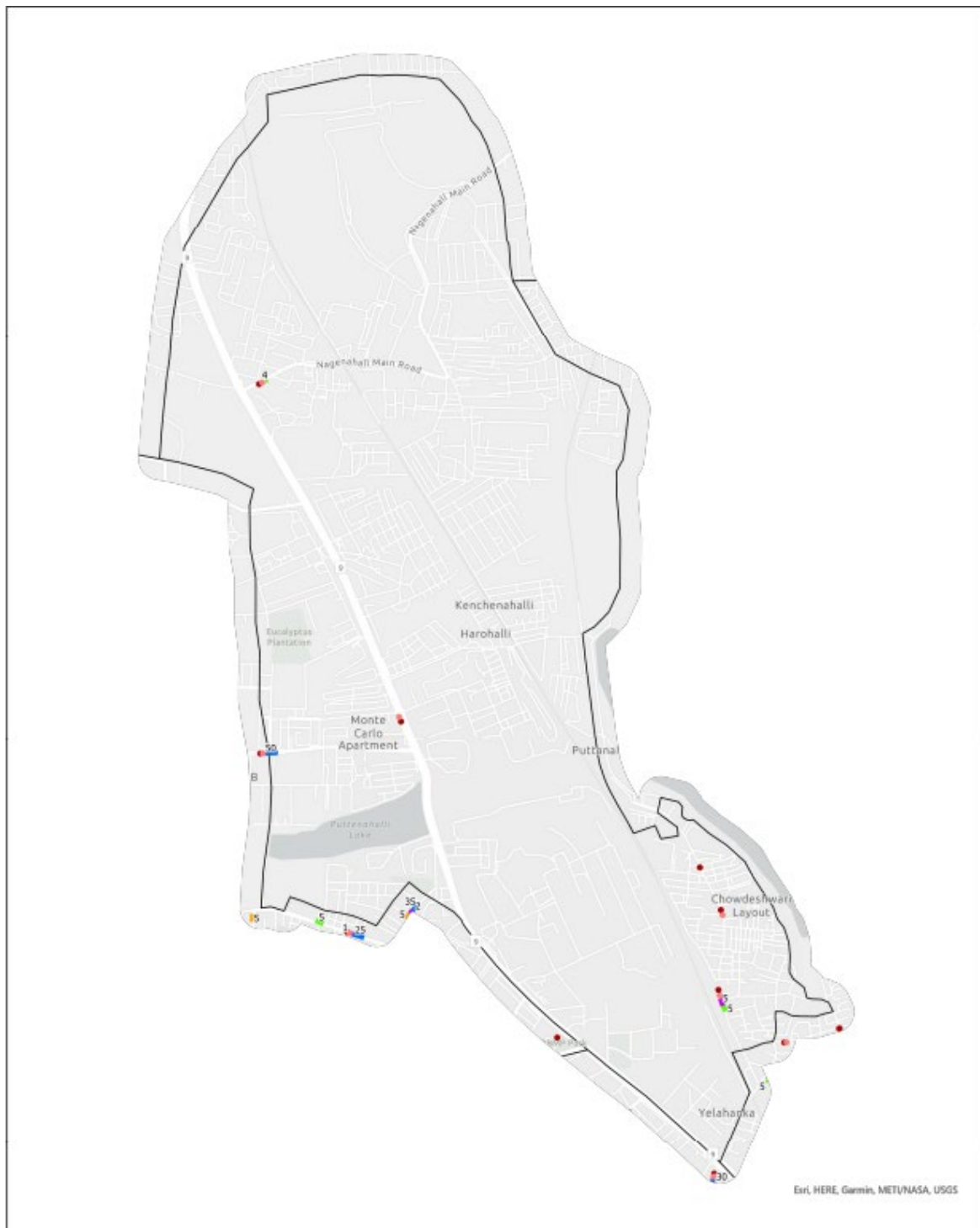


Figure 7: Map showing major roads and attraction points of Chowdeshwari ward

Parking allocation



Ward 3 – Attur Ward

Demographic Details

Attur ward with an area of 9.89 sq.km has a population of 24020 with a density of 2366 persons per Sq.km.

Existing Land use

Residential and Public semipublic are the major land uses in this ward. Along with these, commercial land use is prevalent among the major roads. A small part of industrial area also exists.

The major attraction points in this ward are CRPF camp, Sambhram institute, Srishti institute of art, RWF west colony which houses small industries. Along with these the commercial areas along 1st main road, Attur road, DKN road and Yelahanka main road attracts traffic.

Transport Network

The major roads in the ward include, Sandeep-Unnikrishnan Road, 1st main road, Hesarghatta main road, Anantapura road, Doddaballapur road, DKN road.

Some of the major attraction points in the ward are Attur lake, Nagarjuna PU college, Navachetan hospital, Sambram Institute of technology etc.

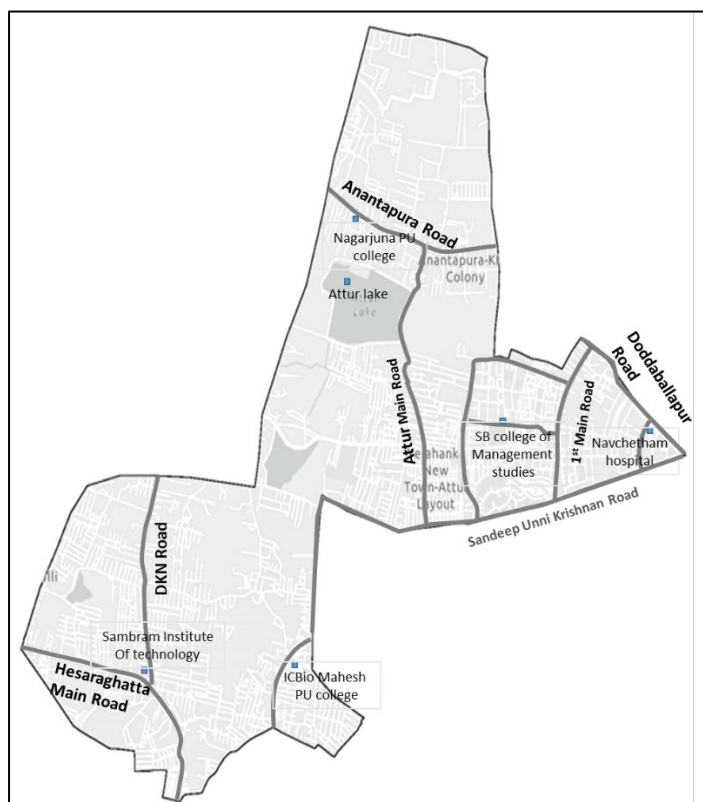
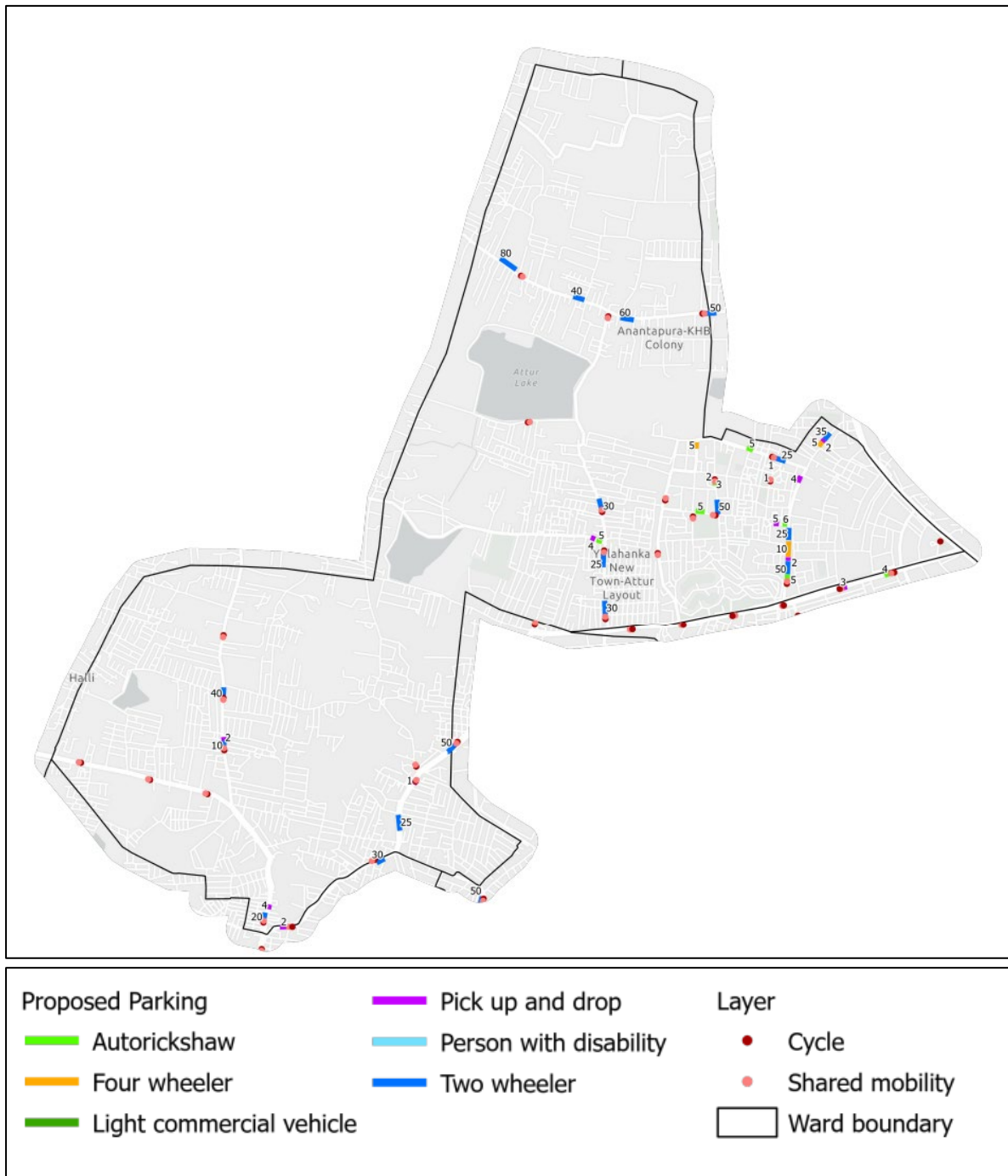


Figure 8: Map showing major roads and attraction points of Attur ward

Parking allocation



Ward 4 – Yelahanka Satellite Town Ward

Demographic Details

Yelahanka satellite town ward with an area of 4.89 sq.km has a population of 25782 with a density of 5261 persons per Sq.km. this ward has one of the highest population densities in the Yelahanka zone.

Existing Land use

The major land uses in this ward is Residential, Institutional, and commercial. The major institutions are Seshadripuram college, Jhana Jyothi college, East west college, National institute of public cooperation etc.

Transportation network

The major roads in this ward include Yelahanka town main road, 1st Main Road, 15th A cross, Major Akshay Girish Road and 3rd A cross. These roads consist of bus route network also.

The major landmarks in the ward include Reva university, Agrahara govt hospital, Jakkuru lake, KNS institute of technology, Brindavan college, Tourche golf course, Jawaharlal Nehru Centre of advance.

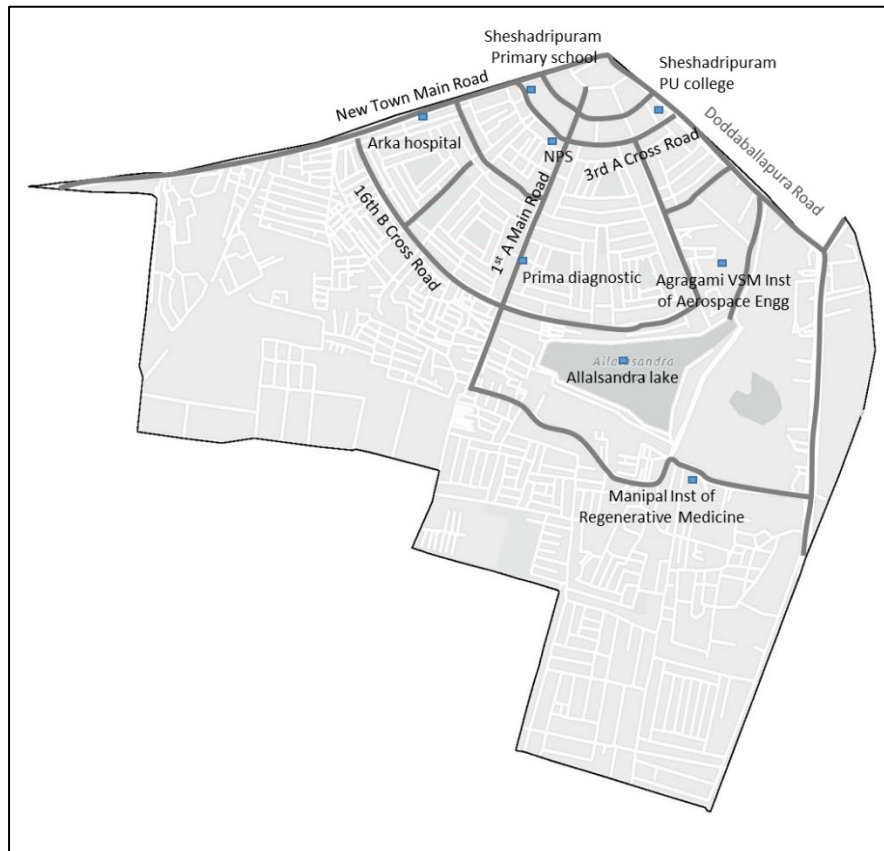
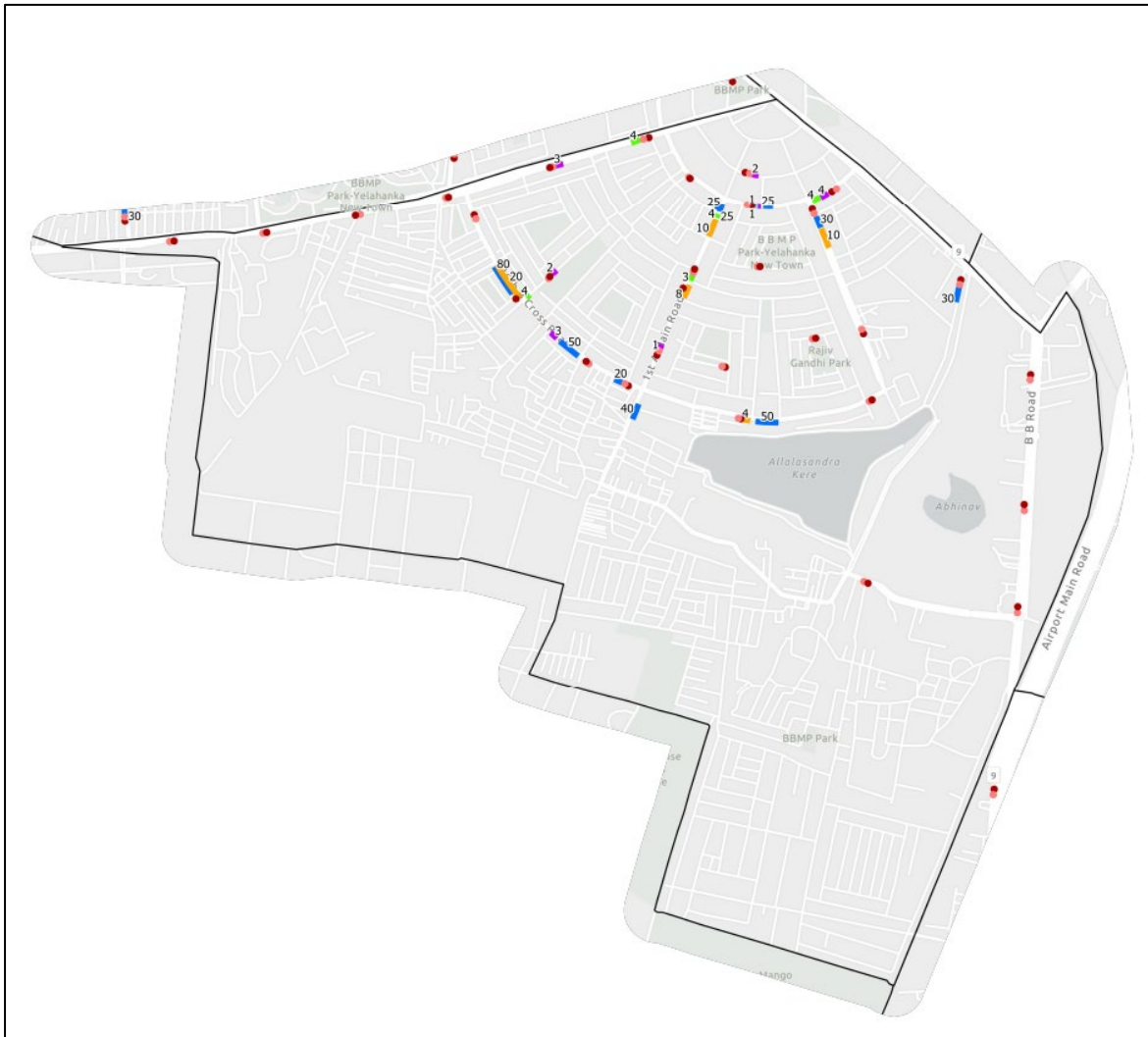


Figure 9: Map showing major roads and attraction points of Yelahanka Satellite town ward

Parking allocation



Proposed Parking		Pick up and drop	Layer	
	Autorickshaw			Cycle
	Four wheeler			Shared mobility
	Light commercial vehicle			Ward boundary

Ward 5 – Jakkur Ward

Demographic Details

Jakkur ward with an area of 24.18 sq.km has a population of 20964 with a density of 875 persons per Sq.km. this ward has the least population densities in the Yelahanka zone.

Existing Land use

The major land uses in this ward is vacant and agriculture. The residential land use is very limited. There are small pockets of public semipublic and industrial.

Transportation & Bus route network

The major road network in this ward includes Bagalur Main Road, Bellahalli main Road, Kogilu Main Road, Thanisandra Main Road, Narayana main Road, 80ft main Road, Sampige halli road. The roads on which BMTC buses ply are Bagalur road, Belahalli road, Thanisandra road.

The major landmarks in the ward include Reva university, Agrahara govt hospital, Jakkuru lake, KNS institute of technology, Brindavan college, Tourche golf course, Jawaharlal Nehru centre of advance.

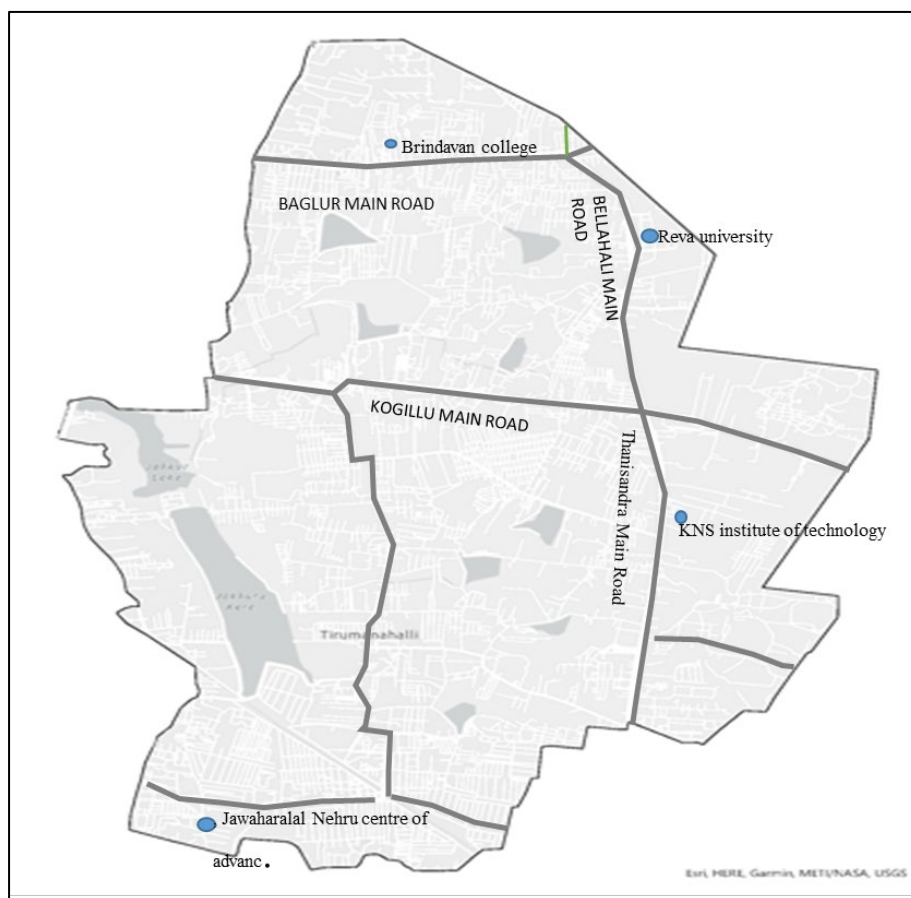
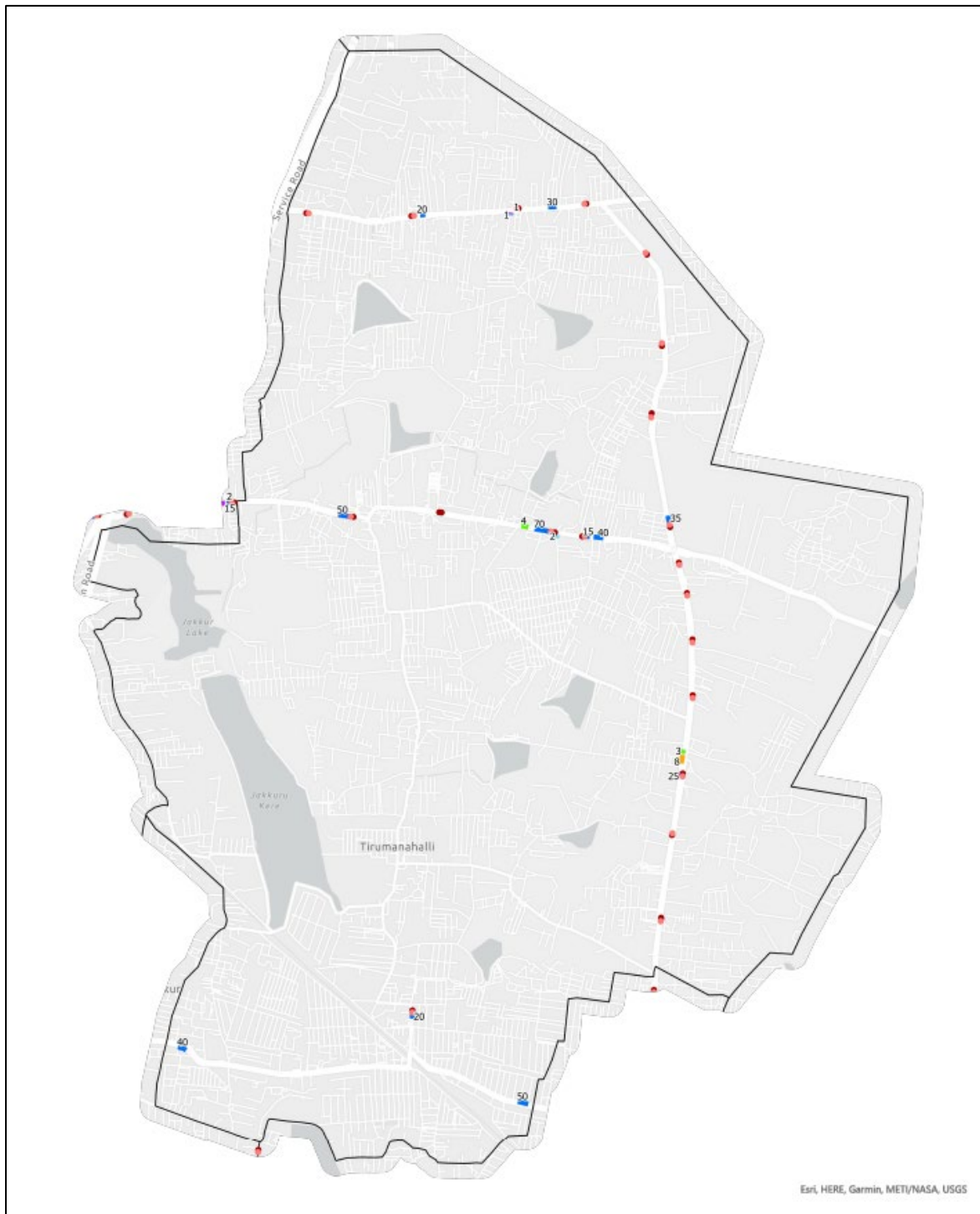


Figure 10: Map showing major roads and attraction points of Jakkur ward

Parking allocation



Ward 6 – Thanisandra ward

Demographic Details

Thanisandra ward with an area of 9.57 sq.km has a population of 72154 with a density of 3271 persons per Sq.km.

Existing Land use

The major land uses in this ward is vacant and residential. The commercial land use is very limited. There are small pockets of public semipublic.

Transportation network

The major roads in this ward include Thanisandra Main Road, 80 Feet Road, Outer Ring Road and Kempegowda Main Road.

The major landmarks in this ward are Rachenahalli lake, Manpho exports, Manyata embassy park, Rastrothana and Vidya Kendra.

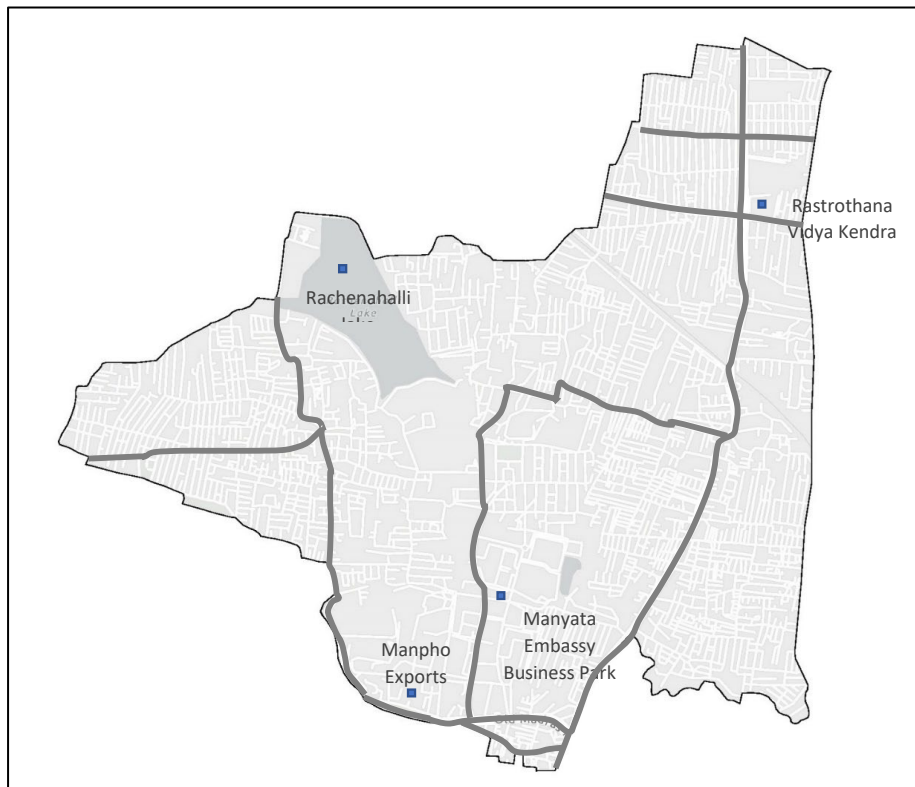
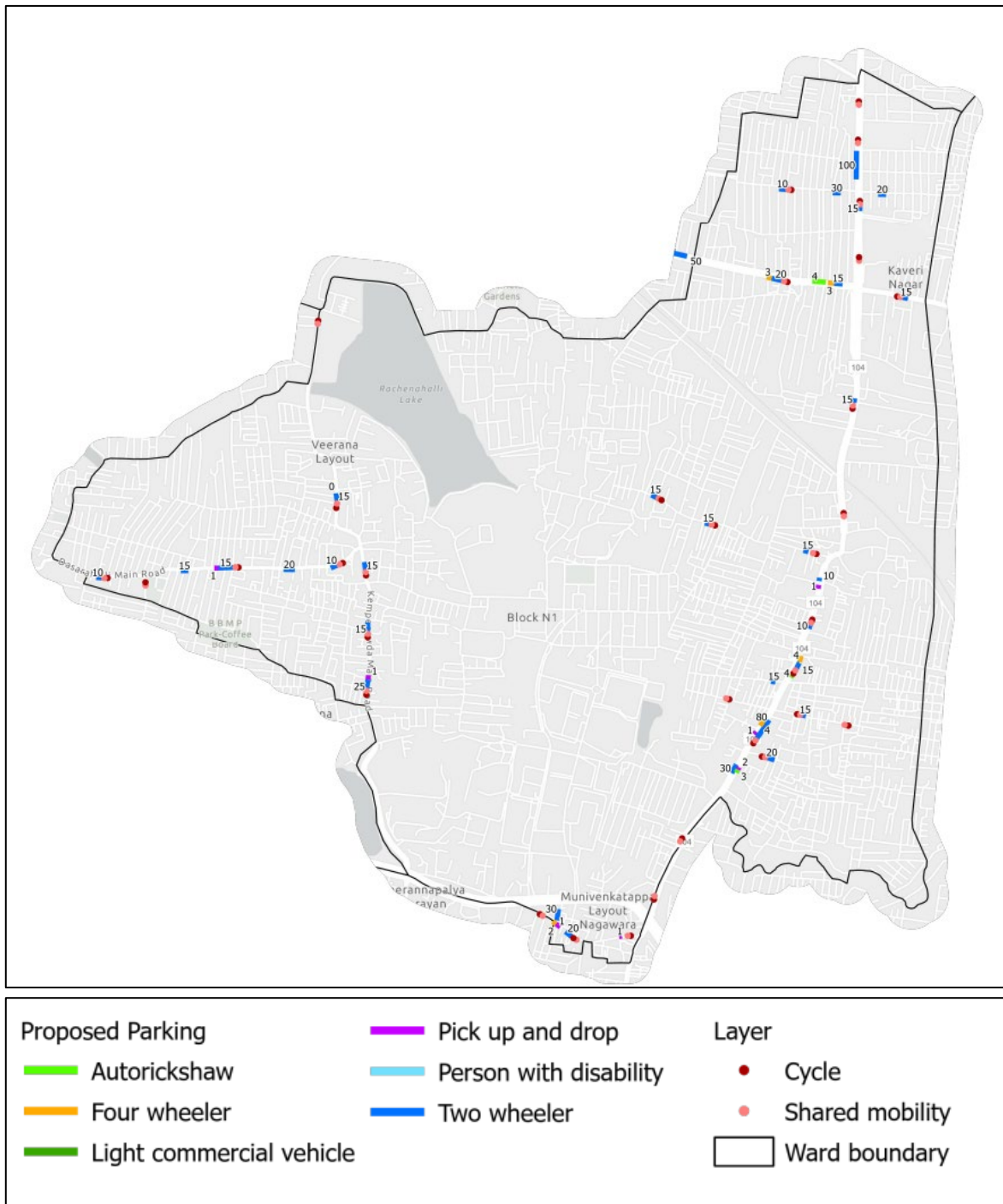


Figure 11: Map showing major roads and attraction points of Thanisandra ward

Parking allocation



Ward 7 – Byatarayanapura ward

Demographic Details

Byatarayanapura ward with an area of 10.09 sq.km has a population of 71855 with a density of 2022 persons per Sq.km.

Existing Land use

The major land uses in this ward is residential and public and semipublic. The commercial land use is along the NH 7 service road, kodigehalli main road. The remaining land use is vacant and open space.

Transportation network

The major roads in this ward include NH& Service Road, BIAL Elevated corridor, Bellary road, Jakkuru Main road, Amruthalli main road and Kodigehalli Main Road.

The major landmarks in this ward are Nagavara lake, Esteem mall, Aster hospital, Columbasia hospital, Kirloskar business park, Presidency college, L&T comatsu, jakkuru airodrome.

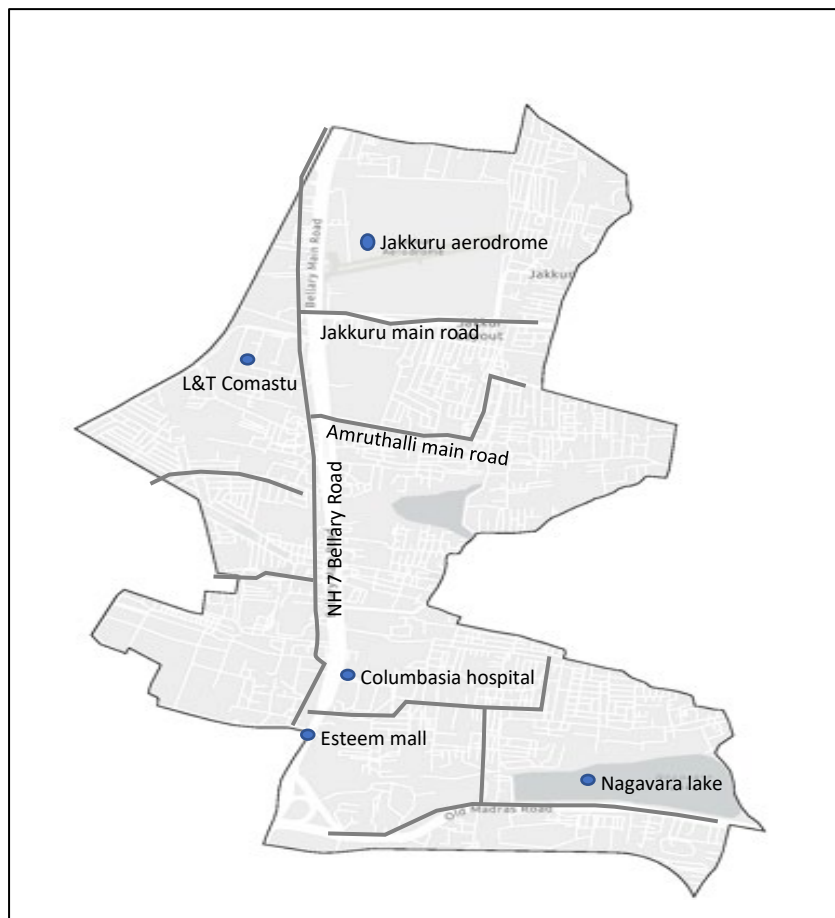
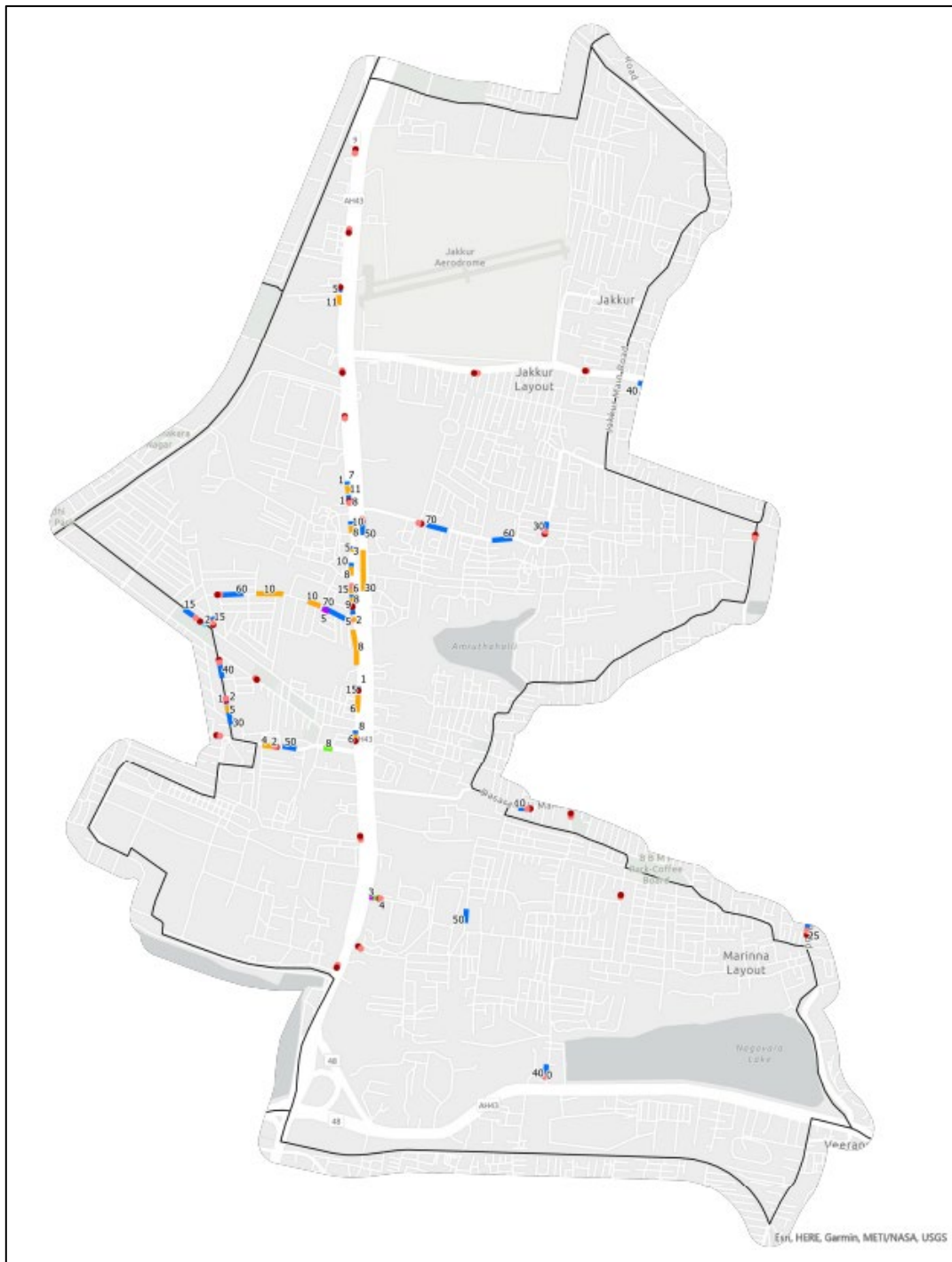


Figure 12: Map showing the major road and attraction points in Byatarayanapura ward

Parking allocation



Ward 8 – Kodigehalli ward

Demographic Details

Kodigehalli ward with an area of 3.84 sq.km has a population of 47546 with a density of 5635 persons per Sq.km.

Existing Land use

The major land use in this ward is residential. The commercial land use is along Kodigehalli main road, Kodigehalli 1st main road, 24th crossroad, Outer ring road. There are small pockets of public semipublic.

Transportation network

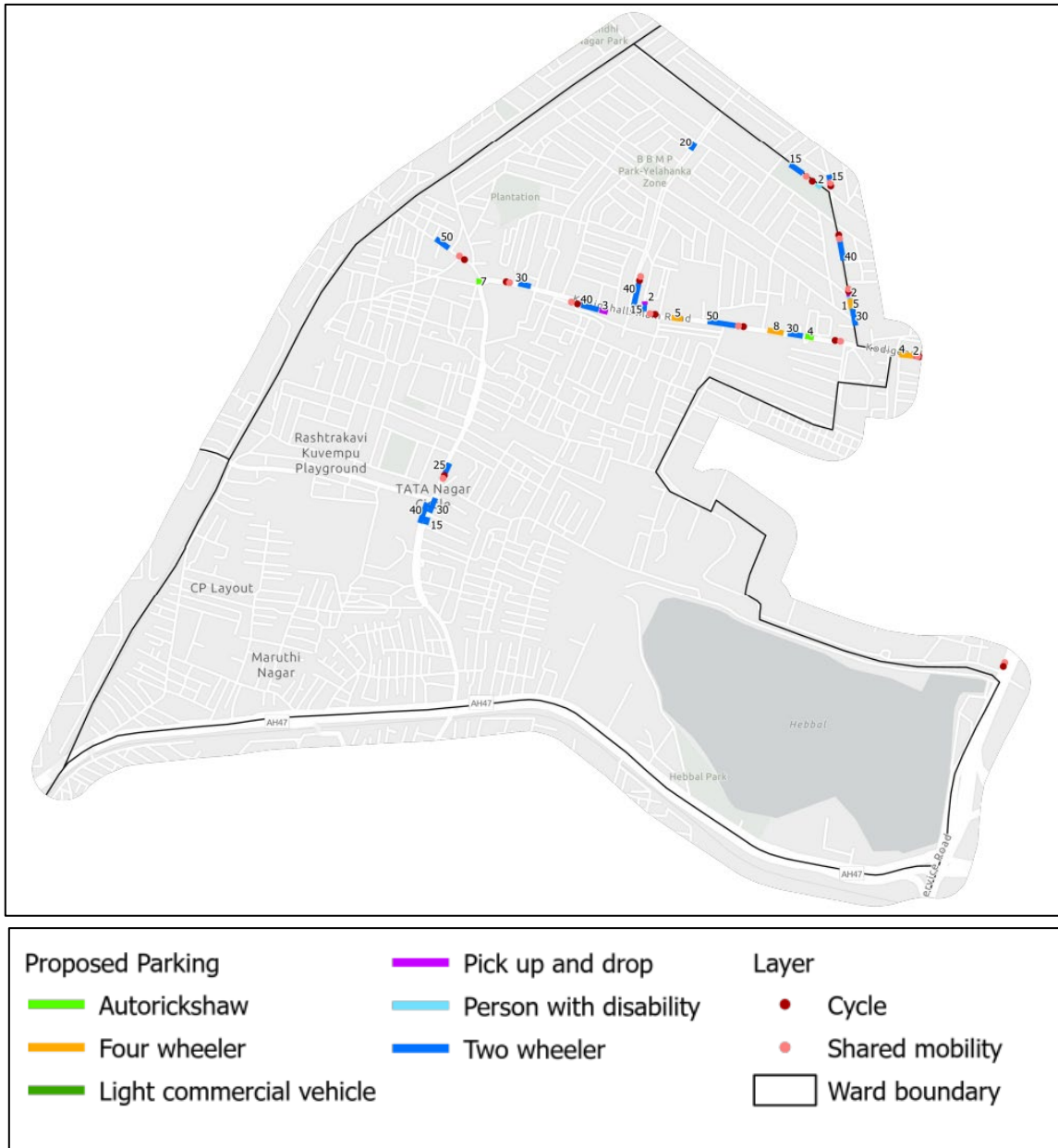
The major roads in this ward include Outer ring road, Airport Road, Kodigehalli main road, Kodigehalli 1st main road and 24th crossroad.

The major landmarks in this ward are Chairman’s resort, Karnataka public school, Big bazaar, and Hebbal lake.



Figure 13: Map showing the major roads and trip attraction points in Kodigehalli ward

Parking allocation



Ward 9 – Vidyaranyapura ward

Demographic Details

Vidyaranyapura ward with an area of 9.98 sq.km has a population of 57195 with a density of 2313 persons per Sq.km.

Existing Land use

The major land uses in this ward is public and semipublic. The commercial land use is along Vidyaranyapura-nanjangud road and Narsipur lake park along the road, Tindlu main road. The rest is majorly residential.

Transportation network

The major roads in this ward Vidyaranyapura- nanjangud road, 8th main road Vidyaranyapura, Tindlu main road, GKV Road & Sandeep Unnikrishnan Road.

The major landmarks in this ward are GKVK university, Narsipur lake, narayana hospital, durga devi temple, sri sai baba temple

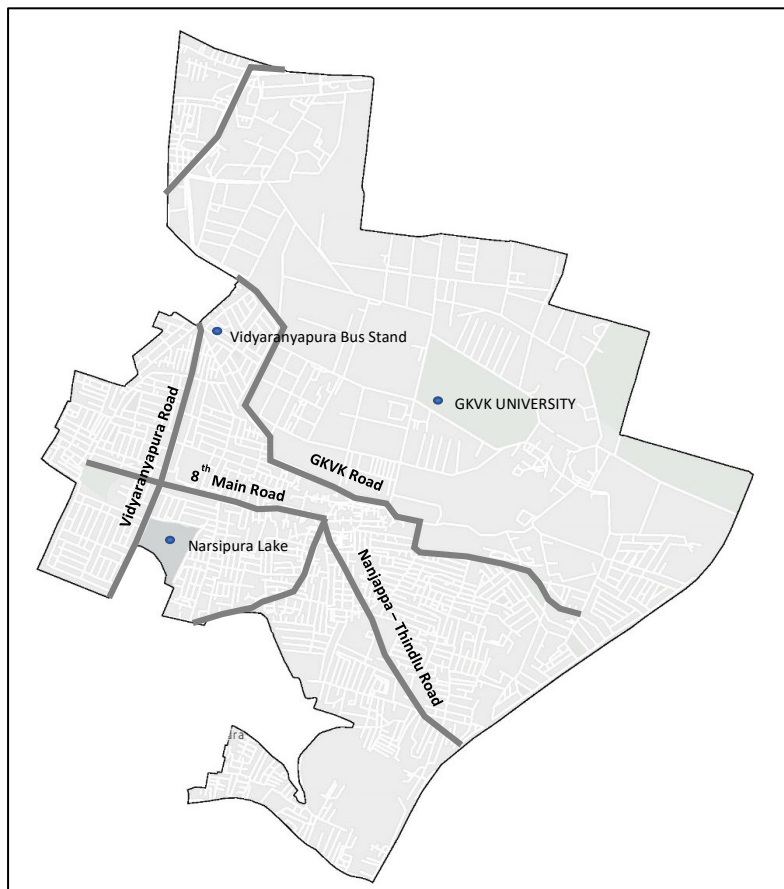
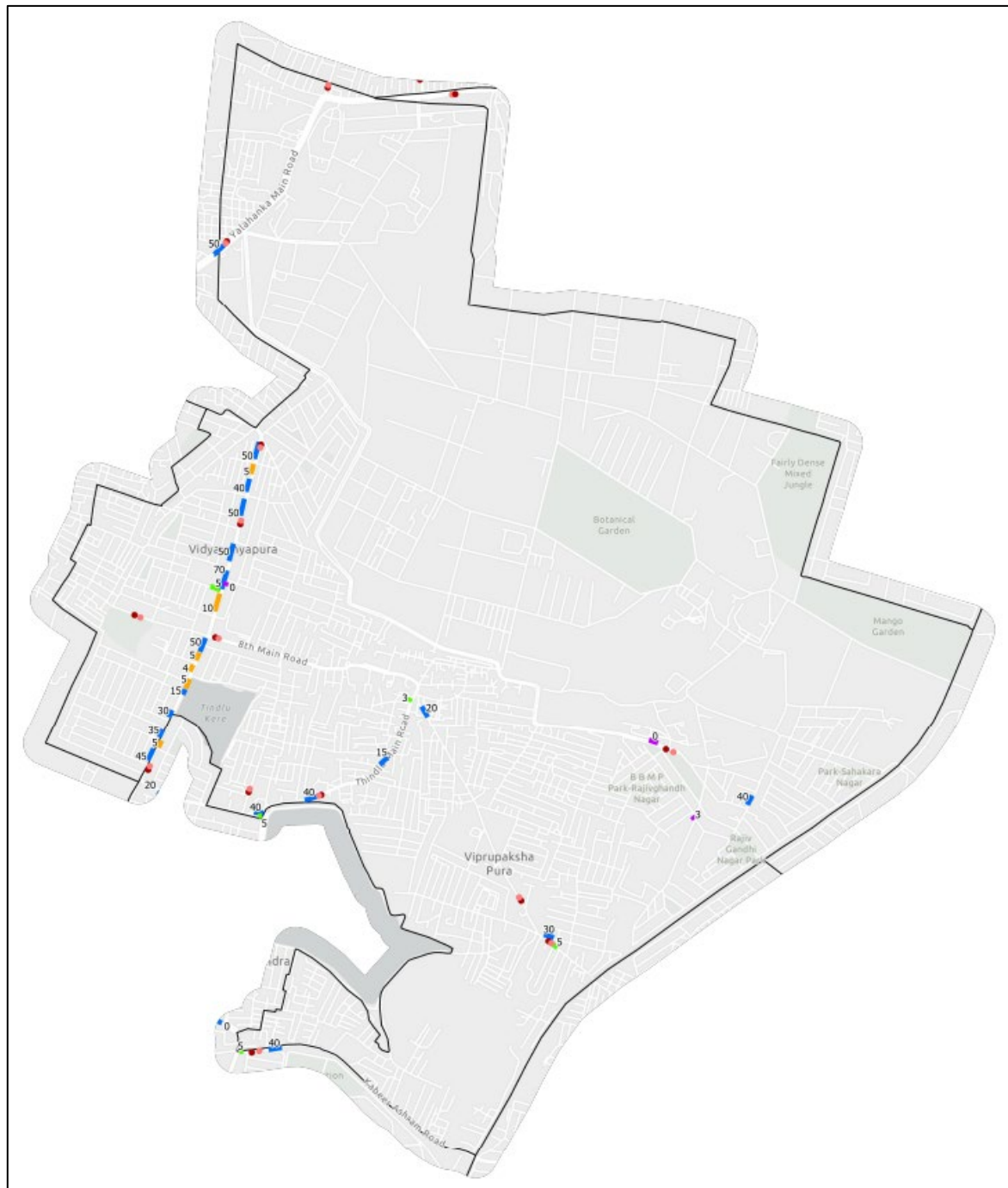


Figure 14: Map showing the major roads and trip attraction points in Vidyaranyapura road

Parking allocation



Proposed Parking		Layer	
— Autorickshaw	— Pick up and drop	● Cycle	 Ward boundary
— Four wheeler	— Person with disability	● Shared mobility	
— Light commercial vehicle	— Two wheeler		

Ward 10 – Dodda Bommasandra ward

Demographic Details

Dodda Bommasandra ward with an area of 4.22 sq.km has a population of 36396 with a density of 5152 persons per Sq.km.

Existing Land use

The major land use in this ward is industrial (BEL) and residential. The commercial land use is very limited.

Transportation network

The major roads in this ward include M S Ramaiah road, vidyaryanapura road, and Nanjappa main Road.

The major landmarks in this ward are Bharath electronics limited, Kodigehalli kere, Kittur Rani Channama park.

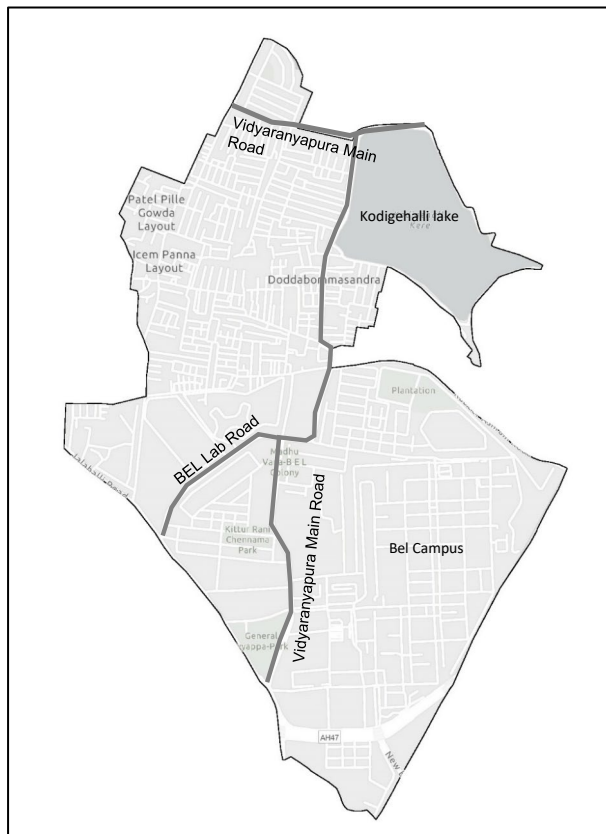
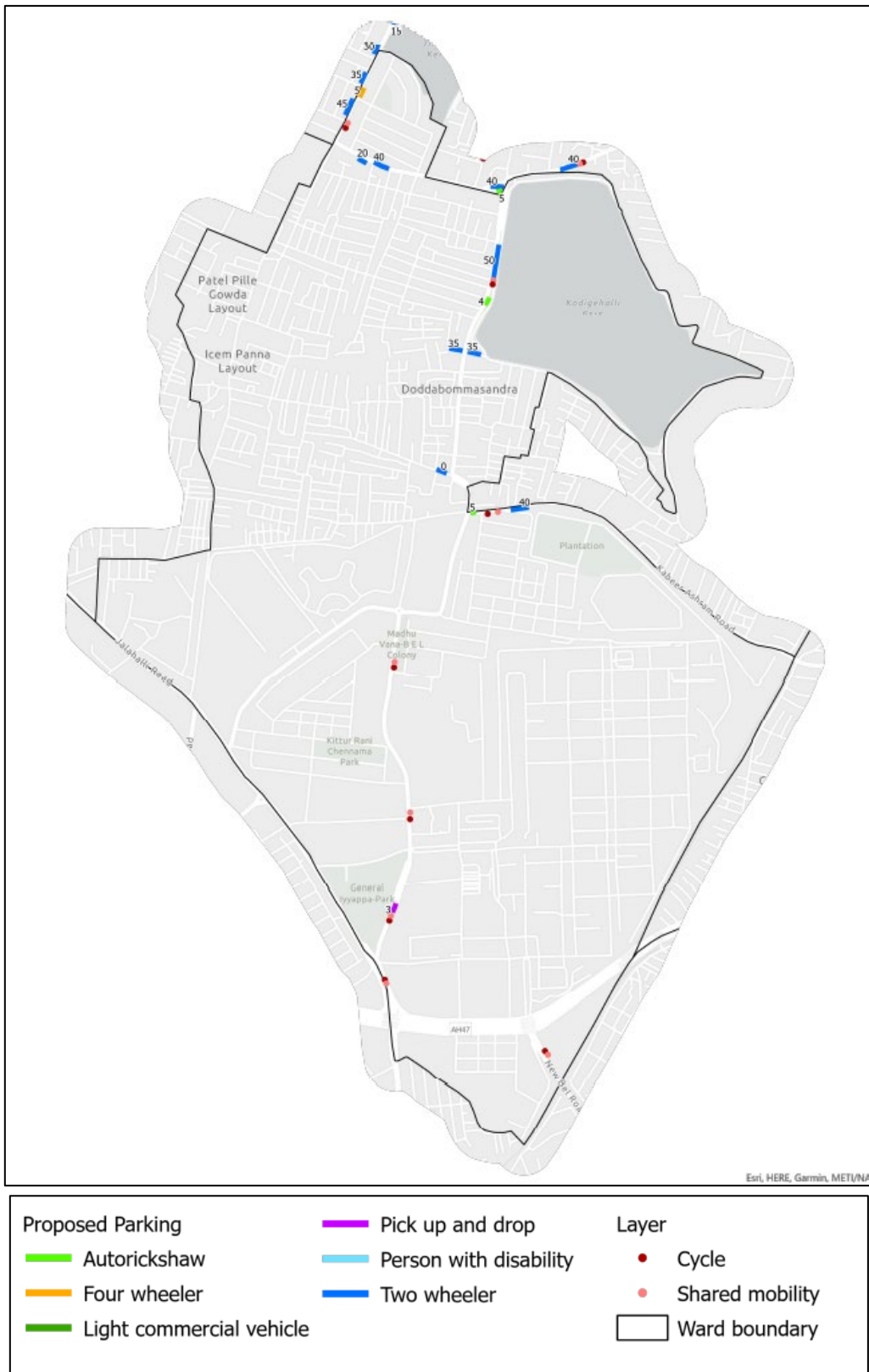


Figure 15: Map showing the major roads and trip attraction points in Dodda bommasandra ward

Parking allocation



Ward 11 – Kuvempu Nagar ward

Demographic Details

Kuvempu Nagar ward with an area of 7.53 sq.km has a population of 37128 with a density of 3333 persons per Sq.km.

Existing Land use

The major land uses in this ward is vacant and defense. The commercial land use is very limited.

Transportation network

The major roads in this ward include Major Sandeep Unnikrishnan road, Singapura main road, and Abbigere main road.

The major landmarks in this ward are Singapura lake, Aveksha hospital, Jalahalli airforce, and Jarakabandi forest area.

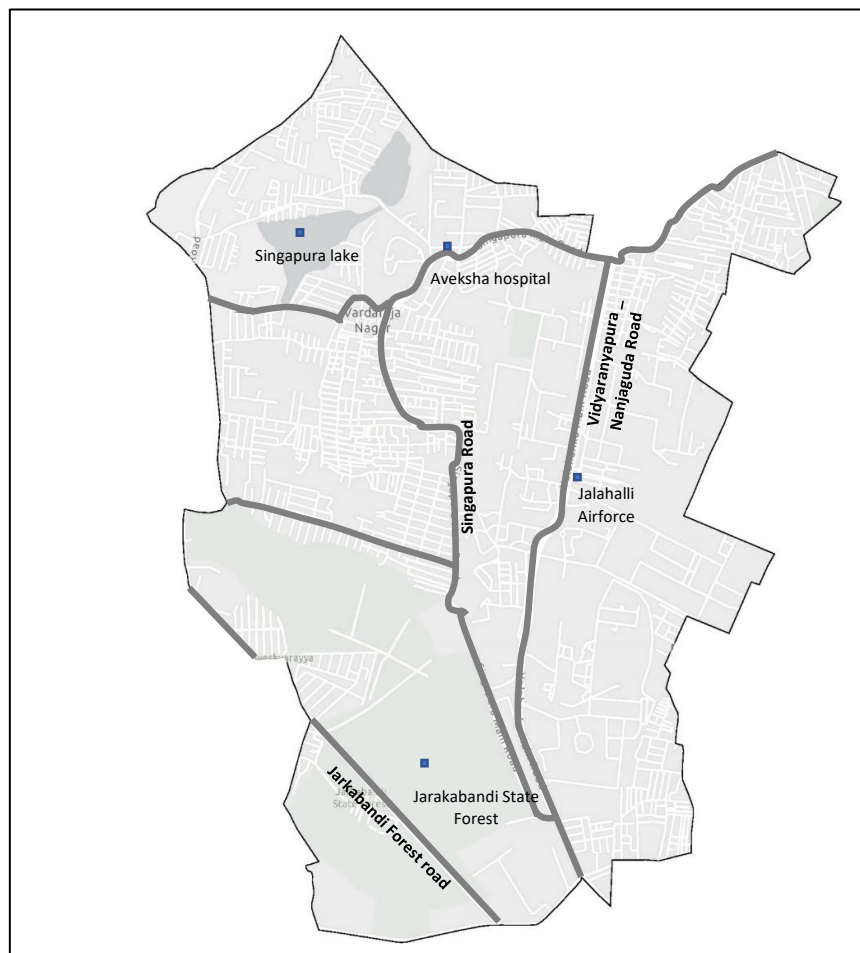
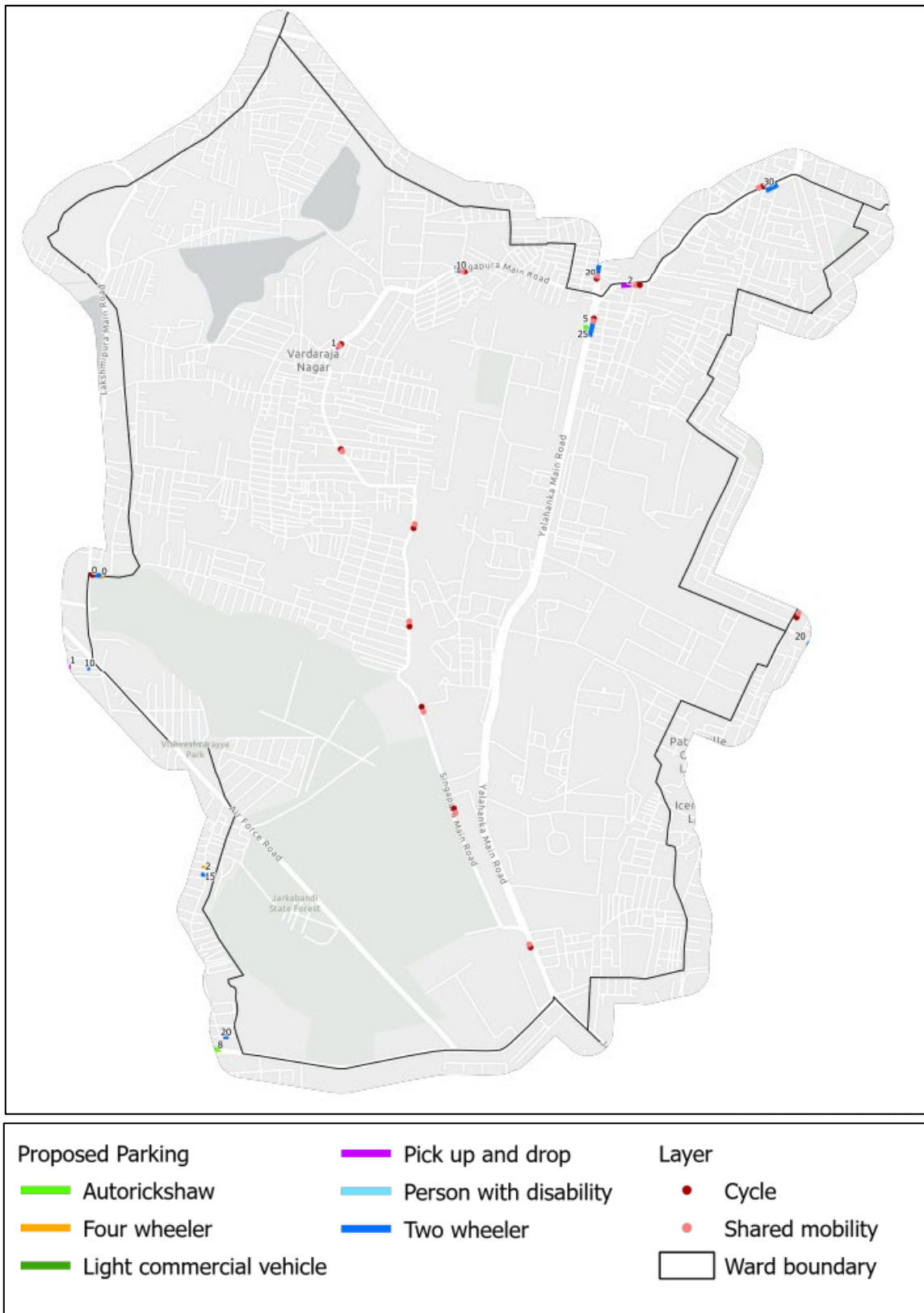


Figure 16: Map showing the major roads and trip attraction points in Kuvempu nagar ward

Parking allocation



Annexure 2 - Stake-holder meeting

Following are the proceedings of the meeting held with stakeholders under chairmanship of Joint commissioner, Yelahanka zone.

Proceedings of the meeting regarding Area Parking Plan held under the Chairmanship of Joint Commissioner, BBMP Yelahanka, on 22nd February 2022, 11:30 am at the BBMP Yelahanka Office, Byatarayanapura, Bangalore

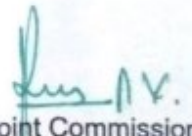
List of Attendees:

1. Ms. P V Poomima, K.A.S, Joint Commissioner, BBMP Yelahanka Zone
2. Mr. S.P Ranganath, C.E, BBMP, Yelahanka
3. Mr. Vijaykumar Haridas, SE
4. Mr. Sudhakar Reddy, EE Yelahanka
5. Mr. Shivakumar Gouda, AEE Vidarayanapura
6. Mr. Rajnikanth Halli, AEE Yelahanka Old Town
7. Mr. S G Bettaswamy, AEE RI Yelahanka
8. Mr. T Shivanand, AEE
9. Mr. Rama Krishna Reddy MB, PI Traffic
10. Mr. Loka Reddy N, PSI Yelahanka New Town
11. Ms. Durga Bhavani U, PSI Traffic
12. Mr. ASI Hebbal Traffic PS
13. Mr. Shamanth Kuchangi, Technical Head, DULT
14. Mr. Sriharsha Chowdary, Senior Transport Planner, DULT
15. Ms. Pratiksha Surpuriya, Assistant Transport Planner, DULT

1. The Joint Commissioner, Yelahanka Zone, BBMP welcomed all to the meeting and requested the Directorate of Urban Land Transport (DULT) to present the context and details of the parking plans for Yelahanka Zone, BBMP
2. The Technical Head, DULT provided a brief on the Parking Policy 2.0 that has been approved by the Government of Karnataka (GoK). It was explained that focus of the policy is to discourage use of personal vehicles by levying fee for use of all parking facilities in Bengaluru (on-street and off-street). It was also informed that policy strategizes reducing on-street parking and accommodating much of the parking off-street. It was informed that the policy prescribes a task force to be constituted under the Zonal Commissioner, BBMP with representatives from Traffic police, jurisdictional RTO, and ward officials for each zone to assist/ monitor in preparation and implementation of Area Parking Plan for the respective BBMP Zones.
3. Senior Transport Planner from DULT gave a presentation on parking plans prepared for Yelahanka and it was informed that a scientific methodology was adopted in the preparation of the Area Parking Plans which involved collection of extensive data w.r.t existing parking like number of vehicles parked, type of parking, side of the road on which parking is carried out and road inventory data like width of carriageway, footpath width, land use details etc.
4. As part of detailed ward wise presentation following information of wards are also presented:

- Ward Demography
 - Land use
 - Existing Parking
 - Proposed Parking Plan
 - Road wise parking allocation plan
5. It is also informed that at present area parking plans are prepared only for the roads having nonresidential parking/land-use and the residential parking permit system will be taken up subsequently. It was informed that parking allocation has carried out based on parking policy directives and has been rationalized based on the present land use adjacent to the roads.
6. As part of the discussion, parking plans for 3 wards i.e., ward 4 – Yelahanka satellite town, ward 7 – Byatarayanapura and ward 8 – kodigehalli were discussed in detail:
7. Following are the inputs received from the stakeholders:
- Ward 4: 16th B and 1st A Main Road – Since white topping has been done, current cross-section of the road should be maintained while proposing parking
 - Ward 7: 20th Main Road – Road width is narrow, thus car parking should be avoided
 - Ward 8: Kodigehalli Thindlu Main Road - Due to availability of space, parking can be allocated for cars
8. Executive Engineer, Yelahanka division informed that a tender has been called to collect user fee for the off street parking developed near NES bus stop in ward - Yelahanka new town. It was also informed by EE that the parking fee decided for the off-street location was Rs 10 for two-wheelers and Rs 20 for four-wheelers for every two hours. DULT suggested that the parking fee should be revised based on the parking policy 2.0 directives and informed that as per the policy the base parking fee for off street parking will be about Rs 40 per hour for cars and Rs. 20 per hour two-wheelers and the same may be adopted in the tender floated by BBMP.
9. Following the discussion, the Joint commissioner gave the following directions
- Executive Engineer of the two assembly constituencies of the Yelahanka zone to review the parking plans in detail along with the officials from respective jurisdictional police station and provide feedback to DULT. Joint site visit may also be carried out as necessary to review the proposed parking plans.
 - Executive Engineer of both the assembly constituencies were instructed to facilitate meetings with traffic police and DULT to review the parking plans.
10. Joint Commissioner informed that after completion of discussion and site visits for all wards, a follow-up meeting would be held to finalize the parking arrangement plans for Yelahanka zone

The meeting ended with vote of thanks.


Joint Commissioner
Yelahanka Zone
BBMP

Below are the proceedings of the meetings held with stakeholders under chairmanship of Executive Engineers of Yelahanka and Byatarayanapura constituencies in the Yelahanka Zone. The comments and suggestions given by all concerned stakeholders have been noted and addressed below.

Annexure 1 – Ward Details

Ward 1 – Kempegowda Ward

Demographic Details

The Kempegowda ward with an area of 10.22 sq km consists of 21866 population (as per 2011 census) with a density of 2088.43 Persons per Sq.km.

Existing Land use

One of the major land uses in this ward is Residential and Defense land use. It is home to air force training Centre. There is considerable amount of Vacant land too in this ward. Below is the map showing the Land use of the Kempegowda ward.

Transport Network

The major roads in the wards include Yelahanka main road, Bellary Road, part of Kogilu main road, Hospital Road.

The major attraction point in the ward are Nitte Meenakshi institute of technology, Government general hospital, Yelahanka lake, Canadian international school.

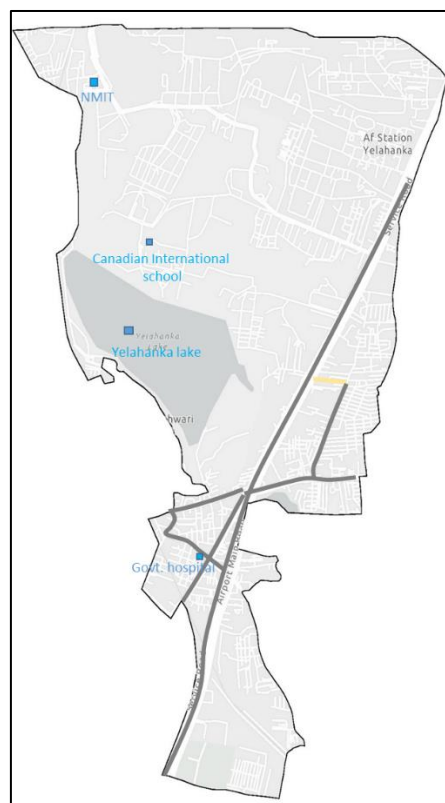
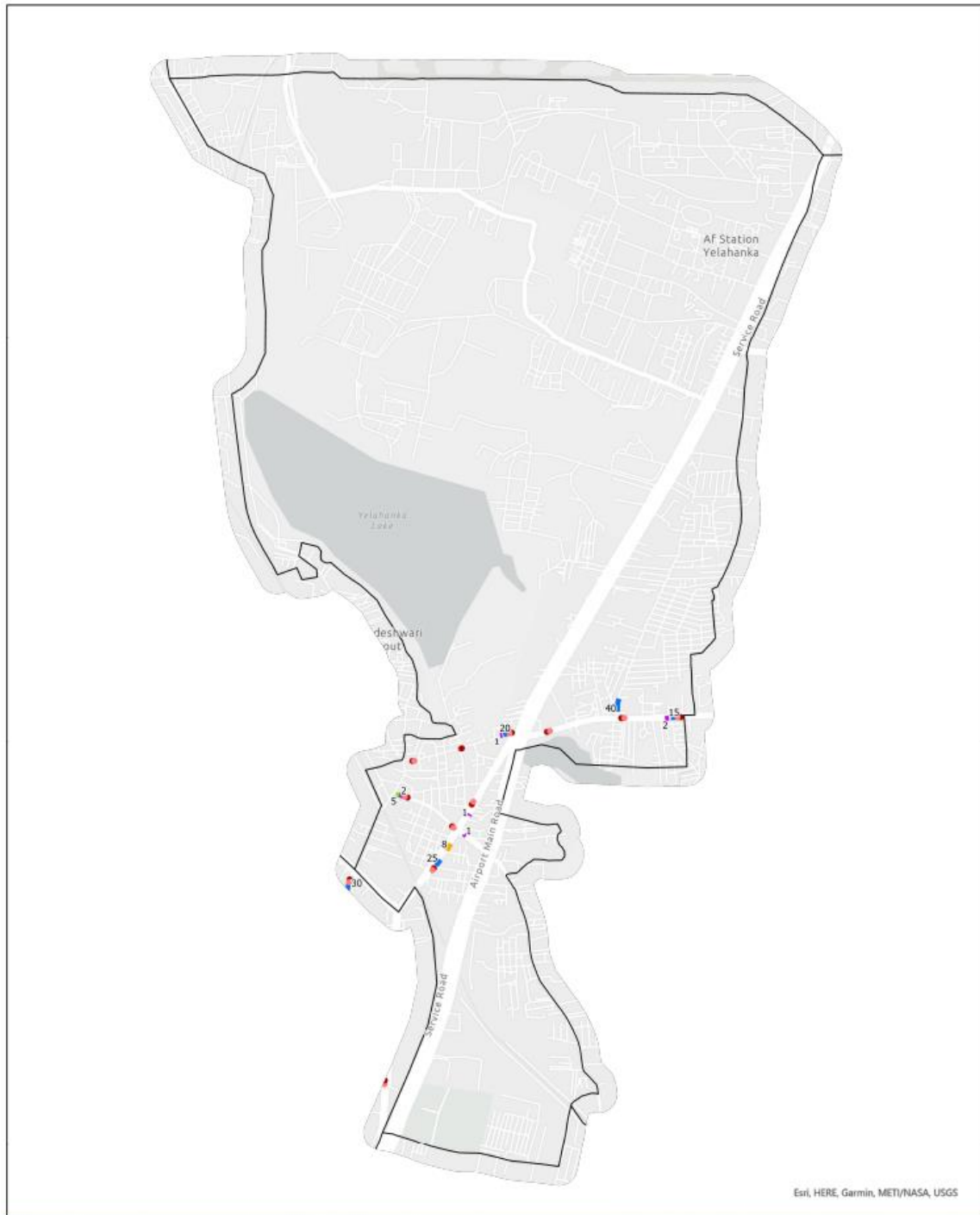


Figure 5: Map showing major roads and attraction points of Kempegowda ward

Parking allocation



Proposed Parking		Layer
█ Autorickshaw	█ Pick up and drop	● Cycle
█ Four wheeler	█ Person with disability	● Shared mobility
█ Light commercial vehicle	█ Two wheeler	 Ward boundary

Ward 2 – Chowdeshwari Ward

Demographic Details

Chowdeshwari ward with an area of 7.66 sq.km hosts a population of 19626 with a density of 2779 persons per Sq.km.

Existing Land use

One of the major land uses in this ward is Industrial and Public – Semipublic. The major attraction points in this ward are Federal Mogul Goetze India limited, Rail wheel factory and KPCL power plant. The commercial land use is very less in this ward and same is the case with parking demand.

Transport Network

The only major road in this ward includes Doddaballapur road which gives access to the major industrial establishments. Doddaballapur road is the only one which has bus route operational.

The wheel and axle factory, CRPF Quatres, Chowdeshwari Devi Temple, Yelahanka, Yelahanka railway station.

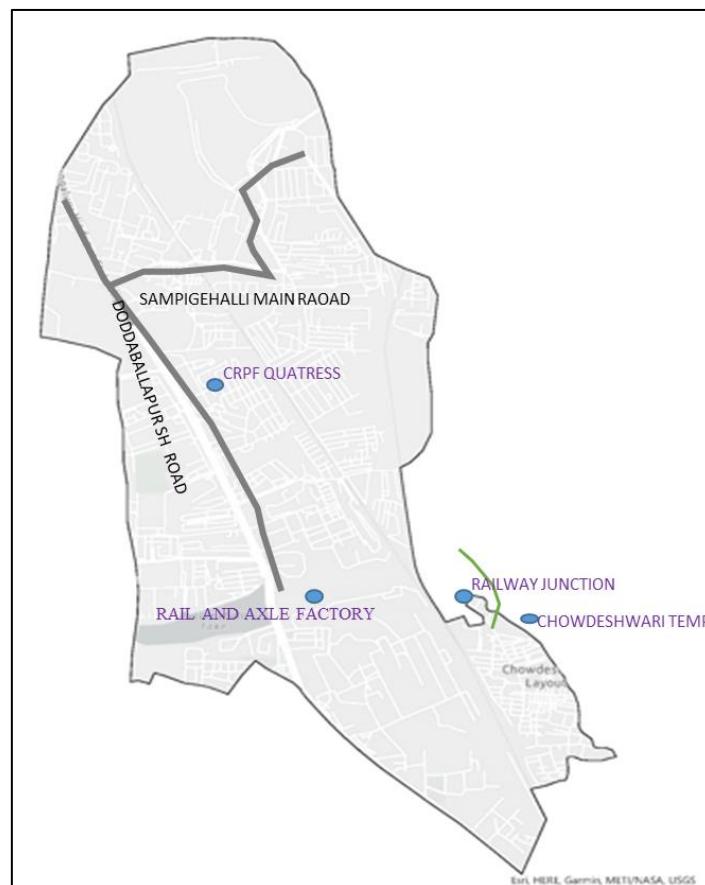
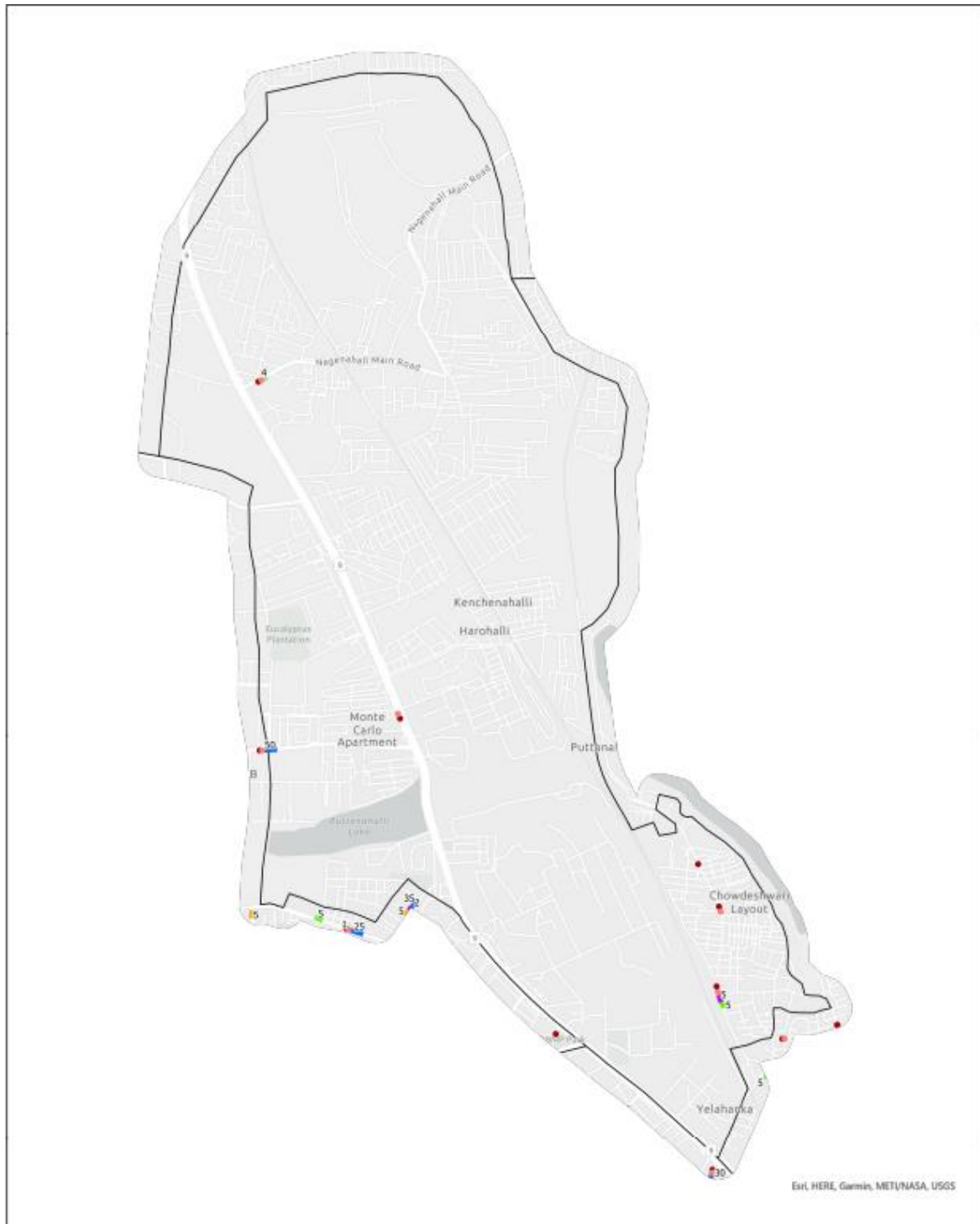


Figure 6: Map showing major roads and attraction points of Chowdeshwari ward

Parking allocation



Proposed Parking		Layer	
█ Autorickshaw	█ Pick up and drop	● Cycle	 Ward boundary
█ Four wheeler	█ Person with disability	● Shared mobility	
█ Light commercial vehicle	█ Two wheeler		

Ward 3 – Attur Ward

Demographic Details

Attur ward with an area of 9.89 sq.km has a population of 24020 with a density of 2366 persons per Sq.km.

Existing Land use

Residential and Public semipublic are the major land uses in this ward. Along with these, commercial land use is prevalent among the major roads. A small part of industrial area also exists.

The major attraction points in this ward are CRPF camp, Sambhram institute, Srishti institute of art, RWF west colony which houses small industries. Along with these the commercial areas along 1st main road, Attur road, DKN road and Yelahanka main road attracts traffic.

Transport Network

The major roads in the ward include, Sandeep-Unnikrishnan Road, 1st main road, Hesarghatta main road, Anantapura road, Doddaballapur road, DKN road.

Some of the major attraction points in the ward are Attur lake, Nagarjuna PU college, Navachetan hospital, Sambram Institute of technology etc.

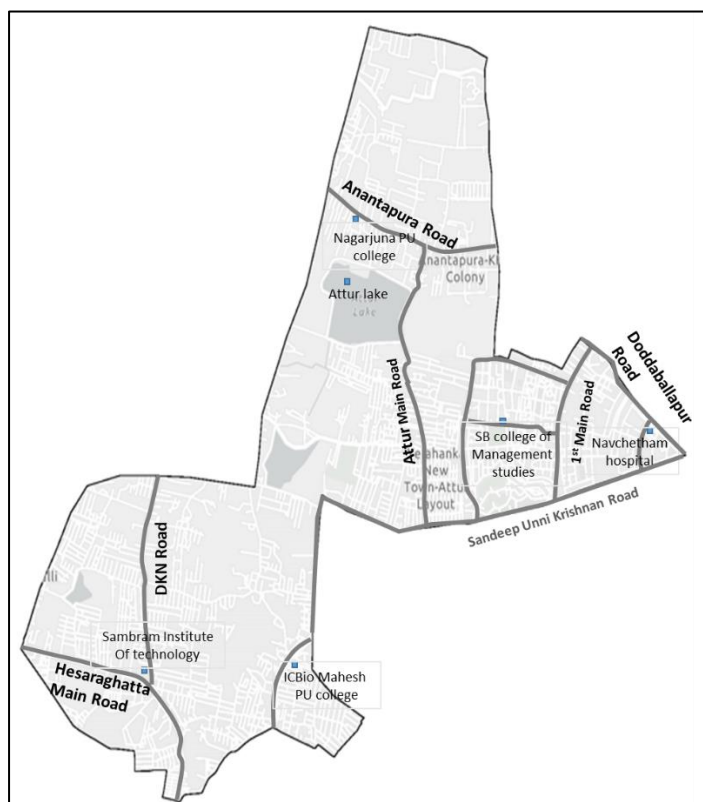
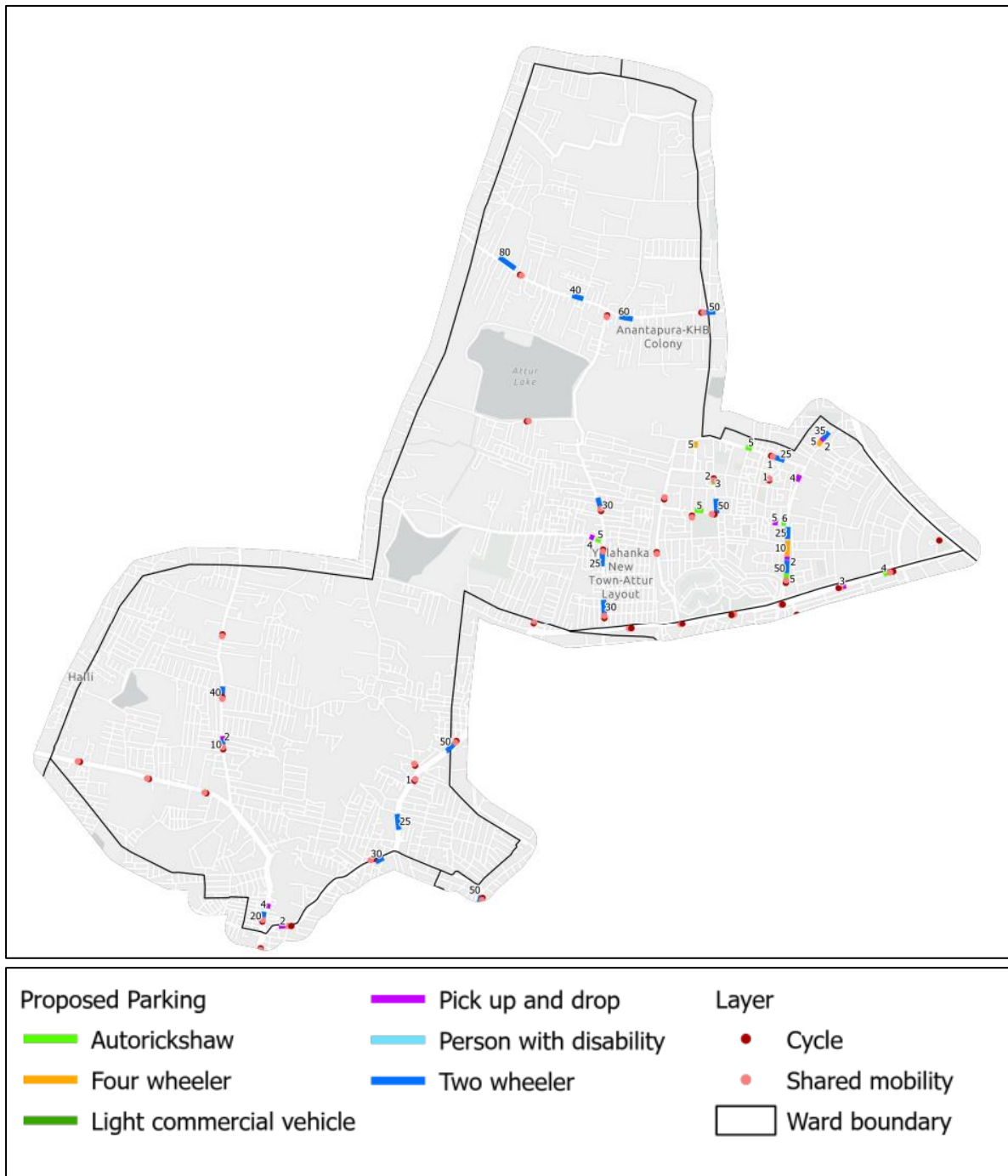


Figure 7: Map showing major roads and attraction points of Attur ward

Parking allocation



Ward 4 – Yelahanka Satellite Town Ward

Demographic Details

Yelahanka satellite town ward with an area of 4.89 sq.km has a population of 25782 with a density of 5261 persons per Sq.km. this ward has one of the highest population densities in the Yelahanka zone.

Existing Land use

The major land uses in this ward is Residential, Institutional, and commercial. The major institutions are Seshadripuram college, Jhana Jyothi college, East west college, National institute of public cooperation etc.

Transportation network

The major roads in this ward include Yelahanka town main road, 1st Main Road, 15th A cross, Major Akshay Girish Road and 3rd A cross. These roads consist of bus route network also.

The major landmarks in the ward include Reva university, Agrahara govt hospital, Jakkuru lake, KNS institute of technology, Brindavan college, Tourche golf course, Jawaharlal Nehru Centre of advance.

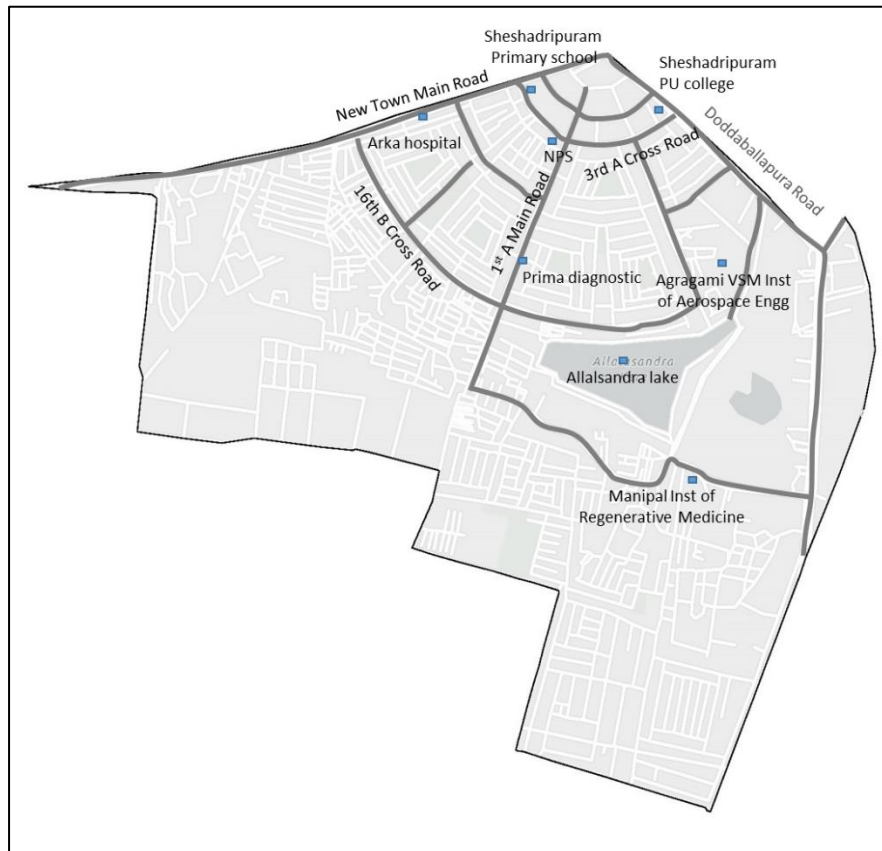
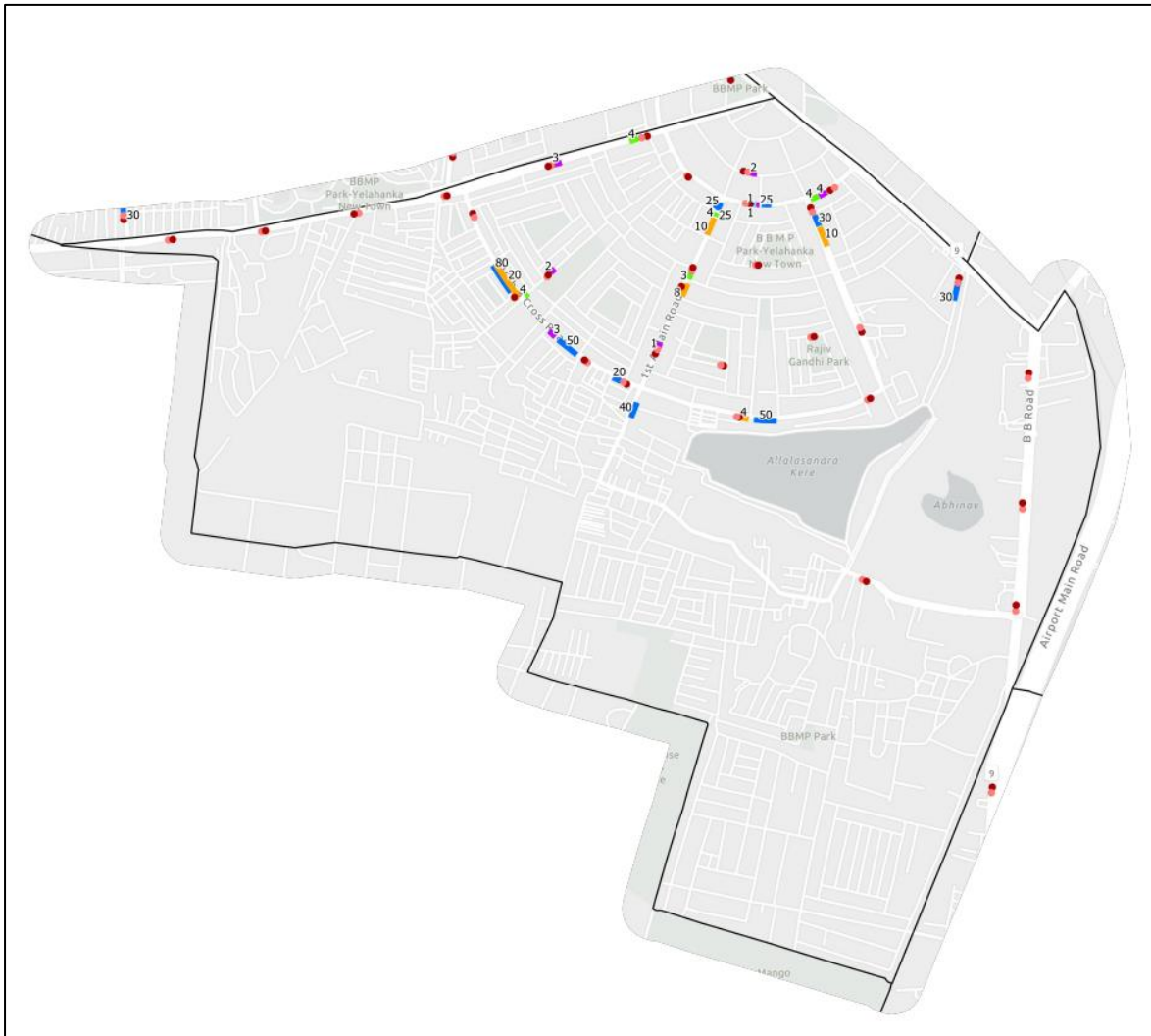


Figure 8: Map showing major roads and attraction points of Yelahanka Satellite town ward

Parking allocation



Proposed Parking

- █ Autorickshaw
- █ Four wheeler
- █ Light commercial vehicle

Pick up and drop

- █ Pick up and drop
- █ Person with disability
- █ Two wheeler

Layer

- Cycle
- Shared mobility
- Ward boundary

Ward 5 – Jakkur Ward

Demographic Details

Jakkur ward with an area of 24.18 sq.km has a population of 20964 with a density of 875 persons per Sq.km. this ward has the least population densities in the Yelahanka zone.

Existing Land use

The major land uses in this ward is vacant and agriculture. The residential land use is very limited. There are small pockets of public semipublic and industrial.

Transportation & Bus route network

The major road network in this ward includes Bagalur Main Road, Bellahalli main Road, Kogilu Main Road, Thanisandra Main Road, Narayana main Road, 80ft main Road, Sampige halli road. The roads on which BMTC buses ply are Bagalur road, Belahalli road, Thanisandra road.

The major landmarks in the ward include Reva university, Agrahara govt hospital, Jakkuru lake, KNS institute of technology, Brindavan college, Tourche golf course, Jawaharlal Nehru centre of advance.

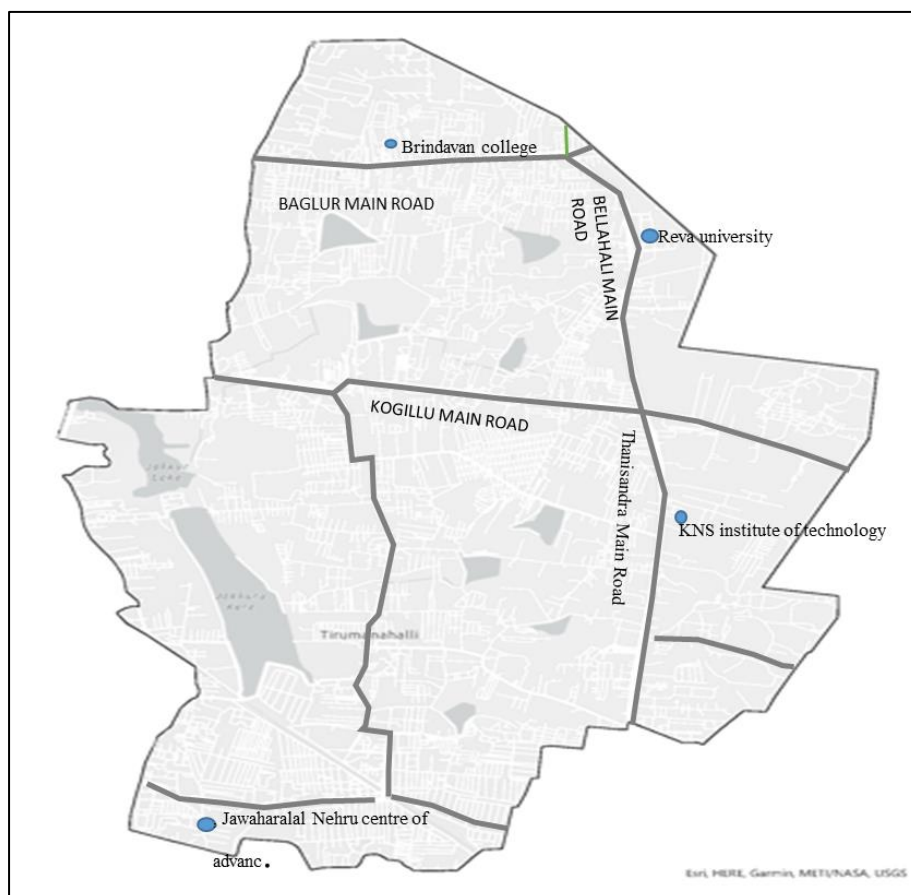
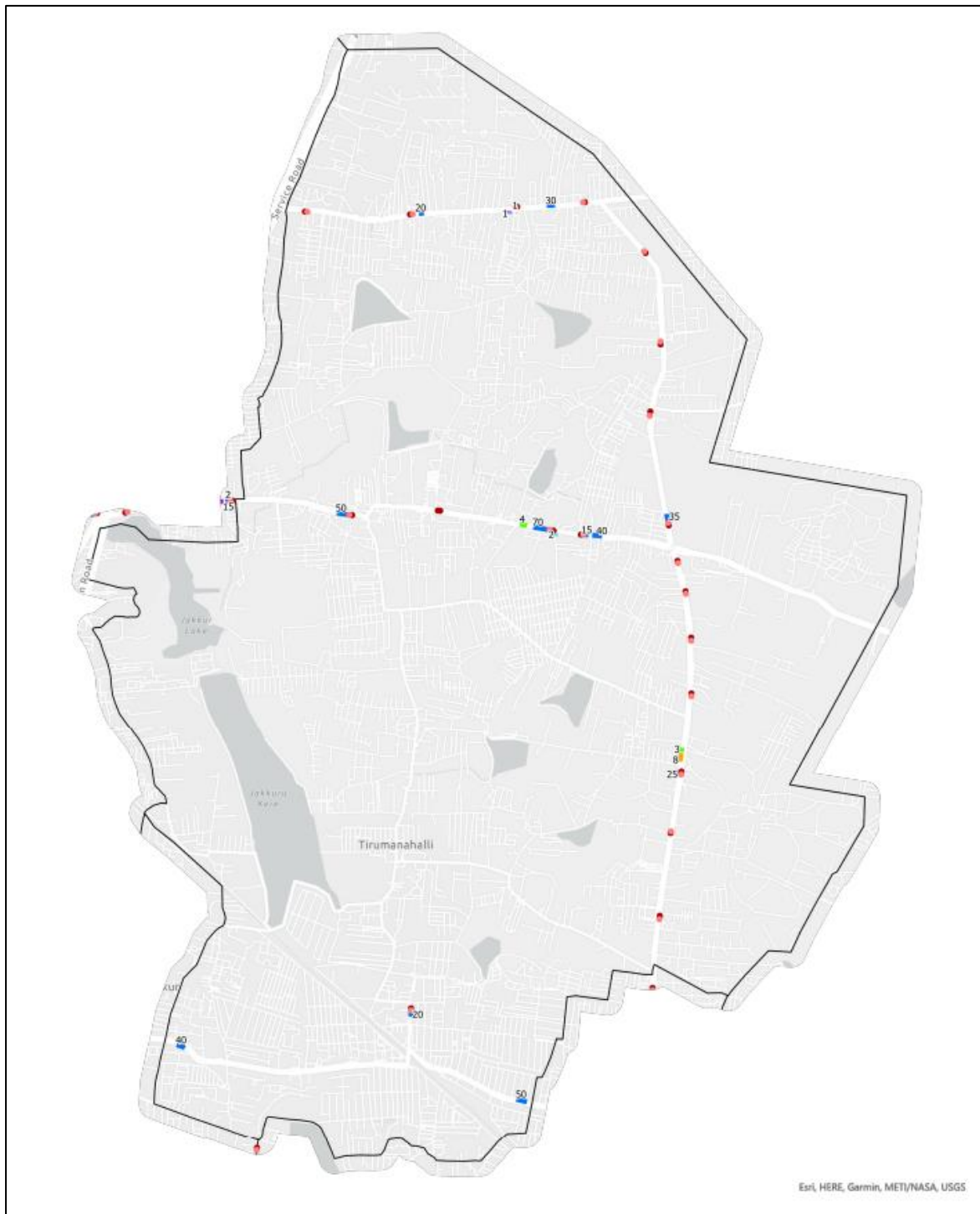


Figure 9: Map showing major roads and attraction points of Jakkur ward

Parking allocation



Proposed Parking		Layer	
	Autorickshaw		Cycle
	Four wheeler		Shared mobility
	Light commercial vehicle		Ward boundary
	Pick up and drop		
	Person with disability		
	Two wheeler		

Ward 6 – Thanisandra ward

Demographic Details

Thanisandra ward with an area of 9.57 sq.km has a population of 72154 with a density of 3271 persons per Sq.km.

Existing Land use

The major land uses in this ward is vacant and residential. The commercial land use is very limited. There are small pockets of public semipublic.

Transportation network

The major roads in this ward include Thanisandra Main Road, 80 Feet Road, Outer Ring Road and Kempegowda Main Road.

The major landmarks in this ward are Rachenahalli lake, Manpho exports, Manyata embassy park, Rastrothana and Vidya Kendra.

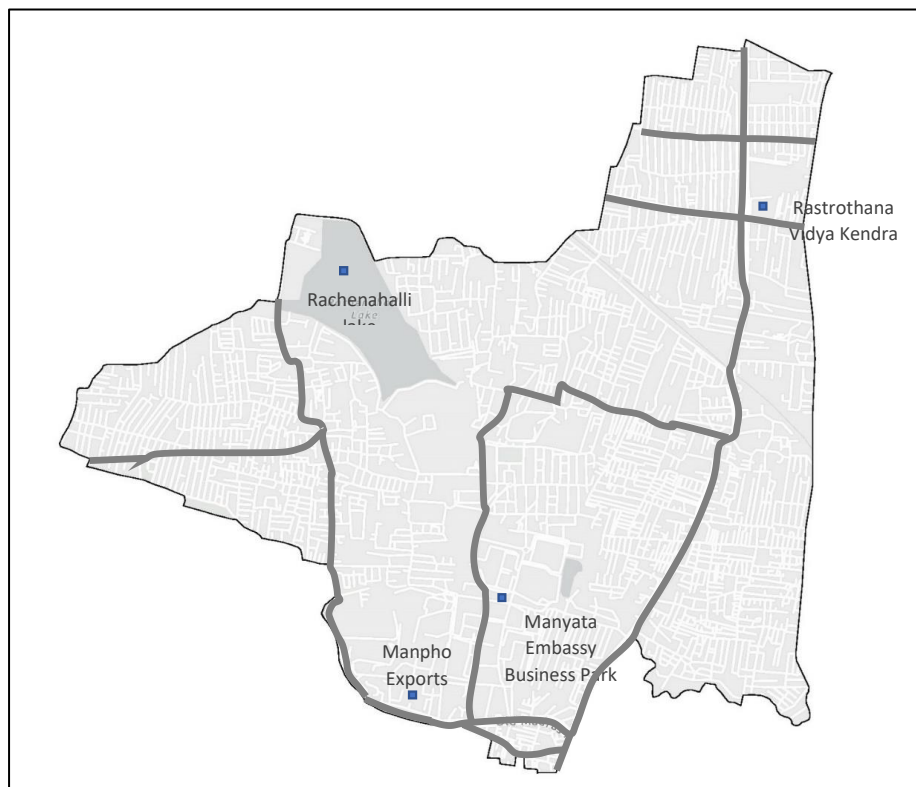
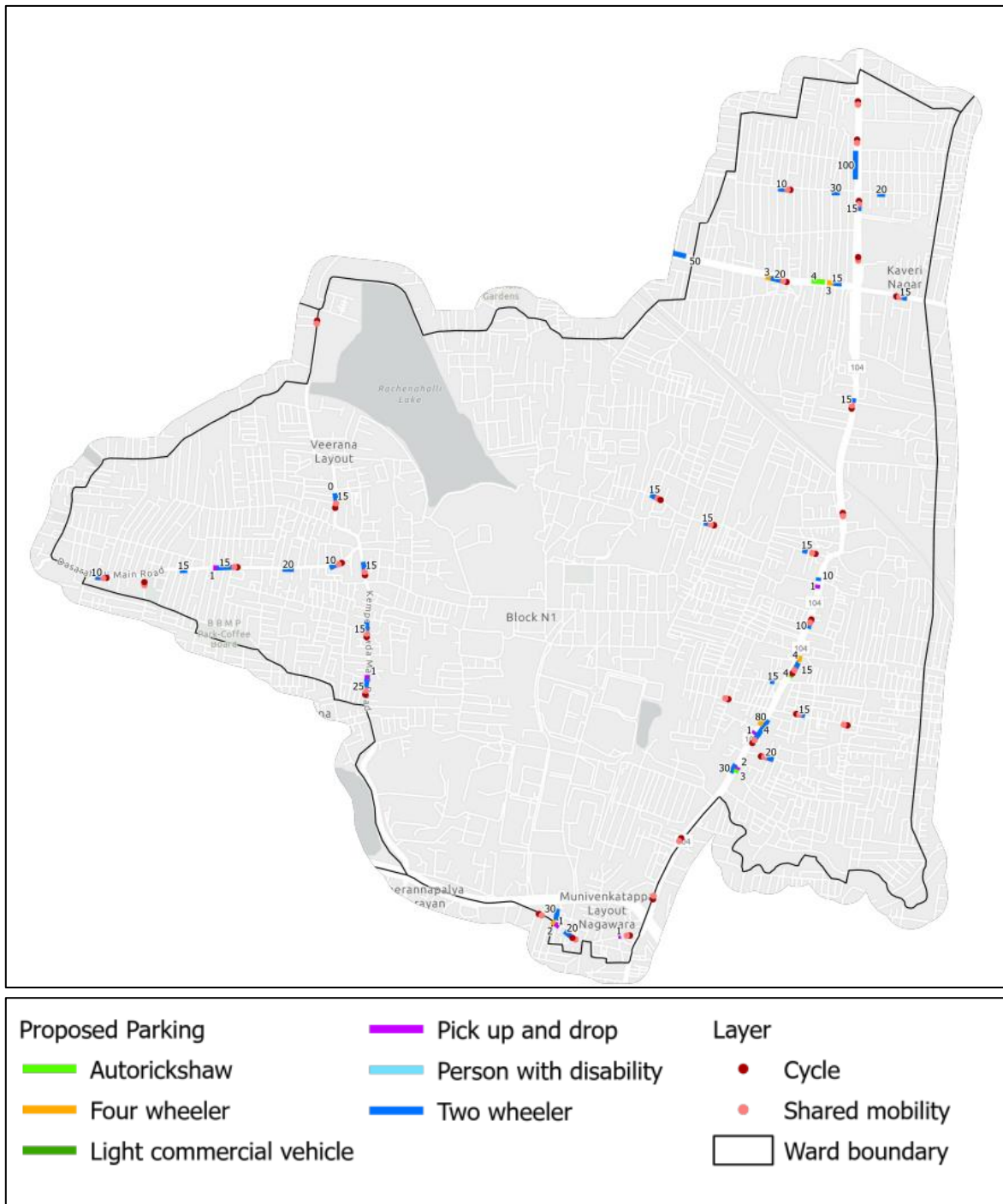


Figure 10: Map showing major roads and attraction points of Thanisandra ward

Parking allocation



Ward 7 – Byatarayanapura ward

Demographic Details

Byatarayanapura ward with an area of 10.09 sq.km has a population of 71855 with a density of 2022 persons per Sq.km.

Existing Land use

The major land uses in this ward is residential and public and semipublic. The commercial land use is along the NH 7 service road, kodigehalli main road. The remaining land use is vacant and open space.

Transportation network

The major roads in this ward include NH& Service Road, BIAL Elevated corridor, Bellary road, Jakkuru Main road, Amruthalli main road and Kodigehalli Main Road.

The major landmarks in this ward are Nagavara lake, Esteem mall, Aster hospital, Columbasia hospital, Kirloskar business park, Presidency college, L&T comatsu, jakkuru airdrome.

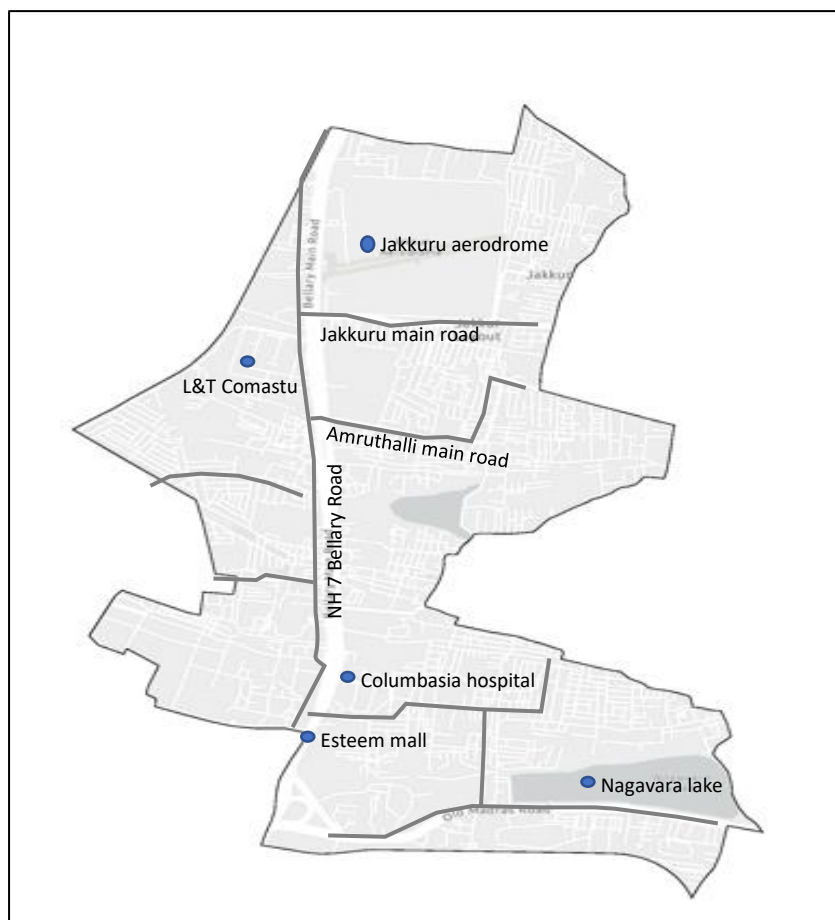
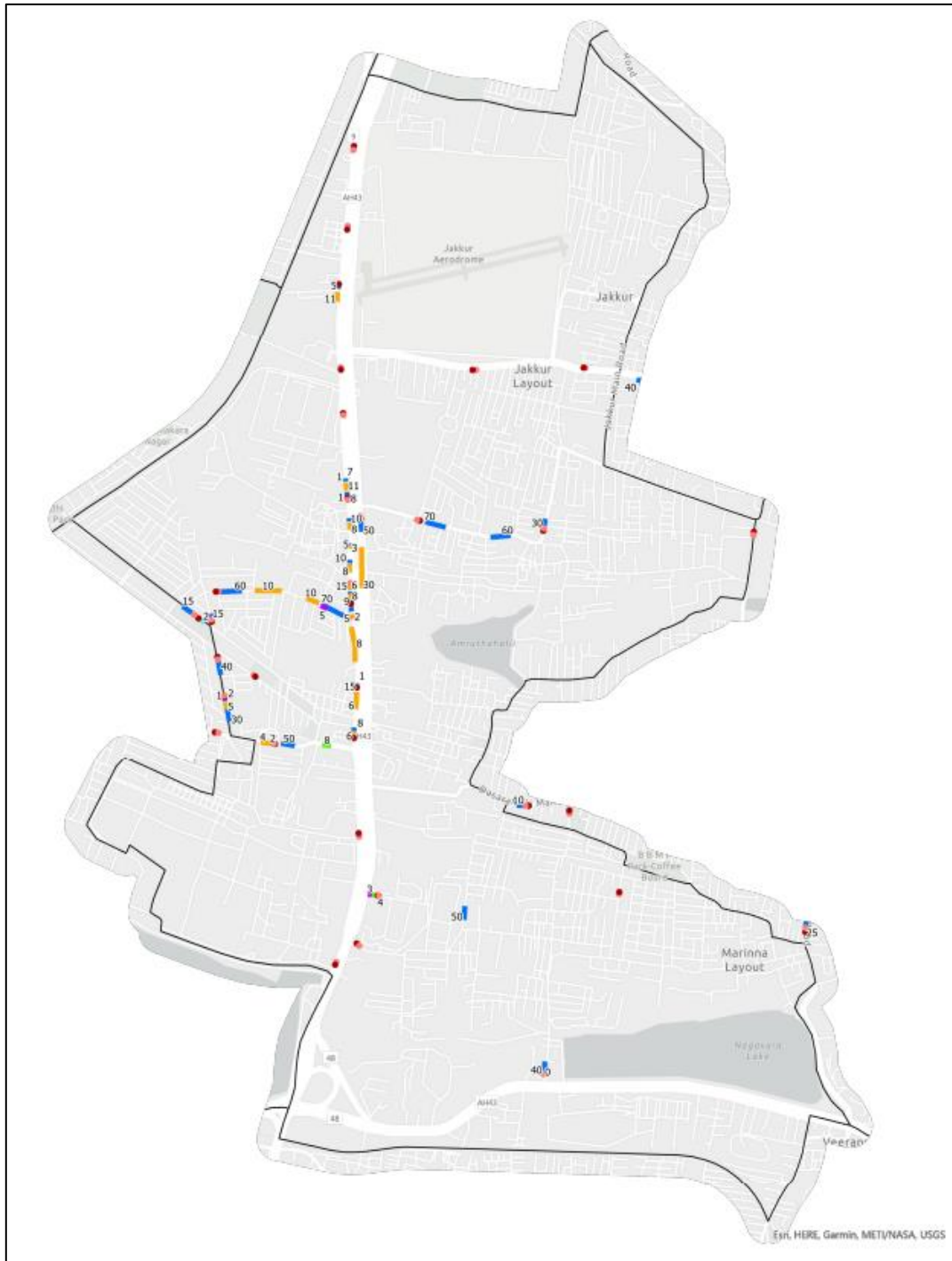


Figure 11: Map showing the major road and attraction points in Byatarayanapura ward

Parking allocation



Proposed Parking		Pick up and drop		Layer	
█ Autorickshaw	█ Four wheeler	█ Pick up and drop	█ Person with disability	● Cycle	 Ward boundary
█ Light commercial vehicle		█ Two wheeler		● Shared mobility	

Ward 8 – Kodigehalli ward

Demographic Details

Kodigehalli ward with an area of 3.84 sq.km has a population of 47546 with a density of 5635 persons per Sq.km.

Existing Land use

The major land use in this ward is residential. The commercial land use is along Kodigehalli main road, Kodigehalli 1st main road, 24th crossroad, Outer ring road. There are small pockets of public semipublic.

Transportation network

The major roads in this ward include Outer ring road, Airport Road, Kodigehalli main road, Kodigehalli 1st main road and 24th crossroad.

The major landmarks in this ward are Chairman's resort, Karnataka public school, Big bazaar, and Hebbal lake.

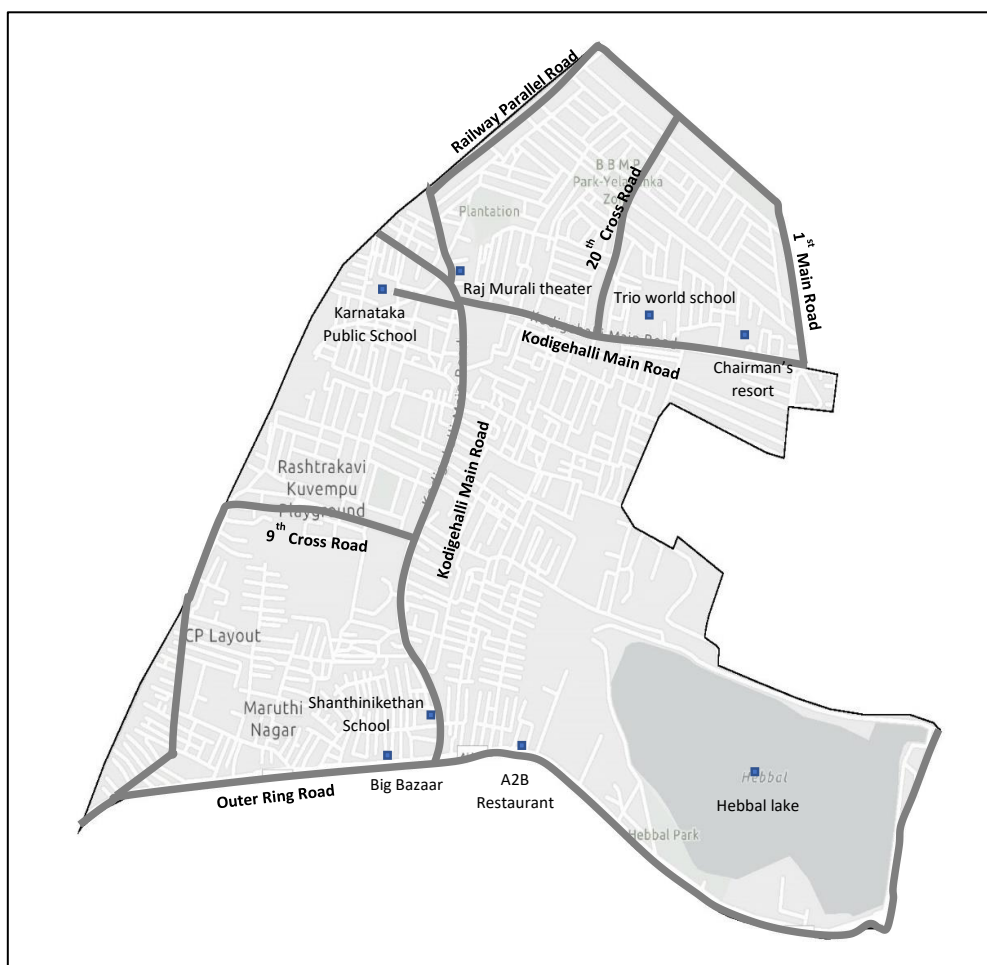
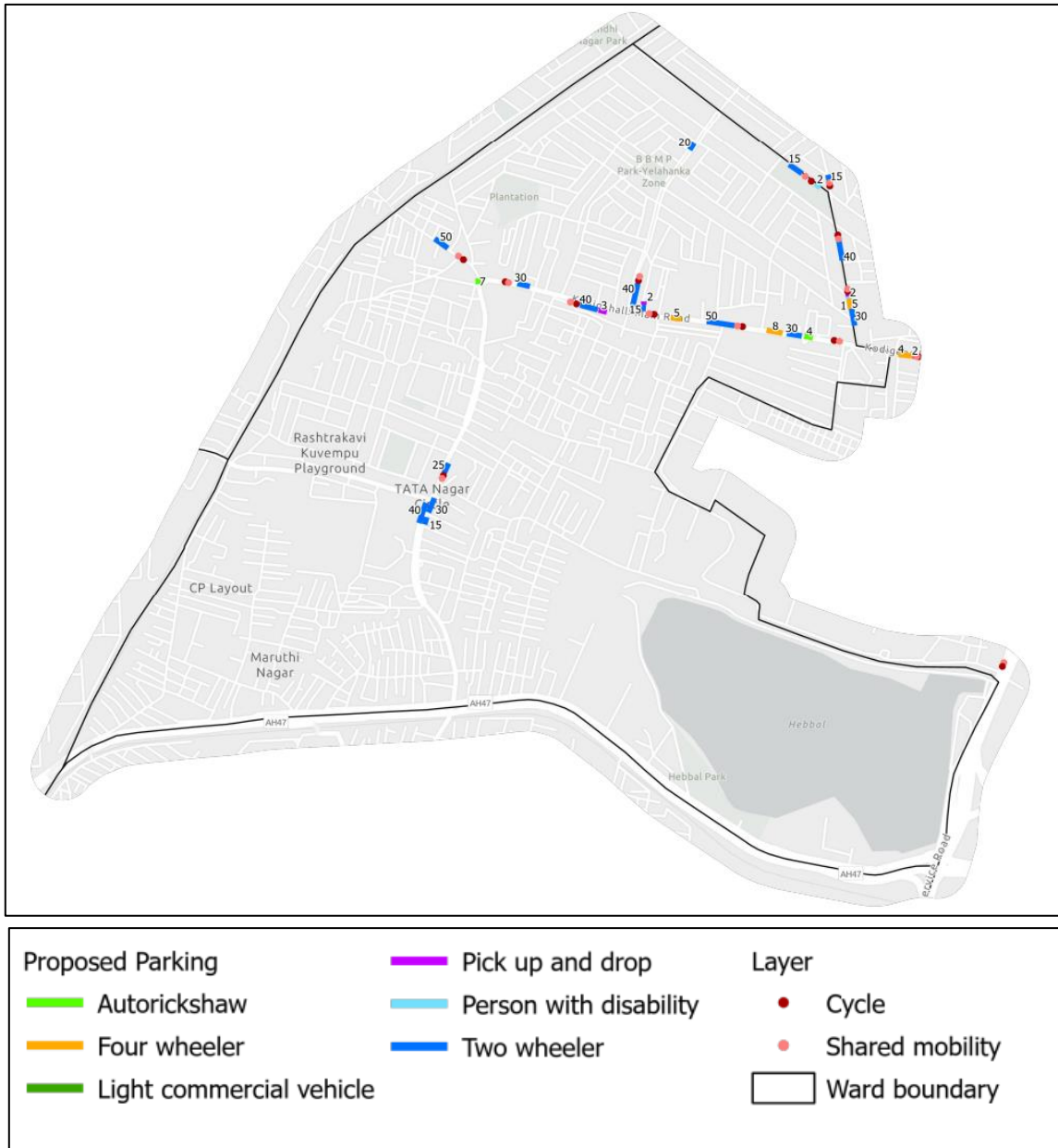


Figure 12: Map showing the major roads and trip attraction points in Kodigehalli ward

Parking allocation



Ward 9 – Vidyaranyapura ward

Demographic Details

Vidyaranyapura ward with an area of 9.98 sq.km has a population of 57195 with a density of 2313 persons per Sq.km.

Existing Land use

The major land uses in this ward is public and semipublic. The commercial land use is along Vidyaranyapura-nanjangud road and Narsipur lake park along the road, Tindlu main road. The rest is majorly residential.

Transportation network

The major roads in this ward Vidyaranyapura- nanjangud road, 8th main road Vidyaranyapura, Tindlu main road, GKVK Road & Sandeep Unnikrishnan Road.

The major landmarks in this ward are GKVK university, Narsipur lake, narayana hospital, durga devi temple, sri sai baba temple

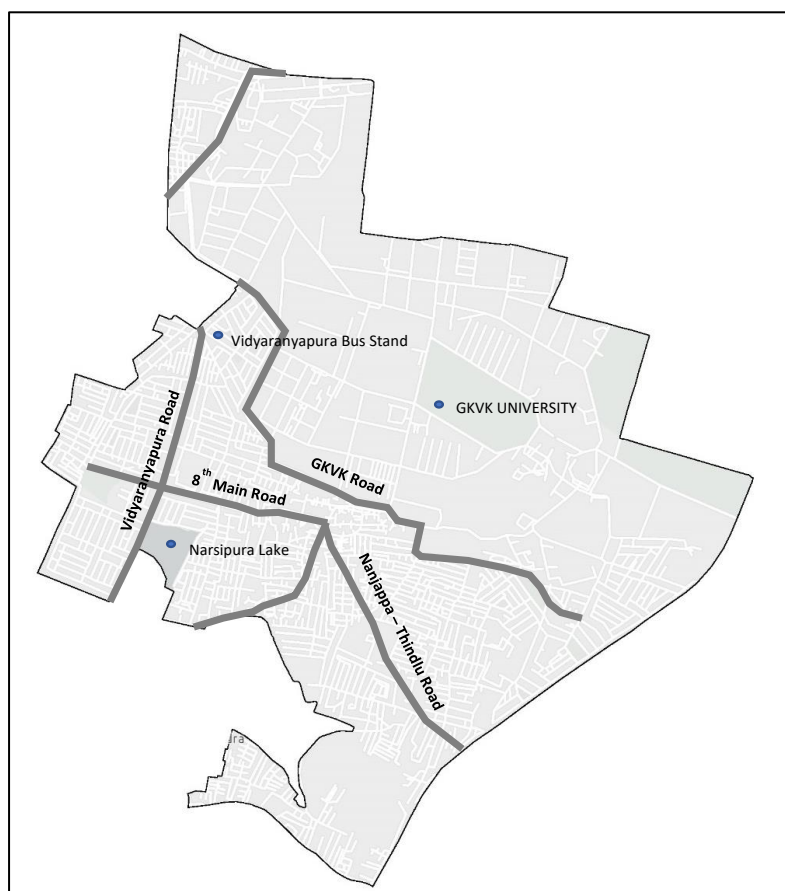
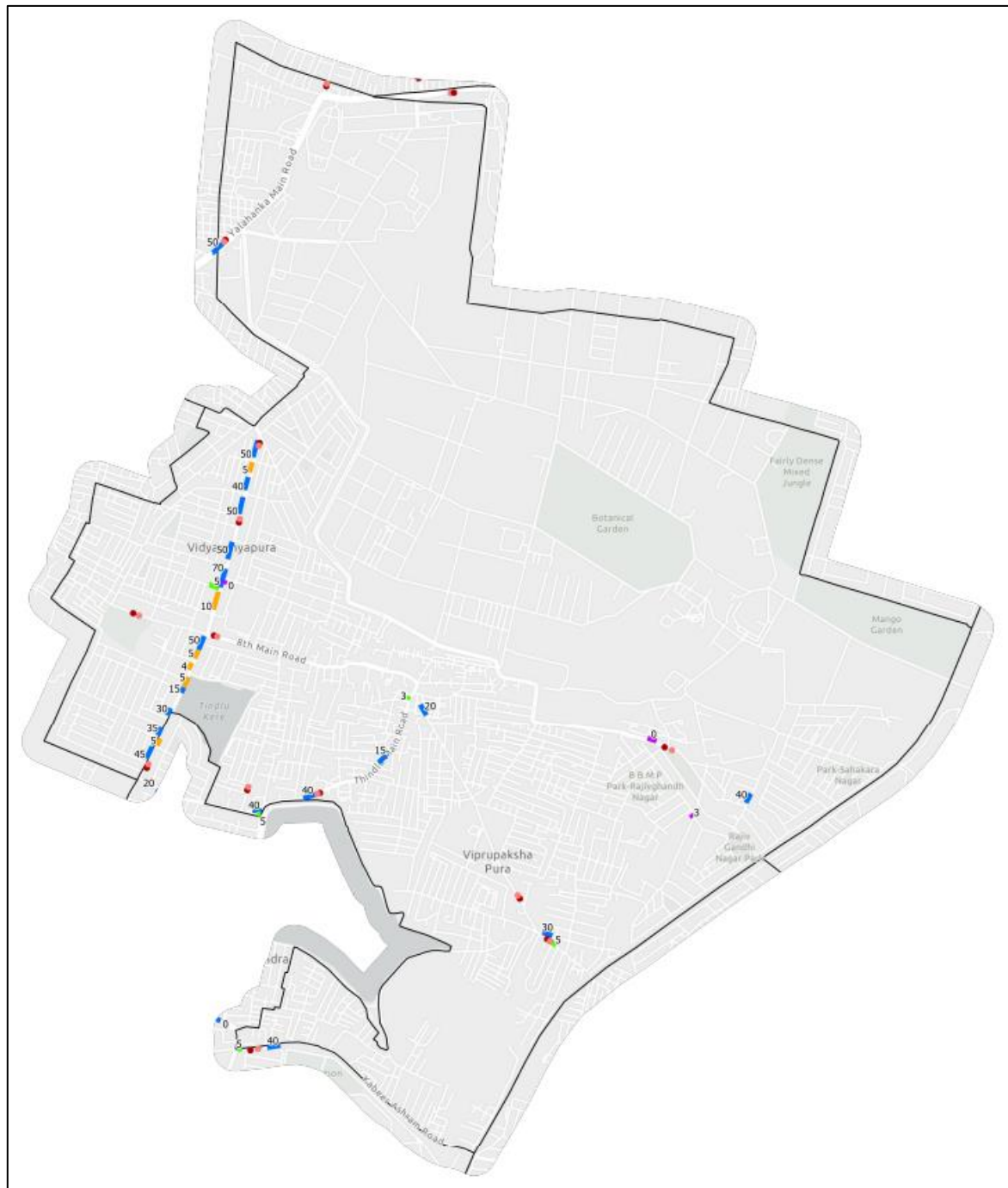


Figure 13: Map showing the major roads and trip attraction points in Vidyaranyapura road

Parking allocation



Proposed Parking		Layer	
█ Autorickshaw	█ Pick up and drop	● Cycle	 Ward boundary
█ Four wheeler	█ Person with disability	● Shared mobility	
█ Light commercial vehicle	█ Two wheeler		

Ward 10 – Dodda Bommasandra ward

Demographic Details

Dodda Bommasandra ward with an area of 4.22 sq.km has a population of 36396 with a density of 5152 persons per Sq.km.

Existing Land use

The major land use in this ward is industrial (BEL) and residential. The commercial land use is very limited.

Transportation network

The major roads in this ward include M S Ramaiah road, vidyaranyapura road, and Nanjappa main Road.

The major landmarks in this ward are Bharath electronics limited, Kodigehalli kere, Kittur Rani Channama park.

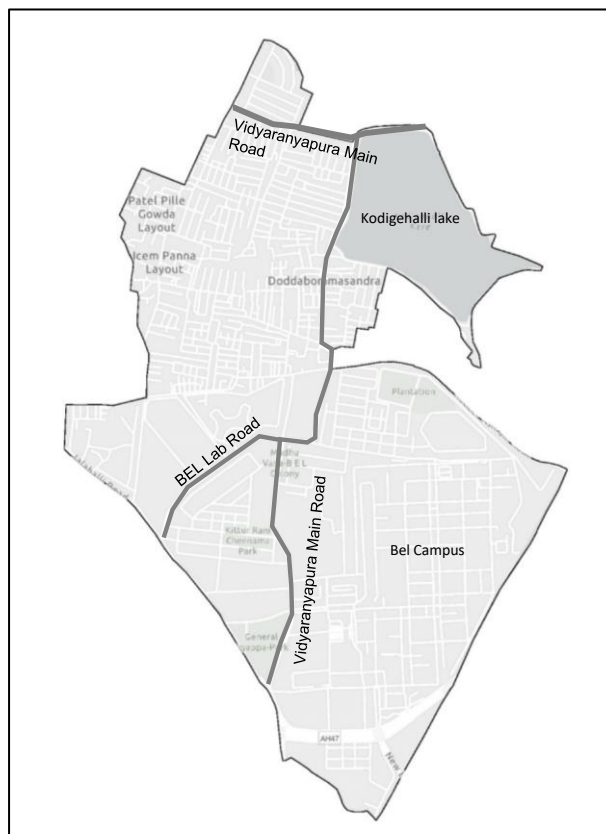
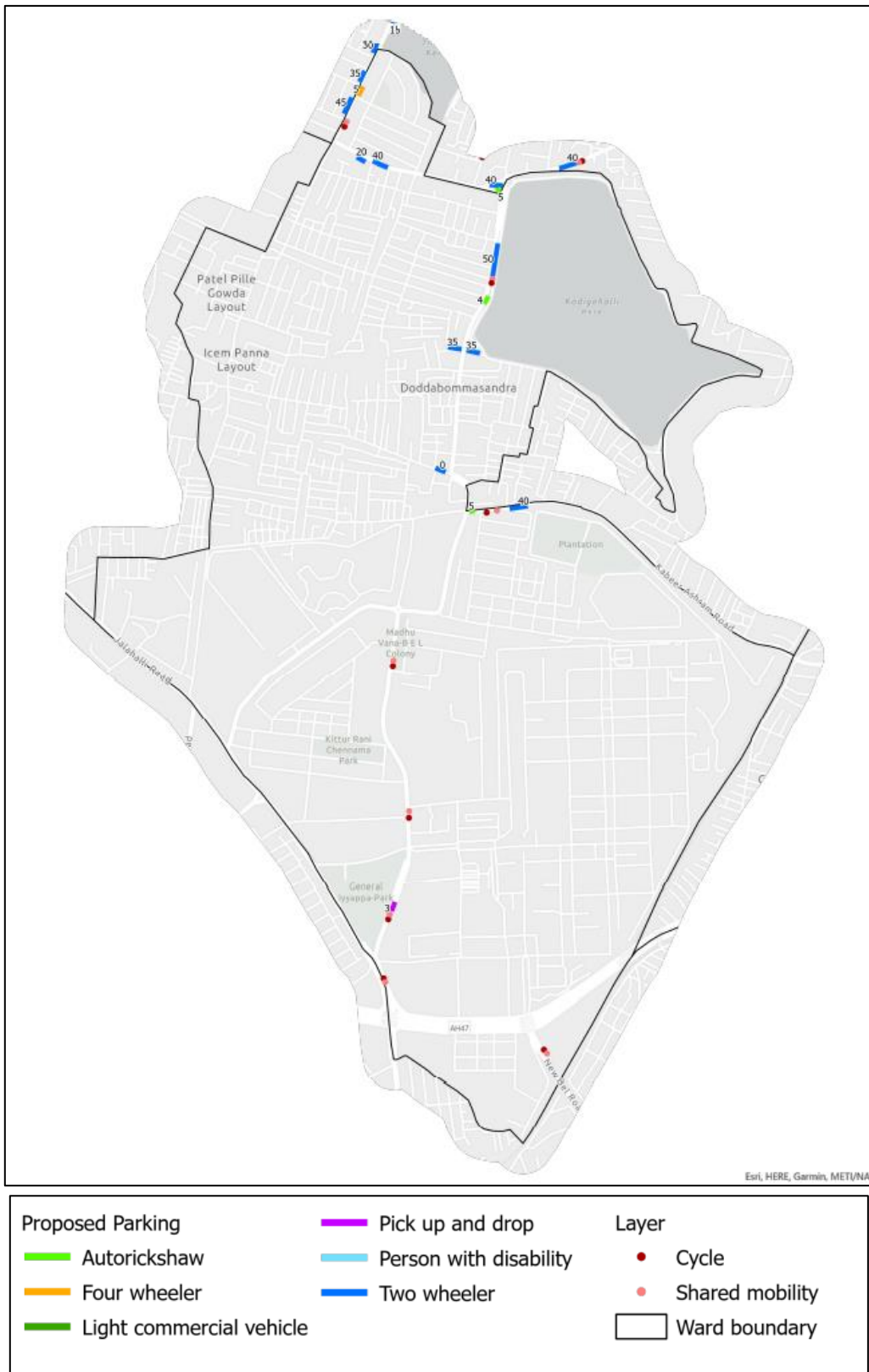


Figure 14: Map showing the major roads and trip attraction points in Dodda bommasandra ward

Parking allocation



Ward 11 – Kuvempu Nagar ward

Demographic Details

Kuvempu Nagar ward with an area of 7.53 sq.km has a population of 37128 with a density of 3333 persons per Sq.km.

Existing Land use

The major land uses in this ward is vacant and defense. The commercial land use is very limited.

Transportation network

The major roads in this ward include Major Sandeep Unnikrishnan road, Singapura main road, and Abbigere main road.

The major landmarks in this ward are Singapura lake, Aveksha hospital, Jalahalli airforce, and Jarakabandi forest area.

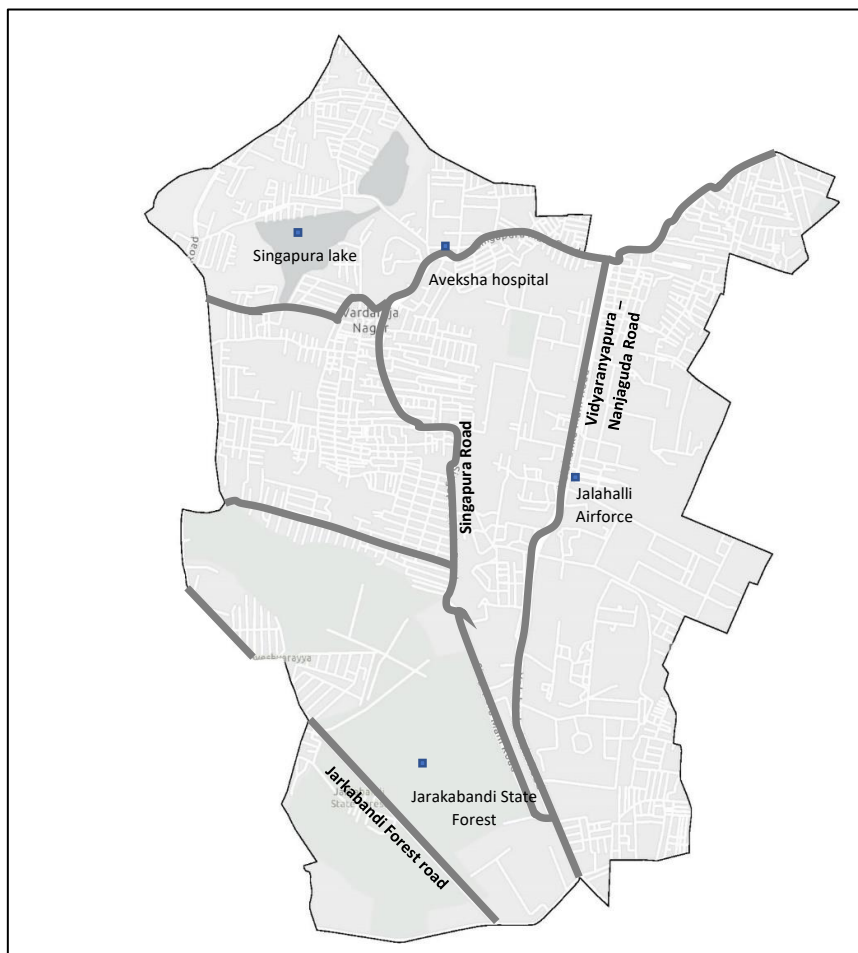
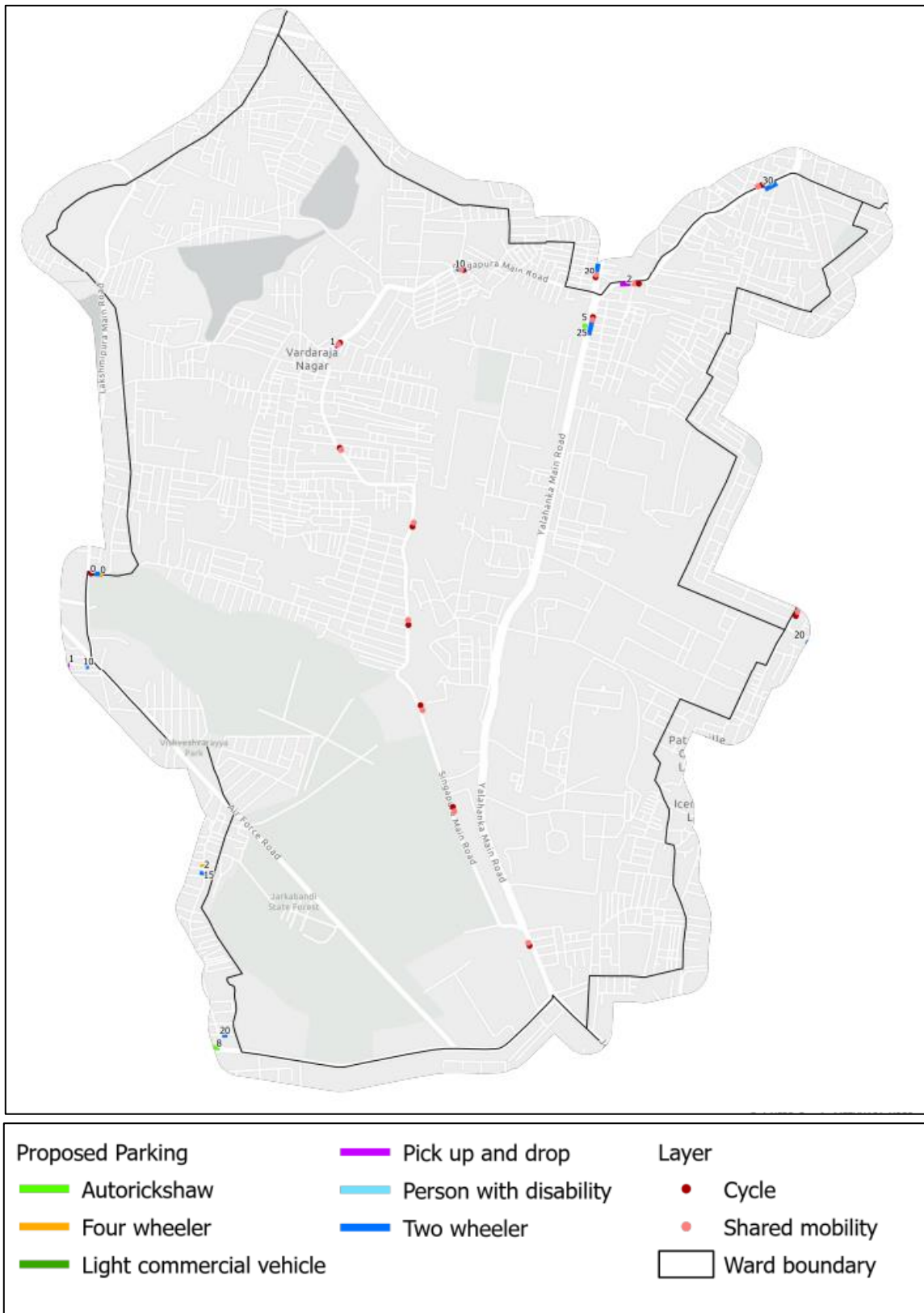


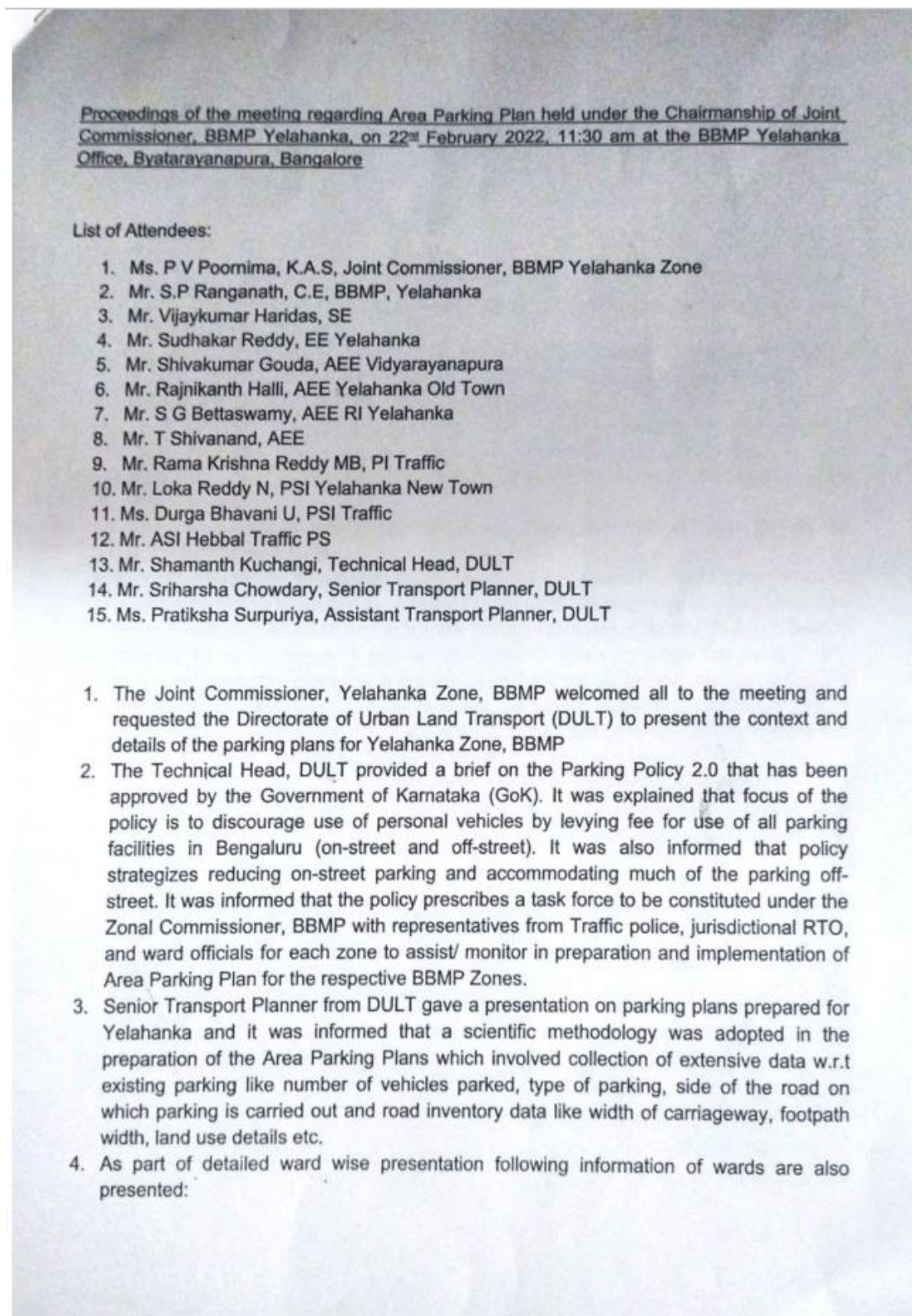
Figure 15: Map showing the major roads and trip attraction points in Kuvempu nagar ward

Parking allocation



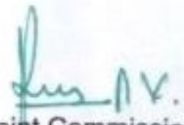
Annexure 2 - Stake-holder meeting

Following are the proceedings of the meeting held with stakeholders under chairmanship of Joint commissioner, Yelahanka zone.



- Ward Demography
 - Land use
 - Existing Parking
 - Proposed Parking Plan
 - Road wise parking allocation plan
5. It is also informed that at present area parking plans are prepared only for the roads having nonresidential parking/land-use and the residential parking permit system will be taken up subsequently. It was informed that parking allocation has carried out based on parking policy directives and has been rationalized based on the present land use adjacent to the roads.
6. As part of the discussion, parking plans for 3 wards i.e., ward 4 – Yelahanka satellite town, ward 7 – Byatarayanapura and ward 8 – kodigehalli were discussed in detail:
7. Following are the inputs received from the stakeholders:
- Ward 4: 16th B and 1st A Main Road – Since white topping has been done, current cross-section of the road should be maintained while proposing parking
 - Ward 7: 20th Main Road – Road width is narrow, thus car parking should be avoided
 - Ward 8: Kodigehalli Thindlu Main Road - Due to availability of space, parking can be allocated for cars
8. Executive Engineer, Yelahanka division informed that a tender has been called to collect user fee for the off street parking developed near NES bus stop in ward - Yelahanka new town. It was also informed by EE that the parking fee decided for the off-street location was Rs 10 for two-wheelers and Rs 20 for four-wheelers for every two hours. DULT suggested that the parking fee should be revised based on the parking policy 2.0 directives and informed that as per the policy the base parking fee for off street parking will be about Rs 40 per hour for cars and Rs. 20 per hour two-wheelers and the same may be adopted in the tender floated by BBMP.
9. Following the discussion, the Joint commissioner gave the following directions
- Executive Engineer of the two assembly constituencies of the Yelahanka zone to review the parking plans in detail along with the officials from respective jurisdictional police station and provide feedback to DULT. Joint site visit may also be carried out as necessary to review the proposed parking plans.
 - Executive Engineer of both the assembly constituencies were instructed to facilitate meetings with traffic police and DULT to review the parking plans.
10. Joint Commissioner informed that after completion of discussion and site visits for all wards, a follow-up meeting would be held to finalize the parking arrangement plans for Yelahanka zone

The meeting ended with vote of thanks.


 Joint Commissioner
 Yelahanka Zone
 BBMP

Below are the proceedings of the meetings held with stakeholders under chairmanship of Executive Engineers of Yelahanka and Byatarayanapura constituencies in the Yelahanka Zone. The comments and suggestions given by all concerned stakeholders have been noted and addressed below.

**Proceedings of discussion on Area Parking Plans for Yelahanka zone, BBMP
Constituency: Yelahanka Constituency**

Date: 07.03.2022 (Monday), 3:00 PM		
Venue of Meeting	BBMP Office, M O, Road, Yelahanka, Bengaluru, Karnataka 560064	
Wards in Yelahanka Constituency	1,2,3,4	
List of Attendees		
<ol style="list-style-type: none"> 1. Sudhakar Reddy, EE Yelahanka, BBMP 2. Mr. Sachin, AEE (ward 3 and 4), BBMP 3. Mr. Ramakrishna, Engineer (ward 3), BBMP 4. Mr. Mohan, Engineer (ward 4), BBMP 5. Sriharsha Chowdhary, Senior Transport Planner, DULT 6. Pratiksha Surpuriya, Asst. Transport Planner, DULT 		
Meeting Brief:		
<p>The meeting started with the introduction of all the stakeholders followed by the brief overview on the Parking Policy 2.0 and the design principles applied for the preparation of the Area Parking Plan.</p> <p>The methodology of preparation of parking allocation plans was also presented. Subsequently, each road in every ward (where parking is provided) under Yelahanka division was discussed in detail and feedback was received from respective stakeholders for each ward. The parking plans were discussed for each ward for only non-residential roads and the comments/suggestions made by the stakeholders were as follows.</p>		
Ward 1 - Kempegowda		
Parking roads	Comments/recommendations	DULT Actions
BB road	No comments, BBMP in agreement with the parking plan	
Station road	No comments, BBMP in agreement with the parking plan	
Bazar road	No comments, BBMP in agreement with the parking plan	
Kogilu Main Road	No comments, BBMP in agreement with the parking plan	

Ward 2- Chowdeshwari		
Parking roads	Comments/recommendations	DULT Actions
Doddaballapura Road	Parking is required on the stretch from Doddaballapura road to main station	
Railway Station Road	No comments, BBMP in agreement with the parking plan	
Anantapura Road	No comments, BBMP in agreement with the parking plan	
Ward 3- Atturu		
Parking roads	Comments/recommendations	DULT Actions
Atturu Road	No comments, BBMP in agreement with the parking plan	
Anantapura road	No comments, BBMP in agreement with the parking plan	
1st Main road	BBMP Informed that the street vending on this road is being shifted to a designated spot. No comments, BBMP in agreement with the parking plan	
Mandir road	No comments, BBMP in agreement with the parking plan	
Vidyarayanapura road	No comments, BBMP in agreement with the parking plan	
DKN road	No comments, BBMP in agreement with the parking plan	
Ward 4- Yelahanka Satellite Town		
Parking roads	Comments/recommendations	DULT Actions
New Town Main Road	BBMP informed that a cycle track is under construction on this stretch. 80% of the works have been completed.	DULT has done a site visit to check the cycle track progress.
3rd A Cross Road	No comments, BBMP in agreement with the parking plan	
1st Main Road	Road has been white topped. BBMP recommends extending parking from 3 rd A Cross road to 1 st A Cross road.	DULT conducted another site visit to verify site conditions and accommodated parking.

Major Akshay Kumar Road	Road has been white topped. BBMP recommends extending parking from 3 rd A Cross road to 1 st A Cross road.	DULT conducted another site visit to verify site conditions. Though there are no commercial establishments, parking can be allocated on this stretch to accommodate extra parking for the institutional area around.
16th B Cross Road	White topping work is under progress in this stretch. No comments, BBMP in agreement with the parking plan BBMP informed that off street 2-wheeler parking space is being created on the vacant strip of land in between 2 roads i.e. between 16 th B Cross road and 20 th Cross road. (Parking pax remains the same)	
15th A Cross Road	BBMP recommends including parking all along this stretch of road.	DULT conducted another site visit to verify site conditions. Parking provision can be extended for half the stretch since the rest of the stretch has residential land-use.
Allalsandra Lake Road	BBMP recommends allocating parking spaces for the visitors to the lake and park.	DULT conducted another site visit to verify site conditions. Parking for Two-Wheeler, Four-Wheeler and Auto Rickshaw stand are allocated here.

BBMP Constituency: Byatarayanapura Constituency

Date: 16.03.2022 (Wednesday), 12:00 PM		
Venue of Meeting	Mini Vidhana Soudha, NES Office Rd, Suggappa Layout, East Colony, Yelahanka, Bengaluru, Karnataka 560064	
Wards in Byatarayanapura Constituency	5, 6, 7, 8, 9, 10, 11	
List of Attendees		
<ol style="list-style-type: none">1. Mr. H T Mohandas, EE Byatarayanapura, BBMP2. Mr. Sreenivasa Murthy AEE (KSD), BBMP3. Mr. Shivakumar Gouda, AEE (Vidyarayanapura), BBMP4. Mr. Suresh Devatharaj, AE (ward 6), BBMP5. Mr. Praveen AR, JE (ward 8), BBMP6. Mr. E Eranna, AE (ward 9), BBMP7. Ms. Swetha N R, AE (ward 10), BBMP8. Mr. Somashekhar, AE (ward 11), BBMP9. Mr. Srishail Burlatti, Pro. PSI10. Mr. Raju U, ASI, Hebal Traffic11. Sriharsha Chowdhary, Senior Transport Planner, DULT12. Pratiksha Surpuriya, Asst. Transport Planner, DULT		
Meeting Brief:		
<p>The meeting started with the introduction of all the stakeholders followed by the brief overview on the Parking Policy 2.0 and the design principles applied for the preparation of the Area Parking Plan.</p> <p>The methodology of preparation of parking allocation plans was also presented. Subsequently, each road in the ward (where parking is provided) was discussed in detail and feedback was received from respective stakeholders for each ward. The parking plans were discussed for each ward for only non-residential roads and the comments/suggestions made by the stakeholders were as follows.</p>		
Ward 5 - Jakkuru		
Parking roads	Comments/recommendations	DULT Actions
Bagalur Main Road	No comments, BBMP in agreement with the parking plan	

Bellahalli Main Road	No comments, BBMP in agreement with the parking plan	
Kogilu Main Road	No comments, BBMP in agreement with the parking plan	
Thanisandra Main Road	No comments, BBMP in agreement with the parking plan	
MCECHS Road	No comments, BBMP in agreement with the parking plan	
Jakkuru Main Road	BBMP suggested that parking can be provisioned on this road	DULT has reviewed the site and accommodated the Two-wheeler parking
Ward 6- Thanisandra		
Parking roads	Comments/recommendations	DULT Actions
Thanisandra Main Road	No comments, BBMP in agreement with the parking plan	
MCECHS Road	No comments, BBMP in agreement with the parking plan	
RKH 1st Main Road	No comments, BBMP in agreement with the parking plan	
Rachenahalli Main Road	No comments, BBMP in agreement with the parking plan	
Philomena Hospital Road	No comments, BBMP in agreement with the parking plan	
Dasarahalli Main Road	No comments, BBMP in agreement with the parking plan	
Kempegowda Main Road	No comments, BBMP in agreement with the parking plan	
Ward 7- Byatarayanapura		
Parking roads	Comments/recommendations	DULT Actions
Bellary Road	No comments. BBMP Informed that the road is under NHAI, so it doesn't come into their purview.	
Jakkuru road	No comments, BBMP in agreement with the parking plan	
Amruthahalli Main Road	No comments, BBMP in agreement with the parking plan	

60 Feet Road	No comments, BBMP in agreement with the parking plan	
Kodigehalli road	No comments, BBMP in agreement with the parking plan	
1st Main Road	No comments, BBMP in agreement with the parking plan	
20th Cross road	BBMP stated that this road has a Kalyana Mantapa frequented by political leaders as well. Hence, though this is a residential street, parking provision is required.	As the road leading to this Kalyanan Mantapa is residential, commercial parking cannot be provided in the residential area as per parking policy.

Ward 8- Kodigehalli

Parking roads	Comments/recommendations	DULT Actions
Kodigehalli Main Road	BBMP suggests adding additional parking on this road. They also recommended providing parking for cars near the Hiranandani Apartments as sufficient road width is available in this portion.	DULT has reviewed the recommendation and accommodated extra two wheeler parking and four wheeler parking based on availability of space.
Kodigehalli Road	No comments, BBMP in agreement with the parking plan	
1st Main Road	No comments, BBMP in agreement with the parking plan	
14th Main Road	No comments, BBMP in agreement with the parking plan	
Outer Ring Road	BBMP mentioned that since there is a huge commercial block on this stretch, parking is required	DULT stated that, as part of High-Density Corridor project, This stretch of ORR is planned for provision of cycle track on service road. Hence parking cannot be provisioned on service road.
Devinagar Main Road	BBMP suggested that parking can be provisioned on this road	DULT reviewed the site and felt that the demand is less.

Ward 9- Vidyarayanapura

Parking roads	Comments/recommendations	DULT Actions
Vidyarayanapura Main Road	No comments, BBMP in agreement with the parking plan	

Thindlu Main Road	No comments, BBMP in agreement with the parking plan	
Ward 10- Dodda Bommasandra		
Parking roads	Comments/recommendations	DULT Actions
Vidyaranyapura Road	BBMP stated that LCVs are parked along the lake and suggested checking for parking provision.	DULT verified the site conditions, but the road width is insufficient to accommodate LCV parking.
Thindlu road	BBMP recommends provisioning car parking on the stretch near the lake	DULT has reviewed the available cross section and provided parking for two wheeler, car and Cycle SMMS.
Ward 11- Kuvempu Nagar		
Parking roads	Comments/recommendations	DULT Actions
Yelahanka Main Road	No comments, BBMP in agreement with the parking plan	