SEPTEMBER 2025

SURAT MUNICIPAL CORPORATION

REVISION OF COMPREHENSIVE MOBILITY PLAN (CMP) FOR SURAT CITY

FINAL CMP REPORT

VOLUME III - ANNEXURES







ASSYSTEM INDIA LTD.
formerly known as L&T Infrastructure Engineering Limited-LNTIEL

CHAPTER 1
ANNEXURES



ANNEXURE 1.1 | National and Regional Frameworks reviewed for CMP

NATIONAL FRAMEWORKS

NATIONAL URBAN TRANSPORT POLICY, 2014

National Urban Transport Policy (NUTP) was formulated in 2006 by the Ministry of Urban Development (MoUD) in 2006 with the view of **'Moving People rather than Vehicles'** and to transform the current urban transport system into a safe, convenient, and efficient transportation system across all urban areas in India. Since the policy was 8 years old, it was realized by the Ministry to update the policy to address the ongoing mobility scenario and promote seamless mobility in cities, MoUD undertook the review of policy and subsequently published the updated policy in 2014. The success of any policy hinges on robust cooperation among the governmental agencies, other public stakeholders, and city residents. The objectives of the NUTP include:

- Integrated Land Use & Transport Planning
- Equitable Allocation of Road Space
- Integrated Public Transit System
- Priority to Use of Public Transport
- Pedestrian Facilities & Pathways
- Non-Motorized Vehicles
- Parking & Freight Traffic Management
- Capacity Building
- Road Safety
- Pollution Reduction

NATIONAL ELECTRIC MOBILITY MISSION PLAN, 2013

In 2013, Government of India introduced the National Electric Mobility Mission Plan 2020 to achieve National Fuel Security by promoting hybrid and electric vehicles in the country. Government aims to provide fiscal and monetary incentives to kick start EV technology. The target is to achieve sales of 6 – 7 million in the hybrid and electric vehicles sector from 2020. Under the NEMMP, the Government has launched the Faster Adoption and Manufacturing of Electric (FAME) vehicles scheme. This scheme has provided a major thrust towards early adoption of electric and hybrid vehicles. The focus areas of FAME India include:

- Technology Development
- Demand Creation
- Pilot Projects
- Charging Infrastructure

Further, Government has progressed in framing FAME II to boost the EV Ecosystem. Surat has actively participated in the FAME schemes initiated by the Government of India and achieved a significant progress in adoption of EVs across various segments, including two-wheelers, three-wheelers, four-wheelers, and commercial vehicles. There have been efforts to promote electric mobility in public transportation, particularly in the bus segment.

SMART CITIES MISSION, 2015

The Smart Cities Mission, launched by Government of India in 2015, aims to transform urban areas into more sustainable and citizen-friendly spaces through the deployment of smart technological solutions. While the mission covers various sectors like governance, infrastructure, public services, and environment, transportation is a crucial sector of it, and impacts it in the following ways:

- **Integrated Transport Planning |** encourages developing integrated transportation plans that cater to the diverse needs of residents while ensuring efficiency, safety, and sustainability. This includes incorporating various modes of transport such as walking, cycling, public transit, and private vehicles into a cohesive urban mobility framework.

- **Public Transport Enhancement |** prioritizes improvement/expansion of public transportation systems to provide convenient and affordable mobility options for residents. This may involve initiatives such as the introduction of Bus Rapid Transit (BRT) systems, modernization of existing public transit networks, and integration with emerging technologies like real-time passenger information systems and mobile ticketing.

- **Last-Mile Connectivity |** encourages to develop solutions like bike-sharing programs, feeder services, and pedestrian-friendly infrastructure to bridge the gap between public transportation hubs and final destinations.

- **Traffic Management and Intelligent Transportation Systems (ITS) |** deploys technologies for traffic management and optimization, including adaptive traffic signal systems, monitoring cameras, and dynamic route guidance systems. These solutions help in reducing congestion, improving traffic flow, and enhancing overall transportation efficiency.

- **Multimodal Integration Hubs |** promotes the development of multimodal transportation hubs that seamlessly integrate different modes of transport such as buses, metro rail, suburban rail, and non-motorized transport. These hubs serve as focal points for connectivity, making it easier for commuters to switch between modes and complete their journeys efficiently.

- **Smart Parking Solutions |** implements smart parking solutions that leverage technology to optimize parking space utilization, reduce traffic congestion, and provide real-time information to drivers about parking availability.

- **Promotion of Sustainable Transport |** encourages the adoption of sustainable transportation practices including promoting EVs, creating dedicated cycling lanes, and implementing policies to reduce vehicular emissions. These initiatives contribute to environmental sustainability and improve the overall quality of urban life

NATIONAL TRANSIT ORIENTED DEVELOPMENT (TOD) POLICY, 2017

With the vision to promote sustainable urban development and address the diverse impacts of rapid urbanization, the Ministry of Housing and Urban Affairs (MoHUA) formulated the National TOD Policy in 2017. The policy has three-fold vision:

- **Enable Transformation |** assist in transformation of cities from private vehicle dependence to public transport-oriented development.
- **Accessible Public Transport |** make public transport more accessible, promote green mobility, and reduce pollution.
- **Compact Walkable Communities |** create liveable, affordable, and walkable neighborhoods

around transit hubs.

TOD emphasizes compact, mixed-use development around mass public transit corridors like metro rail and BRTS. International case studies highlight that while transit systems enable TOD, improving accessibility and creating walkable communities is crucial. The TOD policy aligns with the objectives of the National Urban Transport Policy through 12 guiding principles and 9 supportive tools.

METRO RAIL POLICY, 2017

Metro Rail Projects provide high-capacity public transit but are capital intensive. It is in this context that the need for a policy on metro rail is necessary to ensure that such systems are proposed, appraised and decided upon in a comprehensive manner and implemented in the most sustainable manner from the social, economic and environmental perspectives.

The Union Cabinet approved the Metro Rail Policy in August 2017. The following are some of the salient features of the 2017 policy:

- Recognition of the fast-growing need for improvements in the public transport system in a large number of cities.
- Evaluation of various options of Mass Rapid Transit Systems (MRTS), along with a comparative analysis of alternate modes of transport to be a vital part.
- Metro Rail system is often considered the most suitable urban transport system due to its high capacity and speed, along with comfort.
- Comprehensive Mobility Plan (CMP) is a pre-requisite for planning metro rail systems in any city.
- Integration of suburban systems with the proposed metro rail.
- Economic Internal Rate of Return (EIRR) of 14% and above is essential for sanctioning of metro rail, since metro rail projects have significant economic and social benefits.
- Feeder systems up to a catchment area of 5km of each metro station, and last mile connectivity to be included in metro rail project proposals.
- Focuses on maximizing non-fare box revenue and revenue through commercial development at stations and land value capture.
- Efforts to be made towards reducing the costs of construction and operations, with the aim of standardizing sub-systems and components.
- Private participation either for the complete provisioning of metro rail systems or for some unbundled components will form an essential requirement for all metro rail project proposals seeking central financial assistance.

- Appraisal by an independent agency as identified by the Ministry of Housing and Urban Affairs (MoHUA)

NATIONAL MISSION ON SUSTAINABLE HABITAT, 2021

Under the National Action Plan for Climate Change (NAPCC), the National Mission on Sustainable Habitat (NMSH) was launched to cover various aspects which include better urban planning and modal shift to public transport. Regarding urban transport, objectives of the NMSH are:

'*To address the issue of mitigating climate change by taking appropriate action with respect to the transport sector such as evolving integrated land use and transportation plans, achieving a modal shift from private to public mode of transportation, encouraging the use of non-motorized transport, improving fuel efficiency, and encouraging use of alternate fuels, etc. To evolve strategies for adaptation in terms of realignment and relocation, design standards and planning for roads, rail and other infrastructure to cope with climate change*'.

Accordingly, NMSH postulated the following 8 principles for sustainable urban transport planning:

- **Walk |** develop neighborhoods that promote walking.
- **Cycle |** prioritize cycle track networks.
- **Connect |** create dense networks of streets and paths.
- **Transit |** support high quality transit.
- **Density, Diversity and Compactness |** optimize density, match the transit capacity, and create compact regions with short commutes.
- **Shift |** shift from unsustainable mobility to sustainable modes by using technology, regulating road use, parking and fiscal measures.
- **Urban Transport Fund |** institutionalize the fiscal and funding mechanisms to ensure financial sustainability of investments in public transport and non-motorized transport.
- **Impact Assessment |** evaluation and assessment measures to effectively measure Impacts of urban transport policies and projects.

HARMONIZED GUIDELINES AND STANDARDS FOR UNIVERSAL ACCESSIBILITY, 2021

The 'Harmonized Guidelines and Standards for Universal Accessibility' aim to create an inclusive environment that is accessible to everyone, including persons with disabilities, the elderly, and others with limited mobility.

These guidelines cover various aspects of built environments, transportation, and information and communication services, providing a comprehensive framework to ensure public spaces, buildings,

and services are accessible to all. Their primary objective is to eliminate barriers and promote inclusion by integrating universal design principles.

These guidelines align with the *'Rights of Persons with Disabilities Act', 2016 (RPWD Act)*, which mandates accessibility in public infrastructure and services. They also support India's commitments under the *'United Nations Convention on the Rights of Persons with Disabilities' (UNCRPD)*. The standards provided include accessible designs for buses, trains, and metro systems, with provisions for boarding, alighting, and seating, as well as accessible designs for bus stops, railway stations, airports, and related facilities. Additionally, the guidelines ensure clear and accessible signage in public spaces using visual, auditory, and tactile elements.

Implementation of these guidelines is essential for various government bodies at the central, state, and local levels. All public procurement policies are aligned with these guidelines to ensure that new infrastructure and services are developed accordingly. Promoting inclusivity, the guidelines ensure that all individuals, regardless of their physical abilities, can access and use public spaces and services independently and with dignity.

REGIONAL FRAMEWORKS

SURAT ELECTRIC VEHICLE POLICY, 2021

To enable paradigm shift towards adoption of non-fossil fuel-based vehicles and become the 'First EV Smart City', the SMC formulated the 'Surat City Electric Vehicle Policy' in 2021. The broad objectives formulated to achieve the defined aim and targets are as follows:

- To facilitate adoption of at least 20% EVs in the target set in State EV Policy
- To promote creation of public and private EV Charging Infra in the city
- To mandate adoption of EVs in SMC, SSCDL, URDCL, SSL, Dream City, etc.
- To adopt renewable sources of energy into EV Charging Infra.
- To create awareness among citizens for adopting EV by organizing capacity building programs.
- To protect environment by reducing City Aur Quality Index.
- To give multiplier effect on the economy including employment.

The segment wise target defined in the City EV Policy for the period 2021-2025 includes increasing the share of 2-Wheeler EVs to 20,000, 3-Wheeler EVs to 15,000, 4-Wheeler EVs to 5,000 and Buses to 300., totaling to about 40,300, which is about 20% of the State's target in State EV Policy period.

SURAT PARKING POLICY, 2018

To address the rapidly increasing demand for parking in Surat, the SMC formulated the 'Parking Policy for Surat City' in 2018. The strategic intent of the policy is to

- Manage demand through pricing and other means
- Reduce private vehicle usage and dependency via 'Travel Demand Management' strategies.
- Support public transport use wherever possible.

Further, the policy provides specific actions to address on-street parking, off-street parking, loading bays, parking permits, reserved parking, and bicycle parking. The overarching principle for addressing the challenge of parking demand in Surat is 'to progressively reduce demand for parking and facilitate organized parking for all types of vehicles.' The broad dimensions for the parling policy interventions include:

- Charging for Parking
- Enforcing Parking
- Providing Proof of Parking
- Sharing Parking
- Reducing Parking Minimums
- Issuing Parking Permits
- Regulating IPTs Parking
- Managing Freight
- Promoting NMT near Transit & Parking Facilities

Apart from policy interventions, the policy also recommends the integration of ITS, with the following possible applications of smart parking technology.

- Advance Information on Availability of Parking Lots
- Parking Guidance and Information (PGI) System

ANNEXURE 1.2 | Highlights of Recent Studies conducted in Surat

▪ COMPREHENSIVE MOBILITY PLAN (CMP), 2046 (2018)

To address the key urban and regional transport related issues in SMC and SUDA, including rapid rise in personal vehicles, increase in passenger trips, increase in congested network, reduction in network speeds, increase in average travel time, increase in accidents and GHG emissions, SMC underwent a CMP study in 2017-18, which was carried out by Center of Excellence (CoE) in Urban Transport, CRDF, CEPT university. Based on wide consultations, the vision for CMP was drafted as **'SARAL-Safe, Accessible, Reliable Advanced and Low Carbon Mobility in Surat'.** The 5 strategic goals of the CMP are outlined as:

- Improving quality of life of the people by providing a **safe** and sustainable transport system.
- Supporting economic growth by improving **accessibility** for people and goods.
- Ensuring efficient connections by providing **reliable** multi-modal travel options.
- Optimizing transport operations and enhancing experience via **advanced** tech-based solutions.
- Contributing to the environment by promoting **low carbon** mobility.

Broadly, the various proposals identified as part of the CMP includes dimensions like Road Network, Integrated Multi-Modal Public Transport System, Transit Oriented Development, Pedestrian and NMT, Accident Management, Urban Freight Management, and Fiscal Measures. The various proposals are presented broadly below:

Road Network	▪ Ring Radial Network Proposed
	▪ 513km of New Network Added
	▪ 308km of Network Upgrade
	▪ 7 New River bridges
	▪ 37 New Rail over Bridges/Rail Under Bridges
	▪ Develop Roads with >30m RoW as Transit Ready Streets (Median for Mass Transit System)
	▪ Develop Roads >18m RoW as Bus Priority Corridor with Central Bus Stations
	▪ Road with <18m, Mini/Small Buses are allowed to ply
Multi-Modal Public Transport System	▪ 240km of Strategic Network Identified
	▪ 73km of Metro and 99km of BRT Network
	▪ 12km of LRT/BRT along Inner Ring Road as High Mobility Corridor
	▪ 36 Interchanges for seamless transfer at Surat Railway Station, Majura Gate & HSR Station
	▪ In addition to 450km of bus network, 264km of Bus Priority Network
	▪ 5,000 buses required
	▪ ITS includes Automated Fare Collection, Automatic Vehicle Locating System, Passenger Information System, Vehicle Scheduling and Dispatch System, Depot and Incidence Management System.
Transit Oriented	▪ Promotion of Local Area Planning

Development	▪ FAR of 4.0 (1.8 Base and 2.2 Chargeable)
	▪ INR 20,000-30,000 Crore revenue estimated from TOD
Pedestrian and NMT	▪ Develop transit streets as walkable streets with public plazas and pedestrian priority
	▪ 488km of Footpaths above 1.8m
	▪ 288km of Cycle Network (Lane Marking)
	▪ 2 Public Bicycle Sharing Scheme, (i) Old City with 40 docks and 1,100 cycles and (ii) SVNIT with 8 docks and 500 bikes
Accident Management	▪ Junction Improvement and Signalization (79 for improvement and 178 for signalization)
	▪ NHs to have speed limit as 65kmph, for arterial roads as 55kmph, for sub-arterial and collector streets as 45kmph and for core city as 30kmph
	▪ GIS based Accident Management Cell
Urban Freight Management	▪ New Outer Ring Road for through traffic
	▪ Textile Corridor with logistics park near Palsana
	▪ Entry and exit restrictions for freight vehicles
	▪ Parking regulations with strict enforcement
	▪ New APMC Market facility near Kadodara
Fiscal Measures	▪ Transportation Impact Charge
	▪ TOD Value Capture
	▪ Automated Fare Regulations
	▪ Congestion Pricing for Old City

▪ SUDA DRAFT DEVELOPMENT PLAN, 2035 (2017)

Draft Development Plan for SUDA Area with an area of 1,351sqkm was prepared with the objective to formulate a meaningful physical development plan to regulate and guide the urban growth in the development authority area in a planned and healthy manner as per the provisions of Gujarat Town Planning and Urban Development Act-1976 and Gujarat Town Planning and Urban Development Rules-1979. While formulating the proposals, the following broad principles were considered:

- To have optimum utilization of urban land and to minimize the spread of urbanization in rich agricultural irrigated area.
- To develop multi modular transportation considering high growth of city and upcoming national projects such as DFC, EW, Metro, Bullet train, DREAM City, etc., and creating transportation corridor by way of ring roads, DP Road and radial conduit roads.
- To decongest the city by locating new development areas to ease the pressure on city Providing balanced development with environmental protection and adequate green spaces.
- Diversification of economic activities.

The vision envisaged for development includes **'An economically vibrant and sustainable Surat with diverse opportunities and rich culture, where all the citizens enjoy a safe and liveable**

environment with good connectivity and infrastructure of Global standards.'

The broad principles drafted towards the development plan includes:

- Optimum Utilization of Urban Land
- Guided and Balanced Inclusive Development
- Emphasis on Green Development
- Improved Safety and Security Environment
- Environmental Protection and Adequate Green Spaces
- Multi-Modular Public Transportation
- Facilitating Diversification of Economy
- Preserving Water Channels/Water Bodies/Natural Drains
- Providing Adequate Space for Recreational Activities
- Shifting of Existing Industries Outside Residential Area

The broad proposals under the development plan for the transport sector includes:

- 90m Wide Outer Ring Road around city boundary
- Regional Ring Road of 120m and 116km length
- 60m Wide Ring between 90m and 120m Ring Roads
- 7 Radials of 90m, 13 Radials with 60m, 5 Radial with 45m
- Total Major Road Network of 917km | RoW 120m-116km | RoW 90m-140km | RoW 60m-360km | RoW 45m-301km
- 18m Road parallel to ORR on periphery of residential zone
- Ring around each Village connected with 18m Roads
- Special Junction Design at Khajod and Icchapore
- Micro Level Road Network to finalized during TP Scheme
- 8 lakh sqm of Logistics Zone in Sachin Udyognagar
- 200m Wide Logistics Zone along Surat Ind. Growth Region
- Multi-Modal Transport Hub at Surat Railway Station
- 4.2 Ha of Multi-Modal Transport Hub on ORR in Vedchha

▪ CITY DEVELOPMENT PLAN (REVISED), 2008-13

The City Development Plan (2008-13) was prepared by SMC, SUDA, and CEPT University with the objective to keep the city's economic base attractive and continuously upgrade the quality of life of its citizen via focusing on three core elements, i.e., (i) Promoting Growth, (ii) Good Governance, and (iii) Improved Service Delivery. Specific to the transportation sector, considering the various issues and challenges as well as the projected travel demand, CDP evaluated 4 alternate scenarios, including:

- Business as Usual
- Bus Improvement Program
- Regular Bus System + BRT
- Regular Bus System + BRT + LRT

The BRT development scenario includes development of over 125km of BRT network in 3 phases, i.e., 33km, 50km and 35km over the next 10-15 years. Whereas the BRT and LRT development scenario includes development of 26km of LRT in addition to the BRT.

▪ COMPREHENSIVE STRATEGY AND LOGISTICS PLAN FOR SURAT CITY, 2024

The National Industrial Corridor Development Corporation (NIDC), under the Draft National Logistics Policy, aims to enhance logistics infrastructure nationwide, mandating state and city level logistics planning for efficient urban freight management. With this, Government of Gujarat has established

committees to integrate and upgrade logistics facilities in line with the State Logistics Master Plan, aligning with Gati Shakti National Master Plan. With this context the City Logistics Plan for Surat has been prepared by Gujarat Industrial Development Board (GIDB), in association with AECOM. Based on the data collection and analysis, strategic proposals have been identified under 6 categories, i.e.,

- Road Network based Interventions
- Traffic Management Provisions
- Logistics Facilities and Infrastructure
- Land Use Interventions
- Railway Alignment and Connectivity
- Policy based Interventions

The broad proposals under the development plan for the transport sector includes:

Road Network	▪ 222km of New Links i.e., ORR, Western Radial Ring, Eastern Radial Ring, Eastern Internal Link, Western External Ring Road, and Southern Connector Road
	▪ 8 Roads identified for Widening, including NH-53, NH-48, Surat-Kadodara Road, Sachin Road, Godhan Road, Kapodara, Kumbharia, and Bhestan Road
	▪ 12 Junctions identified for Improvements, including Lal Darwaja, Maan Darwaja, Khatodra Wadi, Pandesara-Udhana, City Broadband, Piplod, ONGC Colony, Udhana, Mor Char Rasta Circle, ONGC Circle, Adajan Junction, and Adajan Circle.
Rail Network	▪ 2 Railway Siding, i.e., Siding connecting MMLP (1.2km) and Western DFC Spur Line (9.21km)
Traffic Management	▪ 6 Road Sections (21.5km) identified for One-Way Management, i.e., Subhash Candra Bose, Muglisara Main Road, Dayalji Ashram Marg, Mahalaxmi Street, Amroli Road, and Dabholi Road
	▪ Restriction of Right Turn Movement on Junctions of Lower Order Roads and Radial/Ring roads
	▪ Restriction of Freight Vehicles in Walled City – 8:00 to 12:00 and 16:00 to 21:00
	▪ Banning of 4W Private Vehicle Parking on Mai Roads in Walled City – 8:00 to 15:00
	▪ Encouraging Off Peak Freight Delivery – 7:00 to 9 :00 and 18:00 to 22:00
	▪ Dedicated Freight Lanes on Proposed Elevated Ring Road and Western External Ring Road
	▪ Pripority Traffic Signal Control for Freight Vehicles on Intersections along Elevated Ring Road, Western External Ring Road, Western Radial Ring Road, Eastern Internal Ring Road, Eastern Radial Ring Road and Southern Connector Road
	▪ Deployment of Camera and Sensors Systems to monitor Freight Exclusive Lanes
	▪ Implementation of GSS (Geospatial Surat) to facilitate centralized data base
Logistics Facilities and Infrastructure	▪ 2 Multi-Modal Logistics Parks proposed, i.e., MMLP Hazira (Parking, Warehousing, and Administrative Service) and MMLP Hazira (Railway Siding and Warehousing)
	▪ 2 Logistics Parks proposed, i.e., Olpad (Parking), and Olpad (Warehousing & Other Infrastructure)
	▪ 4 Truck Parking Locations proposed, i.e., Velanja, Kadodara, Palsana and Sonari
	▪ 4 Urban Consolidation and Logistics Distribution Centers (UCLDC) proposed, i.e., Western UCLDC, Southern UCLDC, Northern UCLDC, and Eastern UCLDC
	▪ 9 Micro Delivery Hubs proposed i.e., Sardar Patel Cricket Ground, Katagram, Jahangirabad, VNSGU Exhibition ground, Shiv Darshan Society, Girdhardwar Society, Dindoli, Athwa, and Sardar Vegetable Market

	▪ 3 Parking Facilities with EV Charging Infrastructure proposed near City Core
	▪ Proposed Strategies | Promote Green Modes | Kerb Space Development for Loading/Unloading Activities | Access and Circulation within Existing Market Areas | Fire Safety Infrastructure for Congested Markets | Driver Rest Areas and Amenities | Specified Areas for Retail Vendors
Land Use	▪ Relocation of Sardar Vegetable Market (APMC) to Kadodara on Surat-Kadodara Road
Policy	▪ 2 Low Emission Zones proposed, i.e., (i) City Core (7.43sqkm), and (ii) East and West Adjacent Areas of the City Core (15.73sqkm)
	▪ Warehouse Working Hours | 24 Hours * 7 Days
	▪ Promote Logistics Service Aggregators

CHAPTER 2
ANNEXURES



ANNEXURE 2.1 | Status of Town Planning Schemes of SMC in Study Area

SANCTIONED FINAL TOWN PLANNING SCHEMES

No.	TPS Name	Area (ha)	Draft Scheme Submitted to Government On	Final Scheme Sanctioned by Government On	Effect From	Remarks
1	TPS No.1 (Lal Darwaja)	40.87	-	1-May-64	1-Jul-64	Fully Implemented
2	TPS No.1 (Udhana-Majura)	141.00	-	7-Jul-98	10-Aug-98	Major Part Is Implemented
3	TPS No.1 (Vesu)	119.00	19-Aug-91	20-Feb-07	21-Mar-07	Final Scheme Award Declared on 30/06/05
4	TPS No. 2 (Nanpura)	40.00	-	23-Apr-64	1-Jun-64	Fully Implemented
5	TPS No.2 (UDHANA)	180.28	-	28-Jun-13	28-Jun-13	Scheme Sanctioned on 28/06/2013
6	TPS No.2 (Vesu-Bharthana-Vesu)	134.00	19-Aug-91	21-Dec-21		Scheme Sanctioned on 21/12/2021
7	TPS No. 3 (Katargam)	177.10	-	26-Aug-76	11-Oct-76	Fully Implemented
8	TPS No. 3 (Karanj)	185.75	19-Jun-80	9-Sep-97	10-Oct-97	Major Part Is Implemented
9	TPS No.3. (Rundh)	71.00	15-Jan-93	29-Jul-17		Scheme Sanctioned on 29/07/2017
10	TPS No.4 (Ashwanikumar-Navagam)	211.57	-	30-Apr-82	21-Jun-82	Major Part Is Implemented
11	TPS No.4 (Umra-South)	146.44	29-Dec-87	22-Aug-13		Scheme Sanctioned on 22/08/2013
12	TPS No.4 (Rundh-Magdalla)	106.90	15-Jul-93	8-Mar-18		Scheme Sanctioned on 08/03/2018
13	TPS No. 5 (Athwa-Umra)	170.85	-	18-Nov-77	15-Jan-78	Fully Implemented
14	TPS No.5 (Umra-North)	118.70	24-Feb-87	7-Jul-08	7-Jul-08	Final Scheme Award Declared on 20/01/2000
15	TPS No.6 (Majura- Khatodara)	232.08	-	28-Jul-87	31-Aug-87	Major Part Is Implemented
16	TPS No.6 (Piplod)	101.45	29-Dec-87	22-Aug-13		Scheme Sanctioned on 22/08/2013
17	TPS No.6 (Vesu)	74.00	29-Mar-94	22-Jan-14		Scheme Sanctioned on 22/01/2014
18	TPS No. 7 (Anjana)	191.79	-	24-Feb-84	23-Apr-84	Major Part Is Implemented
19	TPS No.7 (VESU-Magdalla)	107.00	24-Aug-94	21-Dec-21		Scheme Sanctioned on 21/12/2021
20	TPS No. 8 (Umarwada)	166.74	-	12-Jan-87	17-Feb-87	Major Part Is Implemented
21	TPS No.8 (Palanpore)	100.00	11-Jun-99	8-Oct-18		Scheme Sanctioned on 8/10/2018
22	TPS No. 9 (Majura)	110.00	-	28-Feb-84	23-Apr-84	Fully Implemented
23	TPS No.9 (Palanpore-Bhesan)	136.00	11-Jun-99	25-Sep-17		Scheme Sanctioned on 25/09/2017
24	TPS No. 10 (Adajan)	113.20	10-Jun-76	30-Mar-90	1-May-90	Scheme Sanctioned on 30/03/1990
25	TPS No.10 (PAL)	140.00	25-Sep-99	11-Aug-14		Scheme Sanctioned on 11/08/2014
26	TPS No. 11 (Adajan)	88.00	10-Jun-76	30-Mar-90	1-May-90	Scheme Sanctioned on 30/03/1990

No.	TPS Name	Area (ha)	Draft Scheme Submitted to Government On	Final Scheme Sanctioned by Government On	Effect From	Remarks
27	TPS No.11 (Puna)	74.00	01-Mar-00	19-Jul-17	-	Scheme Sanctioned on 19/07/2017
28	TPS No. 12 (Adajan)	109.40	10-Jun-76	30-Mar-90	1-May-90	Scheme Sanctioned on 30/03/1990
29	TPS No.13 (Adajan)	155.66	-	30-Dec-05	15-Jan-06	Scheme Sanctioned on 30/12/2005
30	TPS No. 14 (Rander-ADAJAN)	116.60	12-Jan-90	11-Jun-13	11-Jun-13	Scheme Sanctioned on 11/06/2013
31	TPS No.14 (Pal)	100.00	13-Mar-01	28-Jun-13		Scheme Sanctioned on 28/06/2013
32	TPS No.15 (Fulpada)	78.62	29-May-86	19-May-98	22-Jun-98	Scheme Sanctioned on 19/05/1998
33	TPS No.16 (Kapadra)	88.00	29-May-86	16-Dec-97	17-Jan-98	Scheme Sanctioned on 16/12/1997
34	TPS No.16 (Pal)	85.00	13-Mar-01	25-Sep-17		Scheme Sanctioned on 25/09/2017
35	TPS No.17 (Fulpada)	76.60	27-Sep-90	2-Mar-07	3-Apr-07	Scheme Sanctioned on 02/03/2007
36	TPS No.18 (Katargam)	113.56	11-Oct-90	7-Jul-08	7-Jul-08	Scheme Sanctioned on 07/07/2008.
37	TPS No.19 (Katargam)	153.18	24-Sep-98	31-Dec-20		Scheme Sanctioned on 31/12/2020
38	TPS No.19 (Parvat-Magob)	125.00	29-Sep-01	12-May-17		Scheme Sanctioned on 12/05/2017
39	TPS No.20 (Nanavarachha-Kapadra)	107.06	26-Nov-93	20-Feb-07	21-Mar-07	Scheme Sanctioned on 20/02/2007
40	TPS No.21 (Bhestan)	100.00	29-Jun-92	28-Jun-13	28-Jun-13	Scheme Sanctioned on 28/06/2013
41	TPS No.22 (Bhestan)	100.00	29-Jun-92	22-Jan-14		Scheme Sanctioned on 22/01/2014
42	TPS No. 23 (Rander)	79.00	22-Dec-93	22-Jan-14		Scheme Sanctioned on 22/01/2014
43	TPS No.24 (Mota-Varachha-Utran)	168.00	07-Jul-07	08-Aug-19		Scheme Sanctioned on 08/08/2019
44	TPS No.26 (Singanpore)	115.00	27-Feb-96	24-Jan-22		Scheme Sanctioned on 24/01/2022
45	TPS No.29 (Rander)	97.46	07-Sep-98	11-Aug-21		Scheme Sanctioned on 11/08/2021
46	TPS No.30 (Rander)	86.00	7-Sep-98	22-Aug-13		Scheme Sanctioned on 22/08/2013
47	TPS No.31 (Adajan)	75.87	4-Jun-99	25-Sep-12		Scheme Sanctioned on 25/09/2012
48	TPS No.32 (Adajan)	80.12	1-Apr-99	16-Jul-07	17-Aug-07	Scheme Sanctioned on 16/07/2007
49	TPS No.34 (Magob-Dumbhal)	105.00	15-Mar-99	3-Jul-13	3-Jul-13	Scheme Sanctioned on 03/07/2013
50	TPS No.36 (Althan)	98.00	12-Jul-99	20-Feb-07	21-Mar-07	Scheme Sanctioned on 20/02/2007
51	TPS No.36 (Variyav)	114.02	15-Apr-05	12-May-17	-	Scheme Sanctioned on 12/05/2017
52	TPS No.37 (Althan-South)	81.00	18-May-99	7-May-13	-	Scheme Sanctioned on 07/05/2013
53	TPS No.37 (Variyav)	101.49	15-Apr-05	29-Jul-17	-	Scheme Sanctioned on 29/07/2017
54	TPS No.38 (Variyav)	59.34	15-Apr-05	27-May-19	-	Scheme Sanctioned on 27/05/2019
55	TPS No.39 (Udhana-Limbayat)	133.00	26-Apr-00	23-Jun-21	-	Scheme Sanctioned on 23/06/2021
56	TPS No.42 (Bhimrad)	62.00	22-Mar-06	8-Mar-18	-	Scheme Sanctioned on 08/03/2018

No.	TPS Name	Area (ha)	Draft Scheme Submitted to Government On	Final Scheme Sanctioned by Government On	Effect From	Remarks
57	TPS No.43 (Jahangirabad)	91.00	3-Oct-05	16-Dec-20	-	Scheme Sanctioned on 16/12/2020
58	TPS No.43 (Bhimrad)	76.13	22-Mar-06	7-Dec-15	-	Scheme Sanctioned on 07/12/2015
59	TPS No.45 (Jahangirpura-Pisad)	110.00	28-Nov-01	12-Jul-16	-	Scheme Sanctioned on 12/07/2016
60	TPS No.48 (Bhestan)	100.00	09-Sep-00	29-May-17	-	Scheme Sanctioned on 30/05/2017
61	TPS No.53 (Magob Dumbhal)	65.00	06-Aug-99	25-Feb-19	-	Scheme Sanctioned on 25/02/2019
62	TPS No.46 (Jahangirpura)	95.00	21-Jan-03	29-Dec-21	-	Scheme Sanctioned on 29/12/2021
63	TPS No.44 (Jahangirabad)	100.00	05-Jan-01	29-Dec-21	-	Scheme Sanctioned on 29/12/2021
64	TPS No.55 (Bhestan)	105.96	30-Jan-06	21-Oct-22	-	Scheme Sanctioned on 21/10/2022
65	TPS No.30 (Okha-Vanakla-Vihel)	163.89	15-Feb-11	12-Oct-23	-	Scheme Sanctioned on 12/10/2023
66	TPS No.27 (Uttaran-Kosad)	116.47	16-Mar-07	29-May-17	-	Scheme Sanctioned on 29/05/2017
67	TPS No.35 (Katargam)	102.54	11-Feb-99	19-Jun-24	-	Scheme Sanctioned on 19/06/2024
68	TPS No.71(Vadod)	150.84	2-Jan-09	19-Jun-24	-	Scheme Sanctioned on 19/06/2024
69	TPS No.47 (Bhestan)	71.00	15-Sep-00	19-Jun-24	-	Scheme Sanctioned on 19/06/2024
	Total	**7789.53**				

SANCTIONED FINAL TOWN PLANNING SCHEMES

No.	TPS Name	Area (ha)	Draft Scheme Submitted to Government On	Final Scheme Sanctioned by Government On	Effect From	Remarks
1	TPS No 13 (Vesu-Bharthana)	104.00	28-Sep-01	17-Jun-19		Scheme Sanctioned on 27/12/2013
2	TPS No 20 (Puna)	117.00	28-Sep-01			Scheme Sanctioned on 10/06/2019
3	TPS No 22(Sarthana-Valak)	103.48	31-Aug-06			Scheme Sanctioned on 21/10/2022
4	TPS No24 (Tunki)	107.36	06-Jun-95			Scheme Sanctioned on 18/05/2012
5	TPS No 25 (Singanpore-Tunki)	115.50	05-Nov-96			Scheme Sanctioned on.11/05/2012
6	TPS No 28 (Althan-Bhatar)	128.06	27-Feb-97			Scheme Sanctioned on 12/07/2010
7	TPS No 42 (Jahangirabad)	115.00	19-Aug-00			Scheme Sanctioned on.21/07/2018
8	TPS No 54 (Bhestan)	102.40	30-Jan-06			Scheme Sanctioned on.22/05/2020
9	TPS No 40 (Limbayat-Dindoli)	130.00	31-Mar-01			Scheme Sanctioned on 05/08/2022
10	TPS No 27 (Bhatar-Majura)	167.67	27-Feb-97			Scheme Sanctioned on 01/09/2022
11	TPS No 29 (Rundh-Vesu-Magdalla)	123.79	29-Apr-06			Scheme Sanctioned on 21/10/2022

No.	TPS Name	Area (ha)	Draft Scheme Submitted to Government On	Final Scheme Sanctioned by Government On	Effect From	Remarks
12	TPS No 50 (Ved-Katargam)	84.52	12-Sep-06			Scheme Sanctioned on 23/09/2022
13	TPS No 51 (Dabholi)	155.89	12-Sep-06			Scheme Sanctioned on 01/09/2022
14	TPS No 65 (Bharthana-Vesu-Althan)	71.00	7-May-10			Scheme Sanctioned on 04/10/2022
15	TPS No 85 (Sarthana-Pasodra-Laskana)	133.23	2-Jul-15			Scheme Sanctioned on 07/09/2022
16	TPS No 41 (Dindoli)	130.00	27-Dec-02			Scheme Sanctioned on 01/09/2022
17	TPS No 15 (Pal)	104.00	13-Mar-01			Scheme Sanctioned on 02/11/2022
18	TPS No 49 (Katargam)	184.30	3-Aug-02			Scheme Sanctioned on 02/11/2022
19	TPS No 57 (Pandesara)	82.90	7-Dec-06			Scheme Sanctioned on 13/02/2023
20	TPS No 84 (Kosad-Bharthana Kosad-Mota Varachha-Abrama)	335.00	2-Jul-15			Scheme Sanctioned on 22/02/2024
	Total	**2595.10**				

DRAFT TOWN PLANNING SCHEMES

No.	TPS Name	Area (ha)	Draft Scheme Submitted to Government On	Draft Scheme Sanctioned by Government On	Preliminary Scheme Submitted to Government on	Remarks
1	TPS No .5 (Vesu-Bhimrad)	108.00	28-Sep-01	6-Feb-04		Draft Scheme Sanctioned on 06/02/2001
2	TPS No .12 (Puna)	79.00	1-Mar-00	27-Jul-00		Draft Scheme Sanctioned on 27/07/2000
3	TPS No .17 (Puna)	94.00	13-Mar-01	27-Jun-02		Draft Scheme Sanctioned on 27/06/2002
4	TPS No .18 (Mota-Varachha)	90.00	14-Jun-01	20-Jan-03		Draft Scheme Sanctioned on 20/01/2003
5	TPS No .21 (Sarthana-Simada)	149.50	22-Mar-06	27-Apr-07	23-Oct-19	Draft Scheme Sanctioned on 27/04/2007
6	TPS No .23 (Kosad)	66.00	15-Jan-02	4-Feb-03		Draft Scheme Sanctioned on 04/02/2003
7	TPS No .25 (Mota-Varachha)	185.61	7-Jul-07	20-Dec-10		Draft Scheme Sanctioned on 20/12/2010
8	TPS No .26 (Abhva)	165.55	5-Sep-07	30-Jul-13		Draft Scheme Sanctioned on 30/07/2013
9	TPS No .28 (Rundh-Vesu)	83.08	29-Apr-06	27-Apr-07		Draft Scheme Sanctioned on 27/04/2007
10	TPS No .31 (Gaviyar-Magdalla)	126.63	30-Jun-06	11-May-12		Draft Scheme Sanctioned on 11/05/2012
11	TPS No .32 (Gaviyar-Vanta-Dumas)	94.00	30-Jun-06	15-Oct-08	26-Jun-20	Draft Scheme Sanctioned on 15/10/2008
12	TPS No .33 (Dumbhal)	110.00	8-Feb-99	21-Jan-00		Preliminary Scheme Refused to Sanctioned

No.	TPS Name	Area (ha)	Draft Scheme Submitted to Government On	Draft Scheme Sanctioned by Government On	Preliminary Scheme Submitted to Government on	Remarks
13	TPS No .33 (Talangpor-Umber)	198.06	25-Feb-11	30-Jul-13		Draft Scheme Sanctioned on 30/07/2013
14	TPS No .34 (Pali-Schin-Kansad)	216.67	25-Feb-11	30-Jul-13		Draft Scheme Sanctioned on 30/07/2013
15	TPS No .38 (Nana Varachchha)	116.00	26-Apr-00	11-Apr-01		Draft Scheme Sanctioned on 11/04/2001
16	TPS No .39 (Variyav)	99.59	20-Dec-06	14-Sep-07		Draft Scheme Sanctioned on 14/09/2007
17	TPS No .46 (Gothan-Bharthana-Kosad-Variyav)	365.18	10-Aug-12	5-Feb-15		Draft Scheme Sanctioned on 05/02/2015
18	TPS No .50 (Bhatha-Bet)	104.23	30-Sep-13	7-Feb-17		Draft Scheme Sanctioned on 07/02/2017
19	TPS No .52 (Ved)	116.36	12-Sep-06	15-Oct-08		Draft Scheme Sanctioned on 15/10/2008
20	TPS No .56 (Bamroli)	179.82	7-Dec-06	27-Jun-08		Draft Scheme Sanctioned on 27/06/2008
21	TPS No .58 (Bamroli)	297.35	13-May-15	25-Sep-17		Draft Scheme Sanctioned on.25/09/2017
22	TPS No .58 (Valak)	86.50	30-Jun-13	2-Mar-16		Draft Scheme Sanctioned on 02/08/2016
23	TPS No .59 (Unn)	336.72	2-Jan-13	17-Dec-13		Draft Scheme Sanctioned on 17/12/2013
24	TPS No .59 (Pardi Kande-Schin-Kansad)	227.50	10-Jun-15	18-Aug-17		Draft Scheme Sanctioned on 18/08/2017
25	TPS No .60 (Puna)	174.45	16-Sep-08	23-Jun-10		Draft Scheme Sanctioned on 23/06/2010
26	TPS No .61 (Parvat-Godadara)	291.00	18-May-09	12-Jul-11		Draft Scheme Sanctioned on 12/07/2011
27	TPS No .62 (Dindoli-Bhestan-Bhedwad)	296.30	7-May-10	2-Jul-12		Draft Scheme Sanctioned on 02/07/2012
28	TPS No .63 (Vadod)	194.35	2-Jan-09	12-Jul-11		Draft Scheme Sanctioned on 12/07/2011
29	TPS No .64 (Dumbhal -Magob)	114.00	18-May-09	12-Jul-11	20-Dec-19	Draft Scheme Sanctioned on 12/07/2011
30	TPS No .66 (Kosad-Variyav)	281.17	16-Sep-08	12-Jul-11		Draft Scheme Sanctioned on 12/07/2011
31	TPS No .67 (Jiav-Sonari-Gabheni)	345.94	3-Oct-12	26-Aug-13		Draft Scheme Sanctioned on 26/08/2013
32	TPS No .68 (Puna-Simada)	154.49	1-Dec-08	30-Mar-12		Draft Scheme Sanctioned on 30/03/2012
33	TPS No .69 (Godadara-Dindoli)	312.49	18-May-09	12-Jul-11		Draft Scheme Sanctioned on 12/07/2011
34	TPS No .70 (Chhaparabhatha-Amroli-Kosad-Utaran)	317.19	3-Jan-09	22-Feb-13		Draft Scheme Sanctioned on 22/02/2013
35	TPS No .72 (Bamroli)	174.48	13-May-15	25-Sep-17		Draft Scheme Sanctioned on dt.25/09/2017
36	TPS No .73 (Utaran)	41.91	20-Feb-09	1-May-12		Draft Scheme Sanctioned on 01/05/2012
37	TPS No .74 (Pal)	58.00	3-Jan-09	11-May-12		Draft Scheme Sanctioned on 11/05/2012
38	TPS No .75 (Vesu-Magadalla-Gaviar-Abhva)	173.00	25-Jun-12	26-Aug-13		Draft Scheme Sanctioned on 26/08/2013
39	TPS No .76 (Dumas-Vanta-Gaviar)	344.26	3-Nov-10	22-Feb-13		Draft Scheme Sanctioned on 22/02/2013
40	TPS No .77 (Dumas-Bhimpor-Gaviar)	219.60	20-Mar-10	1-May-12		Draft Scheme Sanctioned on 01/05/2012

No.	TPS Name	Area (ha)	Draft Scheme Submitted to Government On	Draft Scheme Sanctioned by Government On	Preliminary Scheme Submitted to Government on	Remarks
41	TPS No .78 (Dumas-Bhimpor-Gaviar)	239.00	20-Mar-10	1-May-12		Draft Scheme Sanctioned on 01/05/2012
42	TPS No .79 (Sultanabad-Bhimpor)	214.26	20-Mar-10	1-May-12		Draft Scheme Sanctioned on 01/05/2012
43	TPS No .80 (Sultanabad-Bhimpor)	321.75	20-Mar-10	11-May-12		Draft Scheme Sanctioned on 11/05/2012
44	TPS No .81 (Dumas)	234.89	20-Mar-10	11-May-12		Draft Scheme Sanctioned on 11/05/2012
45	TPS No .82 (Dumas)	255.41	20-Mar-10	1-Oct-12		Draft Scheme Sanctioned on 01/10/2012
46	TPS No .83 (Variyav-Kosad)	262.32	2-Jul-15	25-Apr-16		Draft Scheme Sanctioned on 25/04/2016
47	TPS No 91 (Vesu)	136.04	6-Jan-24	14-Mar-24		Draft Scheme Sanctioned on 14/03/2024
	Total	**8851.65**				

DRAFT TOWN PLANNING SCHEMES SUBMITTED TO GOVERNMENT FOR APPROVAL

No.	Name	Area (Ha)	Date of Consultation	Date of Intention	Public Meeting Held on	Published on	Draft Submitted to Government on
1	TPS No 86 (Kosad)	202.33	27-Jul-22	15-Oct-22	19-Jun-23	10-Oct-23	6-Jan-24
2	TPS No 87 (Gabheni)	204.10	27-Jul-22	15-Oct-22	26-Jun-23	10-Oct-23	6-Jan-24
3	TPS No 88 (Variav)	195.94	27-Jul-22	15-Oct-22	19-Jun-23	10-Oct-23	6-Jan-24
4	TPS No 90 (Sarsana)	143.58	26-Jul-22	15-Oct-22	23-Jun-23	10-Oct-23	6-Jan-24
5	TPS No 92 (Simada-Kosmada)	164.69	25-Nov-22	30-Jan-23	11-Dec-23	20-Jan-24	5-Mar-24
6	TPS No 93 (Pal-Palanpur-Bhatha)	220.40	25-Nov-22	30-Jan-23	11-Dec-23	20-Jan-24	4-Mar-24
	Total	**1131.04**					

ANNEXURE 2.2 | Operational Characteristics of GSRTC at State Level

No.	Parameter	2017-18	2018-19	2019-20	2020-21	2021-22
1	Avg. Schedules Operated per Day	6284	6680	6865	5137	5813
	Growth Rate	-	*6.3%*	*2.8%*	*-25.2%*	*13.2%*
2	Avg. Vehicles on Road	6494	6882	7038	5754	5954
	Growth Rate	-	*6.0%*	*2.3%*	*-18.2%*	*3.5%*
3	Average Vehicle Utilization (km/day)	453	453	459	446	452
	Growth Rate	-	-	*1.3%*	*-2.8%*	*1.3%*
4	Total Traffic Earnings (INR in Lakh)	208653	220594	230209	123350	205425
	Growth Rate	-	*5.7%*	*4.4%*	*-46.4%*	*66.5%*
5	Passenger Travelled ('000)	1969	2038	2096	1104	1619
	Growth Rate	-	*3.5%*	*2.8%*	*-47.3%*	*46.6%*
6	Km obtained per Liter of Diesel	5.27	5.33	5.47	5.55	5.50
	Growth Rate	-	*1.1%*	*2.6%*	*1.5%*	*-0.9%*
7	Fleet Utilization	88.45	85.58	80.8	68.61	71.82
	Growth Rate	-	*-3.2%*	*-5.6%*	*-15.1%*	*4.7%*

ANNEXURE 2.3 | Operational Characteristics of City Bus Service in Study Area

NORMAL SCHEDULE

No.	Route No	Route Name	No of Buses	No of Trips	Revenue KM	Non-Revenue KM	Peak Hour Frequency (Min)
1	104	Railway Station Terminal - Saniya Kande	12	216	2257.2	171.84	8
2	105/505/505C	Railway Station-Chikuwadi/Bamroli - Budiya Gaam	18	291	4022	262.69	8
3	112	Railway Station-Kosad Gaam	13	219	2555	63.9	8
4	117/117P	Railway Station-Suman Jyot EWS/Suman Jyot(Via Palanpur Depot)	16	223	3429	139.2	12
5	118	Railway Station - Sayan Railway Station	13	147	2704.3	120.28	12
6	136	Railway Station - Airport	9	140	2520	153.8	12
7	204	Chowk-Raj Empire Godadara	8	138	1794	114.2	12
8	206	Chowk-CK Pithawala Eng. College	3	42	1050	34.2	35
9	213	Dabholi Gaam - Sarthana Nature Park	13	130	2307.5	296	12
10	217/217M	Makkai Pool - Bhesan Gaam/Bhesan Gaam (Via Mora Bhagal)	4	72	771.4	100	30
11	254	Katargam-Limbayat	14	165	2744.5	350	10
12	302/302V	Kharwarnagar - Dabholi Gam/ Ved Gaam	4	70	796	100	24
13	305	Kharwar Nagar - Unn Industrial Estate	7	98	1185.8	63.1	10
14	315/315B/315G	Kharwar Nagar - Bhestan Garden/(Via Bamroli)/(Via Gopalak)	5	97	1161.8	45.75	26
15	402	Parvat Patiya-Mansarovar Circle	9	124	1755.5	98	10
16	403	SMC Ward Office Limbayat-Sankalp Residency	11	132	1782	303	12
17	413	Nilgiri Circle Limbayat To Sarthana Nature Park	5	72	1117	160	30
18	504	Amazia Amusement-Bhestan Garden	8	110	1760	25.1	12
19	506	Dindoli-VNSG University	8	104	1560	144	15
20	658	Adajan GSRTC - Icchapor	13	142	2579.4	104.26	12
21	706	Isckon Circle - VNSGU	11	132	2112	312	12

No.	Route No	Route Name	No of Buses	No of Trips	Revenue KM	Non-Revenue KM	Peak Hour Frequency (Min)
22	716	Gail Colony Vesu - Jahangirpura	10	106	2385	185	15
23	903	Pasodara - Yogi Chowk	5	72	827	152	30
24	102R	Railway Station - Moti Ved(Via Ring Road)	4	93	730.2	64	20
25	103K/103V/103S	Railway Station - Kathor Gaam/Velanja Gaam/Shekhpur Gaam	13	171	3508	271	10
26	106R	Railway Station - Abhava Gaam(Via Ring Road)	14	166	3237	256.4	10
27	107J	Railway Station - Vivekanand College(Via Chandra Shekhar Azad Bridge)	22	285	4477.2	248.67	6
28	108J	Railway Station - Lalwatalaav Olpad ((Via Chandra Shekhar Azad Bridge)	10	108	2499	124.8	16
29	116R/116BR	Railway Station - Khajod Gam(Via Ring Road)/Via Bhimrad Gaam	10	138	2131.5	144	12
30	126R	Railway Station - VNSG. University(Via Ri	12	194	2618	182.32	8
31	127J	Railway Station - Rander Gaam(Via Chandra Shekhar Azad Bridge)	3	66	689.7	37.6	22
32	137J	Railway Station - Variav Gaam(Via Chandra Shekhar Azad Bridge)	9	148	2295	109	12
33	147J	Railway Station - Green City Bhatta (Via Chandra Shekhar Azad Bridge)	4	72	864	90	16
34	153R	Umra Gaam - Kapodra(Via Ring Road)	11	132	2178	146.7	12
35	202J	Chowk-Akhand Anand Society(Via Chandra Shekhar Azad Bridge)	12	184	2116	101	10
36	205K/205G	Chowk Terminal - Lajpore Jail/Gabheni Gaam	17	170	3278.6	186.2	10
37	207E	Chowk Terminal-Vaishnodevi Sky	4	72	684	46.2	30
38	209J	Dr SP Mukher Br-Vrukshlaxmi Soc(Via Chandra S	13	156	3120	277.34	10
39	212J	Chowk Terminal - Variav Gam(Via Chandra Sjekhar Azad Bridge)	11	162	2916	110.2	10
40	216B/K	Chowk-Bhimpore/Kaadi Faliya Dumas	9	98	1964.9	102.6	25
41	226J	Kosad Gam - VNSG University(Via Chandra Shekhar Azad Bridge)	13	130	2730	68	12
42	410A	Utran Station - Utran Station (Anti-Clockwise)	5	53	1060	50	15
43	410C	Utran Station - Utran Station (Clockwise)	5	53	1060	50	15
44	1	Adajan GSRTC Loop (Clockwise)	5	75	1071	80	10
45	2	Adajan GSRTC. Loop (Anti-Clockwise)	5	75	1071	80	10

CURRENT SCHEDULE

No.	Route No	Route Name	No of Buses	No of Trips	Revenue KM	Non-Revenue KM	Peak Hour Frequency (Min)
1	104	Railway Station Terminal - Saniya Kande	12	219	2289.2	178.68	8
2	105/505/505C	Railway Station-Chikuwadi/Bamroli - Budiya Gaam	16	257	3532	242.29	8
3	112	Railway Station-Kosad Gaam	9	150	1802	54	16
4	117/117P	Railway Station-Suman Jyot EWS/Suman Jyot(Via Palanpur Depot)	7	98	1491	132	20
5	118	Railway Station - Sayan Railway Station	7	96	1714.6	24.04	15
6	136	Railway Station - Airport	5	70	1260	80	20
7	204	Chowk-Raj Empire Godadara	5	90	1170	102.2	20
8	206	Chowk-CK Pithawala Eng. College	3	42	1050	60	35
9	213	Dabholi Gaam - Sarthana Nature Park	7	70	1242.5	160	24
10	217/217M	Makkai Pool - Bhesan Gaam/Bhesan Gaam (Via Mora Bhagal)	2	36	390.7	50	60
11	254	Katargam - Limbayat	8	95	1580.1	194	20
12	302/302V	Kharwarnagar - Dabholi Gam/ Ved Gaam	2	36	405	40	60
13	305	Kharwar Nagar - Unn Industrial Estate	6	84	1016.4	47.4	10
14	315/315B/315G	Kharwar Nagar - Bhestan Garden/(Via Bamroli)/(Via Gopalak)	3	97	1161.8	31.9	26
15	402	Parvat Patiya-Mansarovar Circle	5	68	963.1	58	20
16	403	SMC Ward Office Limbayat-Sankalp Residency	6	72	972	176	12
17	413	Nilgiri Circle Limbayat - Sarthana Nature Park	2	29	450	66	60
18	504/504S	Amazia Amusement-Bhestan Garden	4	55	985	12.55	24
19	506/506D	Dindoli-VNSG University	4	52	949	74	30
20	658	Adajan GSRTC - Icchapor	1	14	146	32	60
21	706	Isckon Circle - VNSGU	6	72	1152	160	24
22	716	Gail Colony Vesu - Jahangirpura	10	106	2385	185	15
23	903	Pasodara - Yogi Chowk	5	72	827	86	30

No.	Route No	Route Name	No of Buses	No of Trips	Revenue KM	Non-Revenue KM	Peak Hour Frequency (Min)
24	102R	Railway Station - Moti Ved(Via Ring Road)	4	93	730.2	64	20
25	103K/103V/103S	Railway Station - Kathor Gaam/Velanja Gaam/Shekhpur Gaam	13	171	3508	271	10
26	106R/106S	Railway Station - Abhava Gaam(Via Ring Road)/Shree Saraswati Mahavidyalaya	8	96	1872	190	20
27	107J	Railway Station - Vivekanand College(Via Chandra Shekhar Azad Bridge)	10	129	1990.1	146	12
28	108J	Railway Station - Lalwatalaav Olpad ((Via Chandra Shekhar Azad Bridge)			ROUTE CLOSE		
29	116R/116BR	Railway Station - Khajod Gam(Via Ring Road)/Via Bhimrad Gaam	10	142	2193.3	200	12
30	126R	Railway Station - VNSG University(Via Ri	4	64	864	128	24
31	127J	Railway Station - Rander Gaam(Via Chandra Shekhar Azad Bridge)	1	22	229.9	16	60
32	137J	Railway Station - Variav Gaam(Via Chandra Shekhar Azad Bridge)	7	108	1675	91	12
33	147J	Railway Station - Green City Bhatta (Via Chandra Shekhar Azad Bridge)	2	36	432	40	60
34	153R	Umra Gaam - Kapodra(Via Ring Road)	6	72	1188	120	24
35	202J	Chowk-Akhand Anand Society(Via Chandra Shekhar Azad Bridge)	5	76	874	94	30
36	205K/205G/205S	Chowk Terminal - Lajpore Jail/Gabheni Gaam/Sachin Railway Station	15	150	2924.6	182.8	10
37	207E	Chowk Terminal-Vaishnodevi Sky	2	36	342	40	60
38	209J	Dr SP Mukher Br-Vrukshlaxmi Soc(Via Chandra S	7	84	1680	180	20
39	212J	Chowk Terminal - Variav Gam(Via Chandra Sjekhar Azad Bridge)	8	118	2124	116	15
40	216B/K	Chowk-Bhimpore/Kaadi Faliya Dumas	6	66	1323.3	120	35
41	226J	Kosad Gam - VNSG University(Via Chandra Shekhar Azad Bridge)	7	70	1470	93.16	15
42	410A	Utran Station - Utran Station (Anti-Clockwise)	3	32	640	30	30
43	410C	Utran Station - Utran Station (Clockwise)	3	32	640	30	30
44	1	Adajan GSRTC Loop (Clockwise)	4	60	856.8	64	20
45	2	Adajan GSRTC. Loop (Anti-Clockwise)	4	60	856.8	64	20

ANNEXURE 2.4 | Operational Characteristics of BRT System in Study Area

NORMAL SCHEDULE

No.	Route No	Route Name	No of Buses	No of Trips	Revenue KM	Non-Revenue KM	Peak Hour Frequency (Min)
1	11	Udhana-Sachin GIDC	17	365	3669.5	405	5
2	12	ONGC-Sarthana Nature Park	28	328	6632.6	549	4
3	13	Jahangirpura Community Hall-Kadodara	32	289	6492	247	6
4	14	ONGC Colony - Kosad EWS H2	31	323	6509.4	215	6
5	16	Kosad Depot-Sachin GIDC	44	427	9367	263.82	5
6	18	Railway Station-Utran Rob	6	112	763	96	15
7	19	Railway Station-Kadodara	21	298	4031	222	10
8	20	Kharwar Nagar-Kosad	12	168	2352	96	10
9	21	Jahangirpura Community Hall - Althan Terminal	38	292	7752.6	64	5
10	22	Kosad EWS H2 - Sarthana Nature Park BRTS	9	179	2058	46	12
11	15AA	Althan Depot - Althan Depot (Anticlockwise)	21	147	4410	0	5
12	15CC	Althan Depot - Althan Depot (Clockwise)	21	157	4470	59	5
13	17A	Kamrej Terminal - Pal RTO	32	295	6826	449	5
14	17AE	Kamrej Terminal - Sachin Railway Station	34	242	7438.8	523	8

CURRENT SCHEDULE

No.	Route No	Route Name	No of Buses	No of Trips	Revenue KM	Non-Revenue KM	Peak Hour Frequency (Min)
1	11	Udhana-Sachin GIDC	15	306	3075.3	104.15	5
2	12	ONGC-Sarthana Nature Park	36	407	6220.2	234	4
3	13	Jahangirpura Community Hall-Kadodara	28	249	5676	223	6
4	14	ONGC Colony - Kosad EWS H2	29	305	6077.4	207	6
5	16	Kosad Depot-Sachin GIDC	39	372	7665	348.5	6
6	18	Railway Station-Utran Rob	4	110	748	64	15
7	19	Railway Station-Kadodara	15	212	2874	155	10
8	20	Kharwar Nagar-Kosad	12	168	2352	168	10
9	21	Jahangirpura Community Hall - Althan Terminal	32	244	6478.2	64	5
10	22	Kosad EWS H2 - Sarthana Nature Park BRTS	7	139	1598	38	12
11	15AA	Althan Depot - Althan Depot (Anticlockwise)	18	121	3630	0	8
12	15CC	Althan Depot - Althan Depot (Clockwise)	18	131	3690	59	8
13	17A	Kamrej Terminal - Pal RTO	32	295	6826	449	5
14	17AE	Kamrej Terminal - Sachin Railway Station	29	207	6317	426	8

ANNEXURE 2.5 | List of Paid Parking Sites in Study Area

No	Zone		Location	Type	Ground Covg. (sqm)
1	CZ	1	Opp. Chauta Bazar Sai Baba Temple	Multilevel	720
2	CZ	2	Opp. Maskati Hospital	Multilevel	699
3	CZ	3	Opp. Nanpura Pumping Station	Multilevel	497
4	CZ	4	Opp. Khansaheb Delo - Multilevel Parking	Multilevel	1507
5	CZ	5	Gopitalav	Multilevel	841
6	CZ	6	At Rangupvan, Gandhibaug	Multilevel	117
7	CZ	7	Near ChautaPul - Ward No 11; Nondh 38	Open Plot	21
8	CZ	8	Near Lalget - Ward No 12; Nondh 939,941 to 946	On Street	15
9	CZ	9	Opp. Gumbajwali Mosque, Near A-One Coco	Open Plot	121
10	CZ	10	Mahila Vidhyalay, Gopipura	On Street	96
11	CZ	11	Opp. Rustampura Ward Office - Ward No 02;	On Street	287
12	CZ	12	Opp. Rustampura Agiyari - Ward No 02; Nondh No 41 to 43	On Street	562
13	CZ	13	Gopitalav	Open Plot	2109
14	CZ	14	Gopitalav	Open Plot	1686
15	CZ	15	Gopitalav	Open Plot	4355
16	CZ	16	Majura and Kadiwala Junction	Under Flyover	4218
17	CZ	17	Under Delhi Gate Fly Over Bridge	Under Flyover	19317
18	CZ	18	Under Dr. Babasaheb Ambedkar Flyover Bridge	Under Flyover	2918
19	CZ	19	Majura Gate to Sub Jail Junction	Under Flyover	3129
20	CZ	20	Ekta Textile Market to Kohinoor Textile House	On Street	1738
21	CZ	21	Japan Market to Belgium Tower	On Street	796
22	CZ	22	Rajhans Empire to Mulchand Market	On Street	610
23	CZ	23	Millenium Market to Textile Chowki	On Street	458
24	CZ	24	Rajhans Building to Sundarm Building	On Street	970
25	CZ	25	Vanita Vishram Sports Ground	On Street	1164
26	CZ	26	Gopitalav	On Street	310
27	CZ	27	Saiyedpura Main Road	On Street	5001
28	CZ	28	Nanpura New Road	On Street	1602
29	SEZ	1	TPS NO 8 (Umarwada), FP NO 147	Multilevel	6109
30	SEZ	2	TPS 07(Anjana)-FP NO-77, Near Raghukul Market	Open Plot	1336
31	SEZ	3	TPS 08(Umarwada)-FP NO-146, Near Millenium Market	Open Plot	1265
32	SEZ	4	TPS 08(Umarwada)-FP NO-143, Rajkumar Petrol Pump	Open Plot	3487
33	SEZ	5	TPS 08(Umarwada)-FP NO-150, Near Sagar Market	Open Plot	2659
34	SEZ	6	TPS 34(Magob-Dumbhal)-FP NO-56, Fruitmarket Space	Open Plot	3520
35	SEZ	7	Anjana Flyover Bridge, TPS NO 7 (Umarwada)	Under Flyover	9091
36	SEZ	8	Salasar Hanuman Marg	On Street	556
37	SZ	1	Center Point to Sosiyo Circle	On Street	3895

No	Zone		Location	Type	Ground Covg. (sqm)
38	SZ	2	Udhna Darwaja to Satyanagar	On Street	1803
39	SWZ	1	Valentine Cine Vision, Dumas Road, Surat; TPS 3, FP 76	Open Plot	6953
40	SWZ	2	Near Indor Stadium, Athwa Umra; TPS 5-FP No M-6	Open Plot	5380
41	SWZ	3	TPS. NO. 28(Althan-Bhatar), FP 122	Open Plot	1475
42	SWZ	4	Near Rundhnath Mahadev Temple; TPS NO 3, FP 68	Open Plot	2385
43	SWZ	5	Opp. RahulRaj Mall; TPS No 3, FP NO 78	Open Plot	5095
44	SWZ	6	Under Sosiyo Circle Fly Over Bridge - Udhna Magdalla Road	Under Flyover	6521
45	SWZ	7	Under Parle Point Junction Fly Over, Dumas Road, Surat	Under Flyover	17229
46	SWZ	8	Under Bhatar Char Rasta Fly Over	Under Flyover	9591
47	SWZ	9	Kargil Chowk to RahulRaj Mall & RahulRaj Mall to Y-Junction Road	On Street	17351
48	SWZ	10	RahulRaj Mall to DMD Party Plot	On Street	6023
49	SWZ	11	Dumas Road Opp VR Mall	On Street	4473
50	EZ	1	Mini Bazar; TPS NO 4(Ashwinikumar), FP NO. M-5	Multilevel	3915
51	EZ	2	Near Sardar Smriti Bhavan; TPS NO 4(Ashwinikumar), FP NO. M-3	Multilevel	26637
52	EZ	3	Shubhash Nagar	Multilevel	2686
53	EZ	4	Thakordwar Society	Open Plot	396
54	EZ	5	Near Gayatri Society; TPS NO 03, FP NO 108	Open Plot	4241
55	EZ	6	Shree Punjan Recidency, Kiran Chowk Rd, Yogi Chowk Ground	Open Plot	1550
56	EZ	7	TPS NO 16(Kapodra), FP NO 44(Local Commercial Center)	Open Plot	8043
57	EZ	8	Kangaroo Junction, Surat Bardoli Main Road	Under Flyover	8112
58	EZ	9	Budheshwar Mahadev to Archana School	Under Flyover	1782
59	EZ	10	Vishwakarma Junction	Under Flyover	6587
60	EZ	11	Parvat Patiya Junction, Surat Bardoli Main Road	Under Flyover	6298
61	EZ	12	Under Shrinathaji Flyover, Varaccha Main Road	Under Flyover	33440
62	EZ	13	Opp. New Bomay Market, Near New Bridge of Global Textile Market	Under Flyover	1170
63	EZ	14	Under Sitanagar Flyover Bridge, Puna Gam	Under Flyover	5758
64	EZ	15	Dharukawala Mahila Arts College	Under Flyover	5385
65	WZ	1	In Adajan, near gujarat gas circle, under the flyover bridge	Under Flyover	952
66	WZ	2	Opp Star bazar, under the flyover bridge	Under Flyover	2009
67	WZ	3	Bhulka Bhavan	Under Flyover	632
68	WZ	4	RTO Pal	On Street	1617
69	NZ	1	T.P.S 18 (Katargam), F.P 12, Multilevel parking	Multilevel	1230
70	NZ	2	Under the flyover bridge, Katargam main road	Under Flyover	5457
71	NEZ	1	TPS NO 38 (Nana Varacha), Near Nana Varacha Flyover	Open Plot	919
72	NEZ	2	Savji Korat Junction, Nana Varaccha to Sarthana	Under Flyover	41658
73	NEZ	3	Sarthana Nature Park	Open Plot	265
74	NEZ	4	Maharana Pratap Garden	On Street	207

ANNEXURE 2.6 | List of EV Charging Infrastructure Locations

No.	Zone	Location
1	Central Zone	Central Zone Fly-Over Bridge, Pillar No. 35, Ring Road
2		Open Plot beside Gopi-Talav Multi Level Parking, Navsari Bazar
3		Open Plot Near School No. 81, Una Pani Road, Lal Darwaja
4		Muglisara Multi Level Parking
5		Below Delhi Gate FOB , Opp. Relax Inn Hotel
6		Below Fly Over Bridge, Opp. Man Darwaja Fire Station, Ring Road
7	East Zone-A	Multilevel Parking beside Sardar Smruti Bhavan, Varachha
8		Shayama Prasad Mukhrji Community Hall, Parvat Patiya
9		TP - 20 (Puna), FP-182, Kiran chowk
10		SMIMER Hospital, Near Staff Quarters
11	East Zone-B	Below Fly Over Bridge, Opp. Nana Varachha Health Center, Nana Varachha
12		Sarthana Nature Park, Near Sarthana Jakat Naka, Surat Kamrej Road
13		Block no 120, Hare Krishna Village, Simada Check Post
14		Mota Varachha Lake Garden, Near Kabrasthan, Ramchowk, Mota Varachha
15		Moon Garden Parking Area, Utran
16	North Zone	Open Plot near Causeway, Katargam
17		Katargam Community Hall, Vasta Devi Road, Katargam
18		Kansanagar Sports Ground, Near Katargam Lake Garden, Katargam
19		SMC Health Club, Ved Road
20		North Zone Office, Surat Municipal Corporation, Behind Gajera School
21		Below Katargam Bridge, Balashram Near Paras Chowki, Pilar No-2
22	South East Zone	Muli-Level Parking, Behind Millenium Textile Market, Umarwada
23		South East Zone Office, SMC, Model Town Road, Dumbhal
24		SMC Party Plot, Opp. Ruturaj Textile Market, Near ITM Building, Godadra
25	South West Zone	Below Parley Point Bridge, Surat Dumas Road
26		Open Plot at T.P. 3, F.P. 76, near Valentine Theatre, Opp. Central Mall, Dumas Road
27		Parking Area of Night Food Plaza, Behind Lake view Garden, Piplod
28		Below Anu-Vrat Dwar Fly-Over Bridge, Udhana Magdalla Road
29		Vesu Fire Station, VIP road, Vesu
30		Open Plot at TP 28, R-14, Near Lalbhai Contractor Stadium
31		Althan BRTS Bus Depo, Althan
32		Opp. Airport Surat, Dumas Road Surat
33		Udhana Magdalla Road T.P.28 (Althan-Bhatar), F.P.99, Open Plot.
34		Beside Chopati, Open Plot for Parking
35		Open Plot T.P. 1, F.P. 182, near S.D. Jain School, Beside Sai Kutir Society
36		Dream City Parking Area, Diamond Bourse, Khajod
37		Open Plot beside Rajhans Montessa, Dumas Road
38	South Zone	Open Plot at TP- 58, FP -201 near D -Mart, Pandesara
39		Moje Bhedwad, Pramukh park Industrial estate
40		TP-48,FP 79,Jiav Budia Road, Opp.NFI Garden, Bhestan

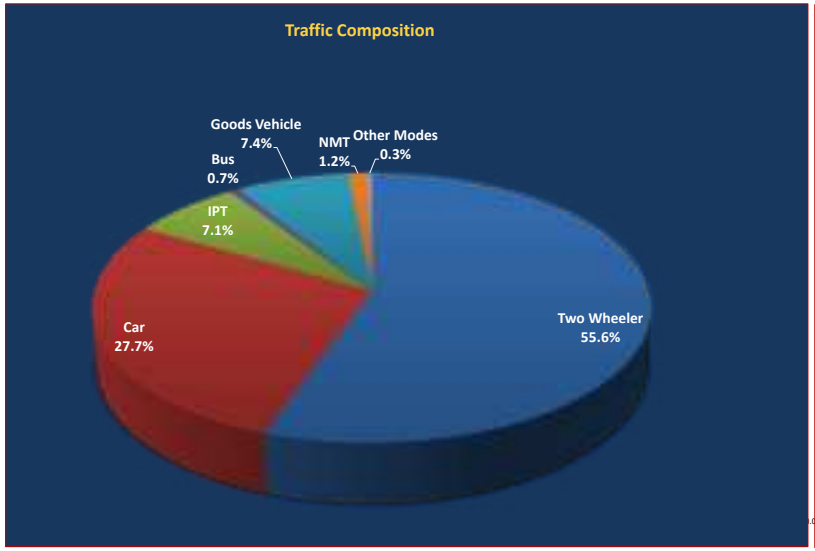
No.	Zone	Location
41		Open Plot beside Surati - I lab, TP-1, FP-79.
42		Jahangirpura Community Hall Parking Area
43		Adajan Sports Complex, Opp. Atman Park, Near L.P. Savani Road, Adajan
44		Below Star bazar bridge, Surat Hazira Road, Adajan
45		Jyotindra Dave Udhyan, Opp. Jogani Nagar, Honey Park Road, Adajan
46	West Zone	Open Plot beside Palanpore BRTS Bus Depot, Palanpore
47		Sanjeevkumar Auditorium, Behind Rajhans Cinema ,Pal
48		Opp D Mart (Jhangirpura), TP - 44, FP - 31
49		Open Plot,Sidhdhchakra Residency, Opp. Fortune Mall, Near Galaxy Circle, Adajan
50		Open Plot Beside D Mart-Adajan

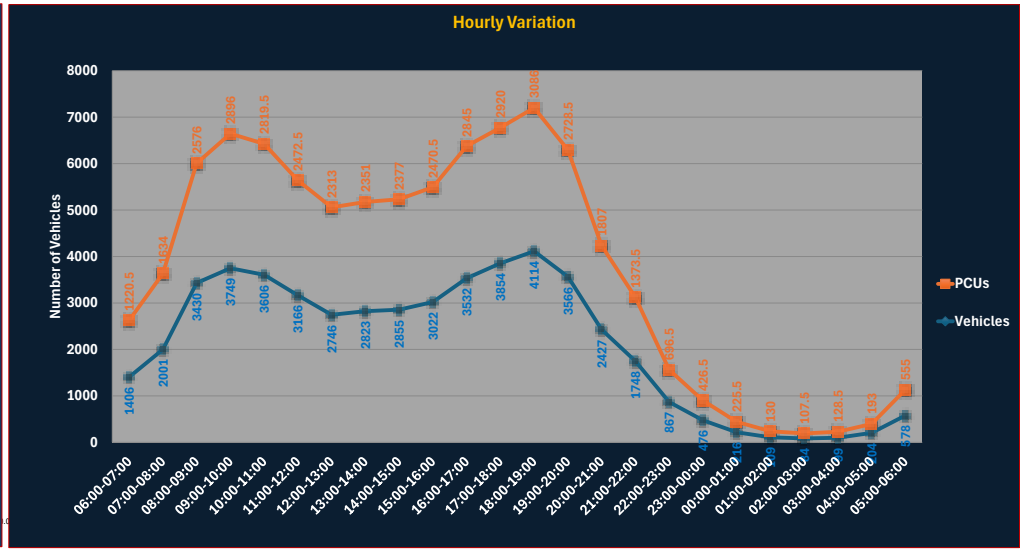
CHAPTER 3
ANNEXURES



3.1 | CLASSIFIED TRAFFIC VOLUME COUNTS AT CORDONS

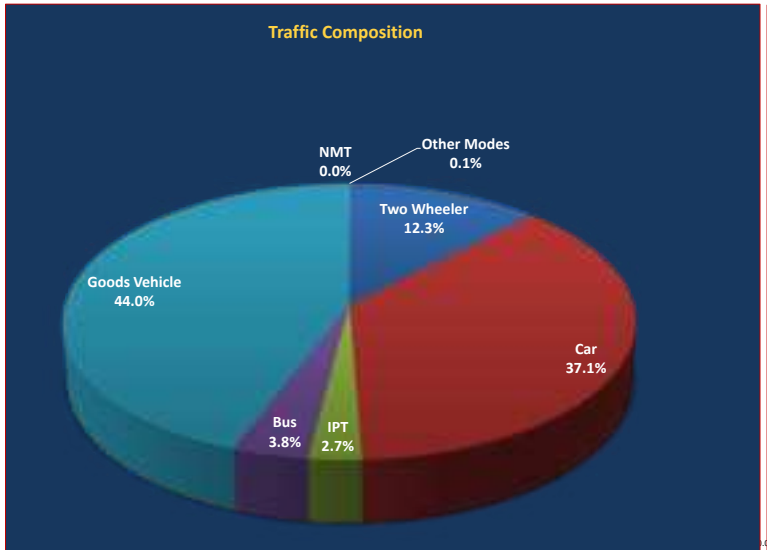
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	SH-6 and SH-167 Junction, Near Asnabad										Type of Screenline:	Junction Count				Date:	21/8/2024						
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Olpad to SH-6 and SH-167 Junction	5,502	155	1,621	-	-	12,076	7	124	15	-	-	35	1	34	36	140	785	112	999	47	240	25	21	21,975	17,945
Sayan to SH-6 and SH-167 Junction	1,153	6	445	-	-	2,971	-	4	7	-	-	7	-	17	14	31	179	61	294	19	41	8	17	5,274	4,337
Adajan to SH-6 and SH-167 Junction	7,016	210	1,524	2	1	13,136	11	97	15	-	-	29	-	40	16	103	415	103	355	23	263	47	23	23,429	18,071
Total	**13,671**	**371**	**3,590**	**2**	**1**	**28,183**	**18**	**225**	**37**	**-**	**-**	**71**	**1**	**91**	**66**	**274**	**1,379**	**276**	**1,648**	**89**	**544**	**80**	**61**	**50,678**	**40,353**

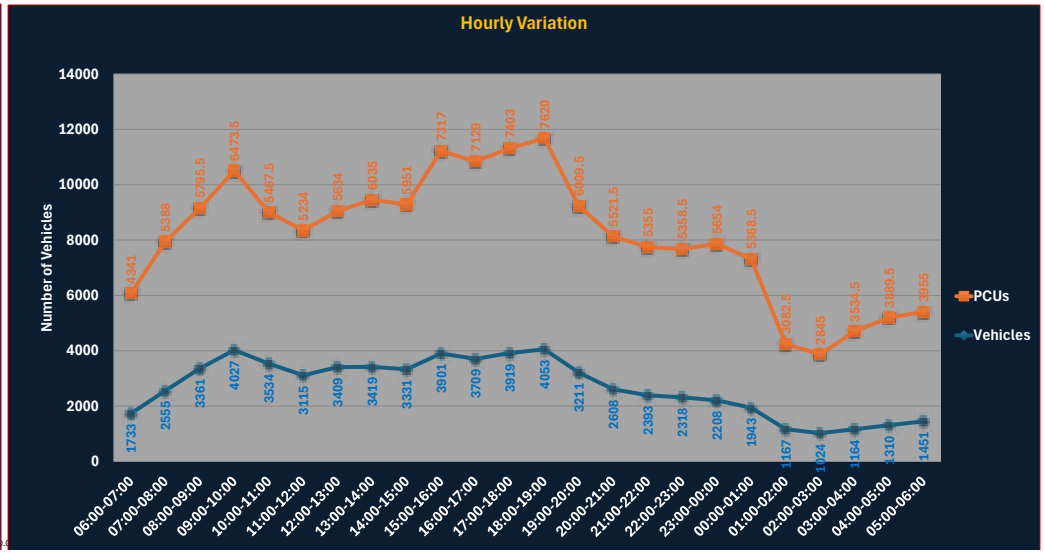




3.1 | CLASSIFIED TRAFFIC VOLUME COUNTS AT CORDONS

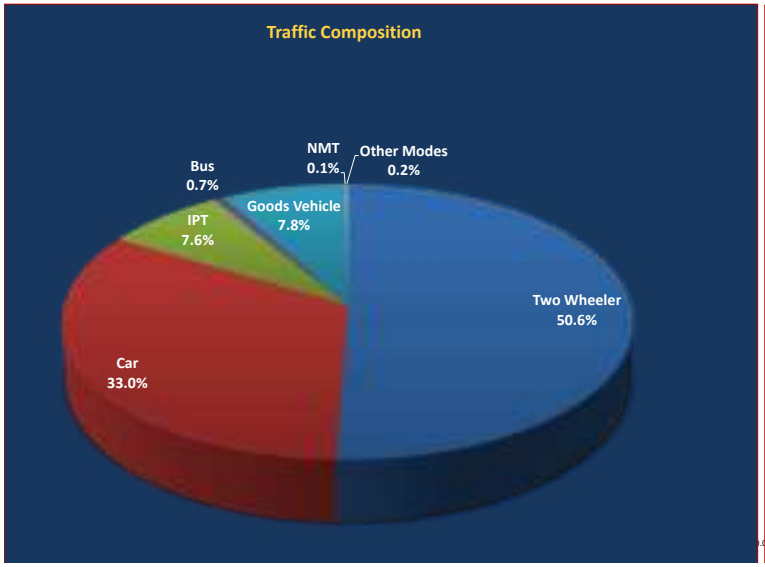
Revision of Comprehensive Mobility Plans (CMP) For Surat City																							
Name of the Road/Location:	NH-48, Golden Quadrilateral Road, Near Pipodara										Type of Screenline:	Mid Block Count					Date:	8/27/2024					
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised				
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others	Total Vehicles	Total PCUs
Bharuch to Navsari	13,401	66	954	220	1	4,841	34	273	844	-	-	16	43	734	637	7,833	4,256	128	746	17	-	6	7	35,057	67,751
Navsari to Bharuch	10,539	33	548	-	-	3,149	95	235	925	-	-	24	1	3,753	687	6,051	3,149	61	537	8	-	-	11	29,806	62,612
Total	**23,940**	**99**	**1,502**	**220**	**1**	**7,990**	**129**	**508**	**1,769**	**-**	**-**	**40**	**44**	**4,487**	**1,324**	**13,884**	**7,405**	**189**	**1,283**	**25**	**-**	**6**	**18**	**64,863**	**130,362**

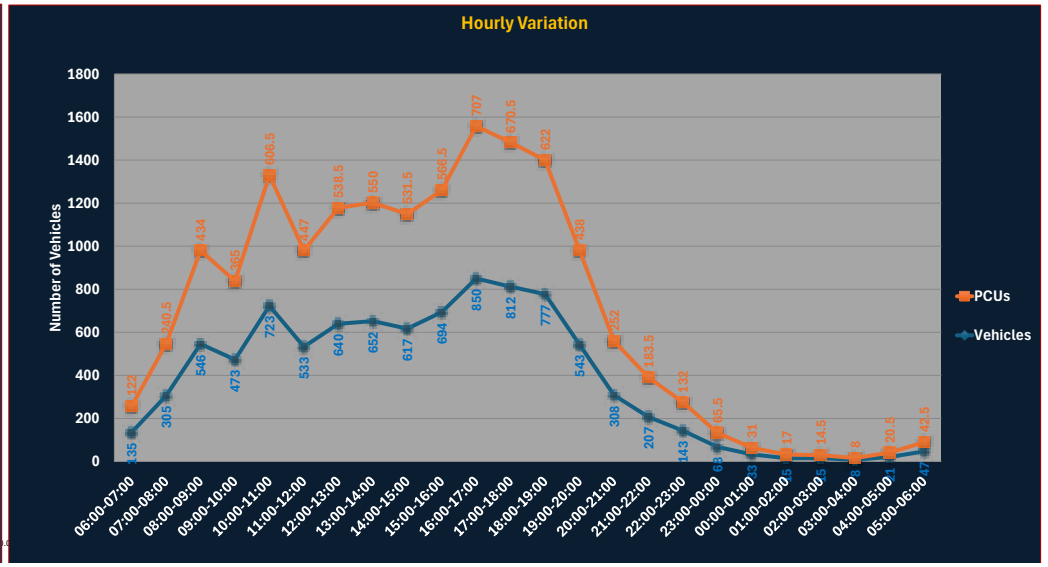




3.1 | CLASSIFIED TRAFFIC VOLUME COUNTS AT CORDONS

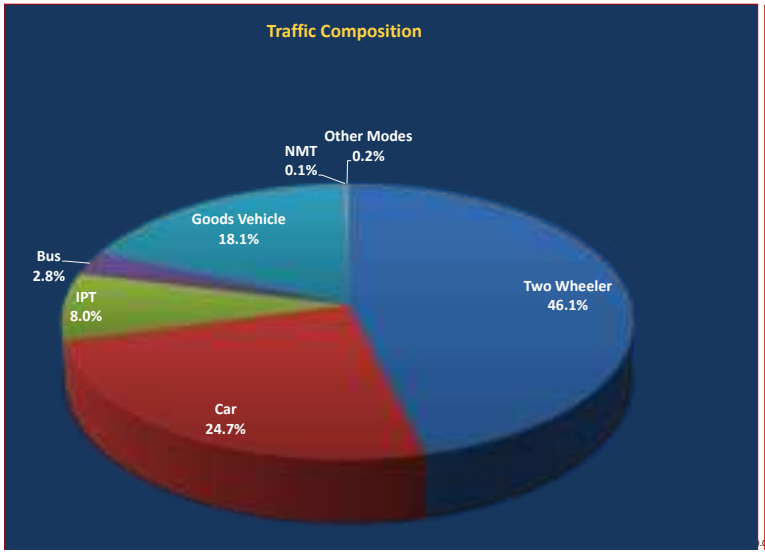
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	SH-167, Near Netrang										Type of Screenline:	Mid Block Count				Date:	20/8/2024						
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others	Total Vehicles	Total PCUs
Digas to Kamrej	1,373	8	364	-	-	2,631	3	10	6	-	-	6	2	21	3	20	191	25	235	4	2	3	-	4,907	3,988
Kamrej to Digas	1,560	86	337	-	-	2,007	6	16	5	-	-	13	-	48	13	23	48	23	61	5	1	-	6	4,258	3,618
Total	**2,933**	**94**	**701**	**-**	**-**	**4,638**	**9**	**26**	**11**	**-**	**-**	**19**	**2**	**69**	**16**	**43**	**239**	**48**	**296**	**9**	**3**	**3**	**6**	**9,165**	**7,606**

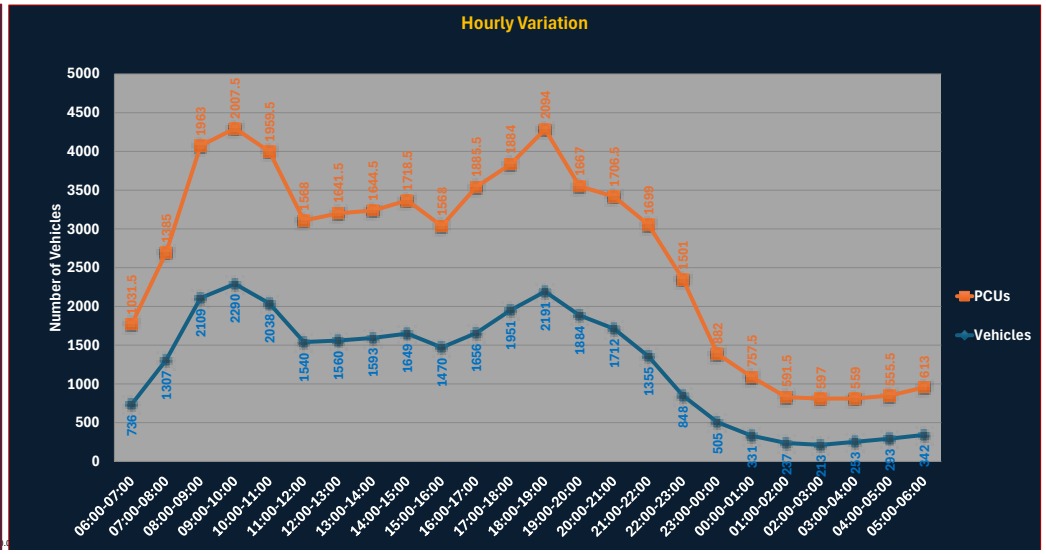




3.1 | CLASSIFIED TRAFFIC VOLUME COUNTS AT CORDONS

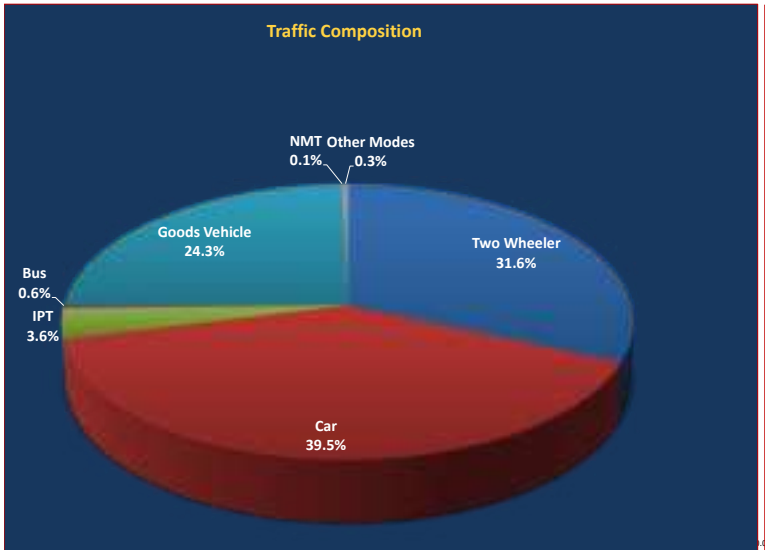
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Surat-Bardoli Road, Near Dastan Fatak Bridge										Type of Screenline:	Mid Block Count					Date:	22/8/2024						
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised				
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others	Total Vehicles	Total PCUs
Bardoli to Kadodara	4,090	47	1,011	12	92	7,094	16	280	110	-	-	22	1	82	37	738	820	100	413	12	12	2	5	14,996	15,774
Kadodara to Bardoli	3,270	31	1,198	-	84	6,771	9	212	148	-	-	32	3	354	226	896	1,258	96	434	9	13	3	20	15,067	17,706
Total	**7,360**	**78**	**2,209**	**12**	**176**	**13,865**	**25**	**492**	**258**	**-**	**-**	**54**	**4**	**436**	**263**	**1,634**	**2,078**	**196**	**847**	**21**	**25**	**5**	**25**	**30,063**	**33,480**

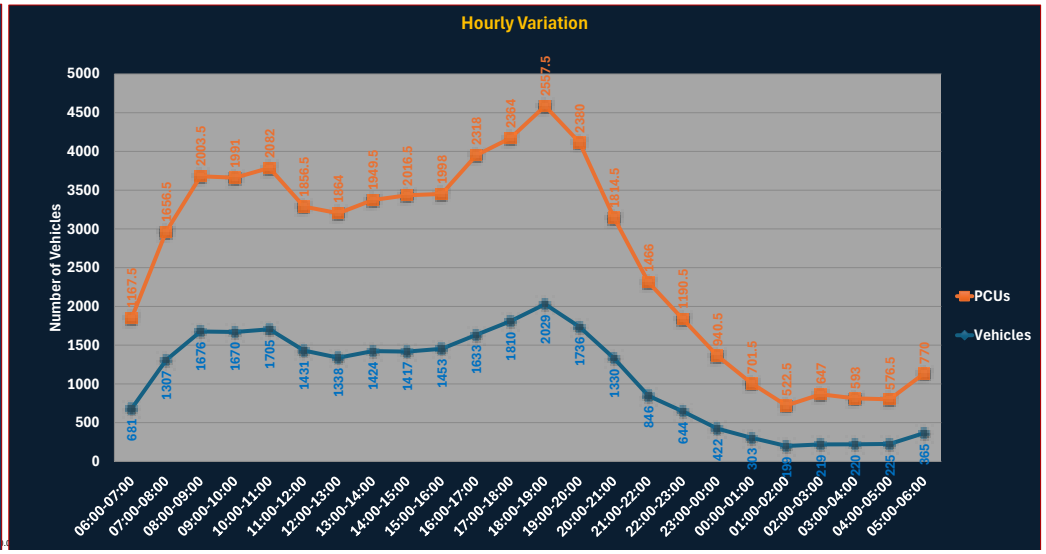




3.1 | CLASSIFIED TRAFFIC VOLUME COUNTS AT CORDONS

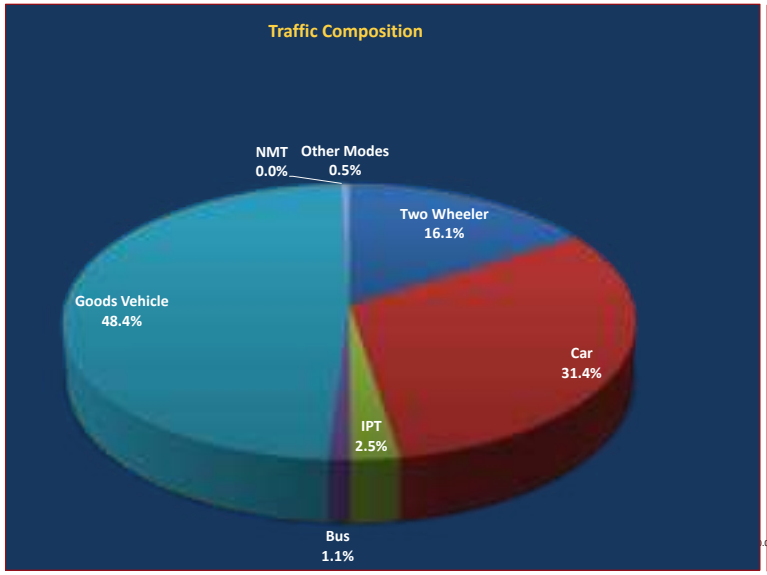
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	NH-53, Surat- Songadh Road, Near Ghaluda										Type of Screenline:	Mid Block Count				Date:	23/8/2024							
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised				
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others	Total Vehicles	Total PCUs
Bardoli to Palsana	5,134	339	500	-	24	4,547	14	17	20	-	-	29	-	546	433	1,578	479	71	251	14	11	3	39	14,049	19,924
Palsana to Bardoli	4,571	260	409	-	-	3,690	13	30	16	-	-	7	-	647	453	1,328	218	66	276	14	14	1	21	12,034	17,503
Total	**9,705**	**599**	**909**	**-**	**24**	**8,237**	**27**	**47**	**36**	**-**	**-**	**36**	**-**	**1,193**	**886**	**2,906**	**697**	**137**	**527**	**28**	**25**	**4**	**60**	**26,083**	**37,427**

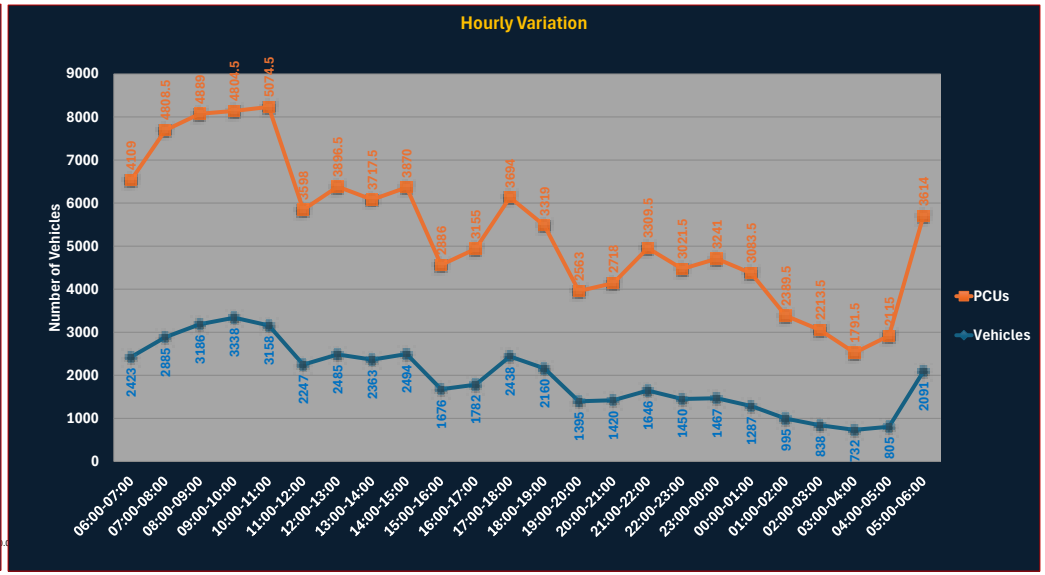




3.1 | CLASSIFIED TRAFFIC VOLUME COUNTS AT CORDONS

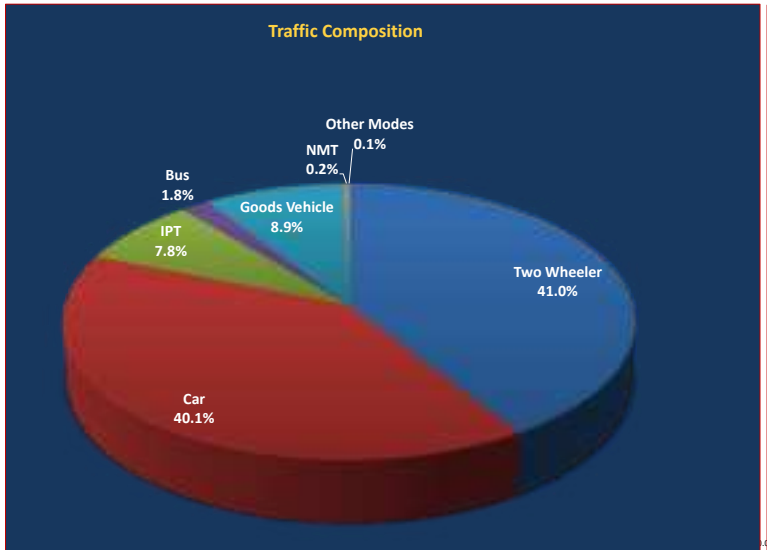
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	NH-48, Golden Quadrilateral Road, Near Makhinga										Type of Screenline:		Mid Block Count					Date:	28/8/2024					
Type of Vehicle	Passenger Vehicles												Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Palsana to Navsari	7,386	120	705	-	-	4,179	9	3	169	-	-	8	16	1,954	1,290	3,076	4,298	73	856	97	-	-	4	24,243	42,733
Navsari to Palsana	7,086	69	410	32	1	3,368	76	49	159	-	-	8	16	1,113	925	2,920	5,259	90	792	127	2	-	16	22,518	39,149
Total	**14,472**	**189**	**1,115**	**32**	**1**	**7,547**	**85**	**52**	**328**	**-**	**-**	**16**	**32**	**3,067**	**2,215**	**5,996**	**9,557**	**163**	**1,648**	**224**	**2**	**-**	**20**	**46,761**	**81,882**

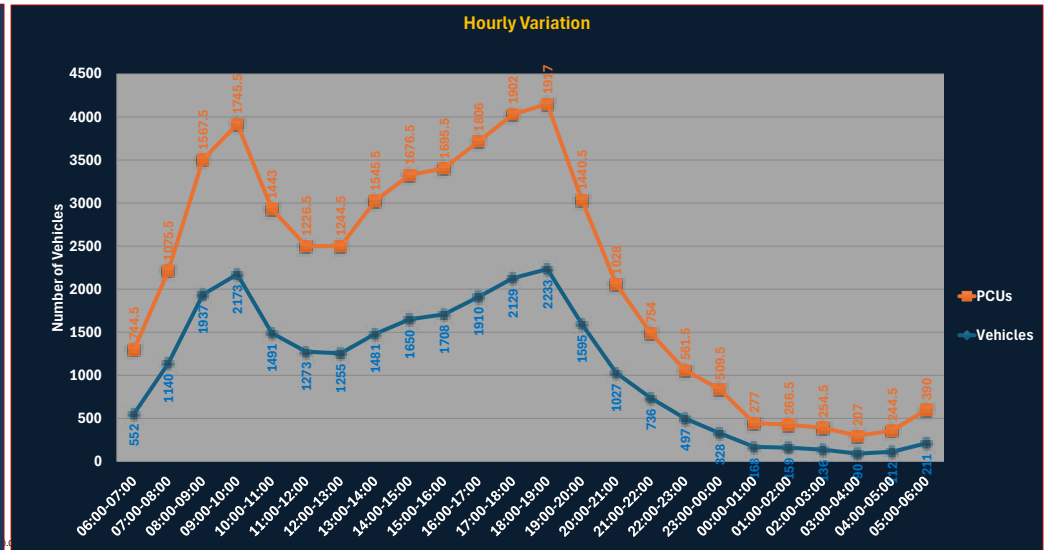




3.1 | CLASSIFIED TRAFFIC VOLUME COUNTS AT CORDONS

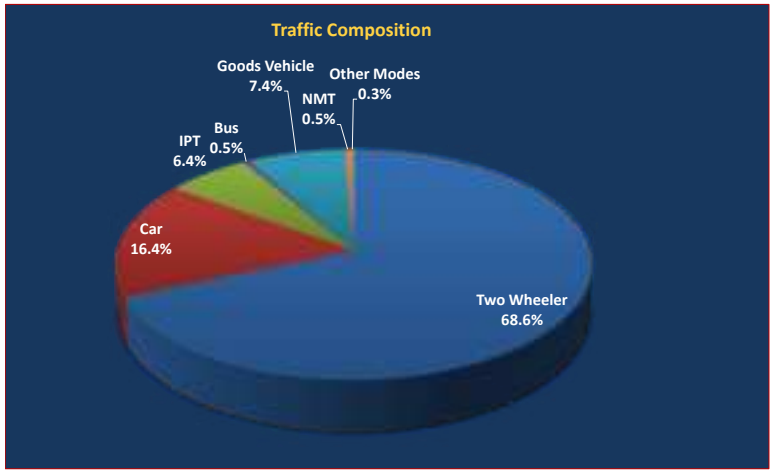
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	SH-6, Surat-Navsari Road, Near Kapletha										Type of Screenline:	Mid Block Count				Date:	26/8/2024							
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised				
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others	Total Vehicles	Total PCUs
Navsari to Sachin	4,238	135	962	-	-	4,738	29	152	18	-	-	14	1	37	49	332	409	52	166	6	21	2	12	11,373	11,059
Sachin to Navsari	5,961	83	1,076	1	-	5,916	30	153	68	-	-	11	2	49	28	521	377	51	246	6	28	4	7	14,618	14,464
Total	**10,199**	**218**	**2,038**	**1**	**-**	**10,654**	**59**	**305**	**86**	**-**	**-**	**25**	**3**	**86**	**77**	**853**	**786**	**103**	**412**	**12**	**49**	**6**	**19**	**25,991**	**25,523**

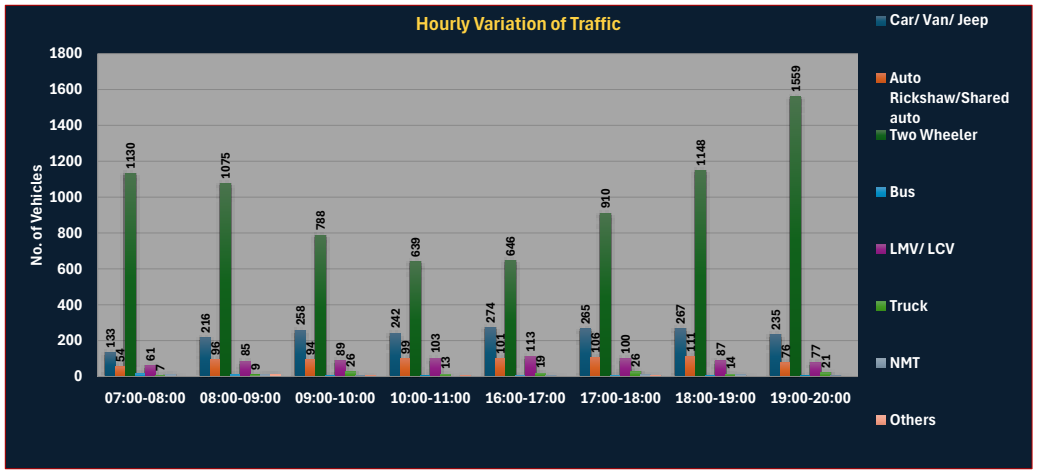




3.2 | SUMMARY OF CVC AT SCREENLINES

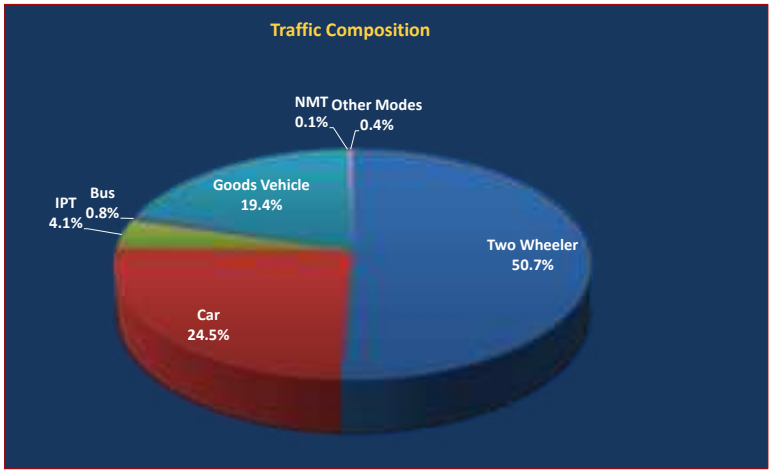
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	SH-167, Near Sayan Railway Station (RoB)										Type of Screenline:	Screenline Count				Date:	14/8/2024							
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Velanja to Sayan	821	29	347	6	1	3,540	4	-	2	6	1	17	-	21	9	31	89	54	216	14	23	4	5	5,240	3,902
Sayan to Velanja	1,007	33	379	4	-	4,355	2	4	5	1	-	20	-	20	8	46	72	48	236	5	23	2	5	6,275	4,553
Total	**1,828**	**62**	**726**	**10**	**1**	**7,895**	**6**	**4**	**7**	**7**	**1**	**37**	**-**	**41**	**17**	**77**	**161**	**102**	**452**	**19**	**46**	**6**	**10**	**11,515**	**8,454**

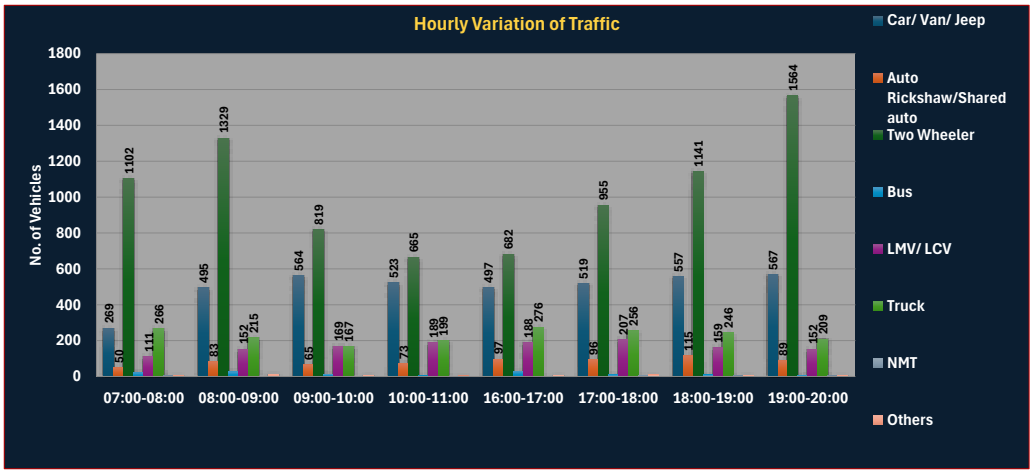




3.2 | SUMMARY OF CVC AT SCREENLINES

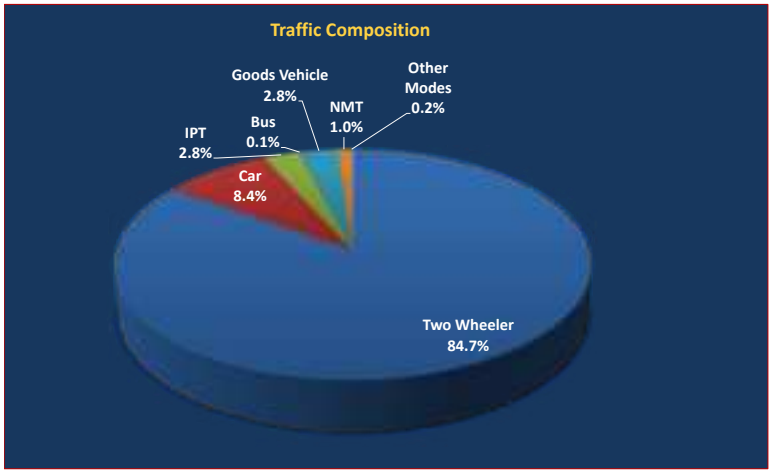
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Velanja-Gothan Road, Near Gothangam Railway Station (RoB)										Type of Screenline:	Screenline Count						Date:	14/8/2024					
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Velanja to Gothan	1,837	44	353	-	2	4,188	19	-	6	6	-	13	10	30	71	769	221	60	371	9	10	1	19	8,039	9,023
Gothan to Velanja	2,087	23	313	-	-	4,069	19	1	4	8	2	33	5	28	78	858	254	51	370	11	7	3	18	8,242	9,467
Total	**3,924**	**67**	**666**	**-**	**2**	**8,257**	**38**	**1**	**10**	**14**	**2**	**46**	**15**	**58**	**149**	**1,627**	**475**	**111**	**741**	**20**	**17**	**4**	**37**	**16,281**	**18,490**

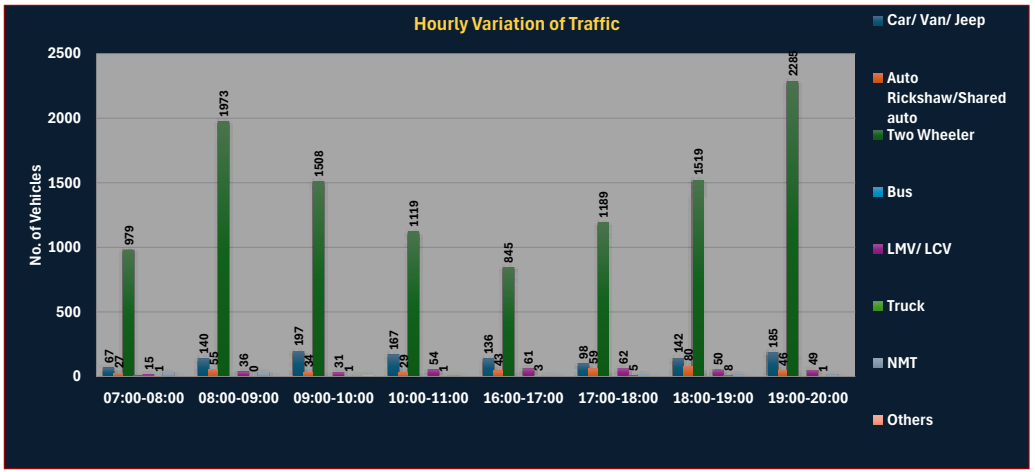




3.2 | SUMMARY OF CVC AT SCREENLINES

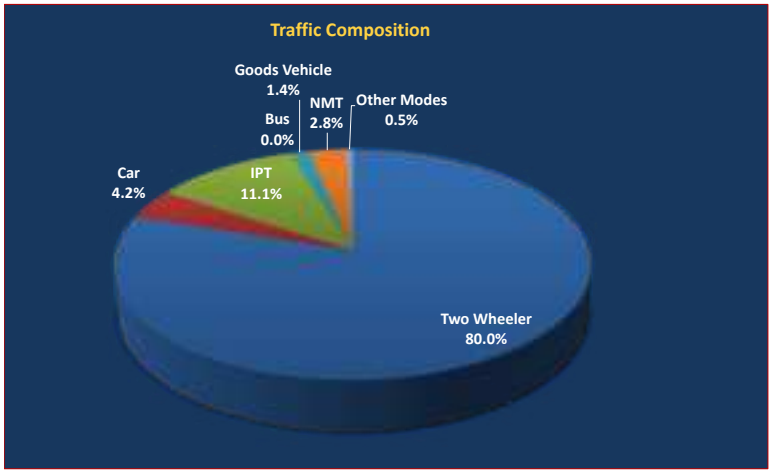
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Mota Varachha-Kosad Road (RuB)										Type of Screenline:	Screenline Count					Date:	14/8/2024						
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Mota Varachha to Kosad Road	588	22	175	-	4	6,306	1	-	-	-	-	10	-	-	7	3	38	47	99	10	47	7	1	7,365	5,919
Kosad Road to Mota Varachha	504	18	192	1	1	5,111	-	-	-	-	-	5	-	1	1	8	18	42	114	12	58	19	3	6,108	4,962
Total	**1,092**	**40**	**367**	**1**	**5**	**11,417**	**1**	**-**	**-**	**-**	**-**	**15**	**-**	**1**	**8**	**11**	**56**	**89**	**213**	**22**	**105**	**26**	**4**	**13,473**	**10,881**

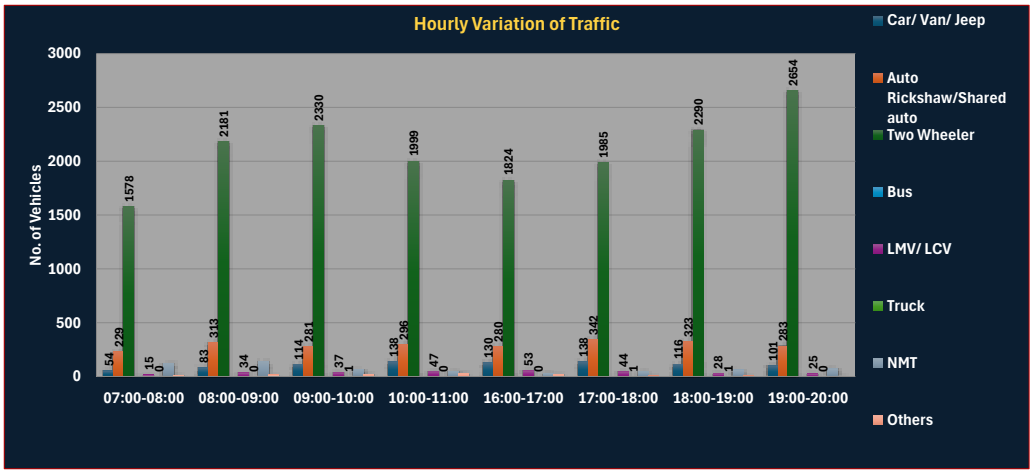




3.2 | SUMMARY OF CVC AT SCREENLINES

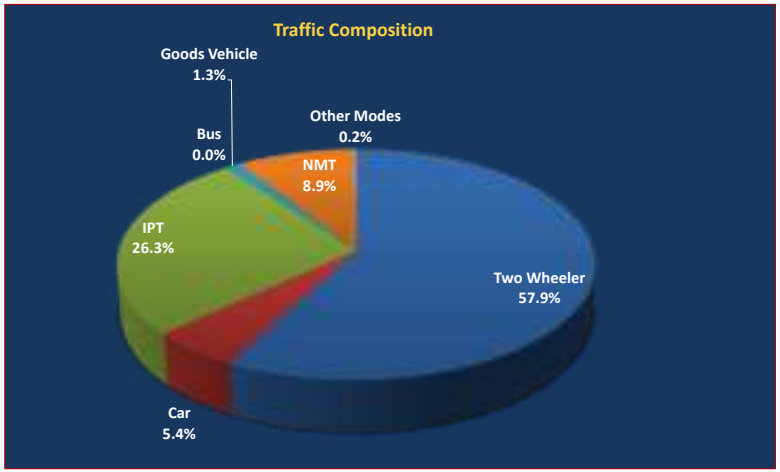
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Green Road, Amroli-Uttran Bridge (RoB)										Type of Screenline:	Screenline Count						Date:	14/8/2024					
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Uttran to Amroli	406	6	1,062	-	1	7,815	-	-	-	-	-	2	-	1	-	-	10	70	48	2	259	5	32	9,719	8,753
Amroli to Uttran	443	19	1,284	-	-	9,026	1	-	-	1	-	1	-	2	-	-	2	89	64	1	329	5	74	11,341	10,300
Total	**849**	**25**	**2,346**	**-**	**1**	**16,841**	**1**	**-**	**-**	**1**	**-**	**3**	**-**	**3**	**-**	**-**	**12**	**159**	**112**	**3**	**588**	**10**	**106**	**21,060**	**19,053**

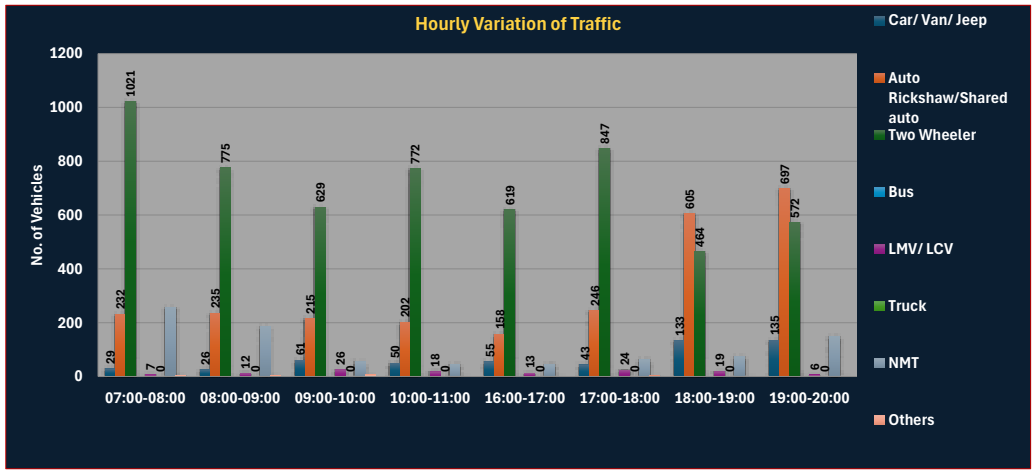




3.2 | SUMMARY OF CVC AT SCREENLINES

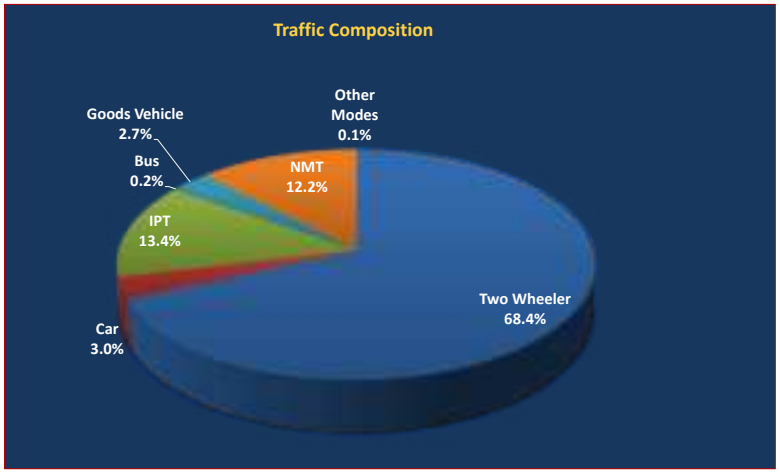
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Utran Road, Near Raiway Station (RuB)										Type of Screenline:	Screenline Count						Date:	14/8/2024					
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised				
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others	Total Vehicles	Total PCUs
Uttran to Amroli	149	242	711	-	1,084	2,568	-	-	-	-	-	-	-	-	-	-	-	35	39	3	542	3	4	5,380	6,272
Amroli to Uttran	134	7	794	-	1	3,131	-	-	-	-	-	-	-	-	-	-	1	26	24	2	329	3	11	4,463	4,328
Total	**283**	**249**	**1,505**	**-**	**1,085**	**5,699**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1**	**61**	**63**	**5**	**871**	**6**	**15**	**9,843**	**10,600**

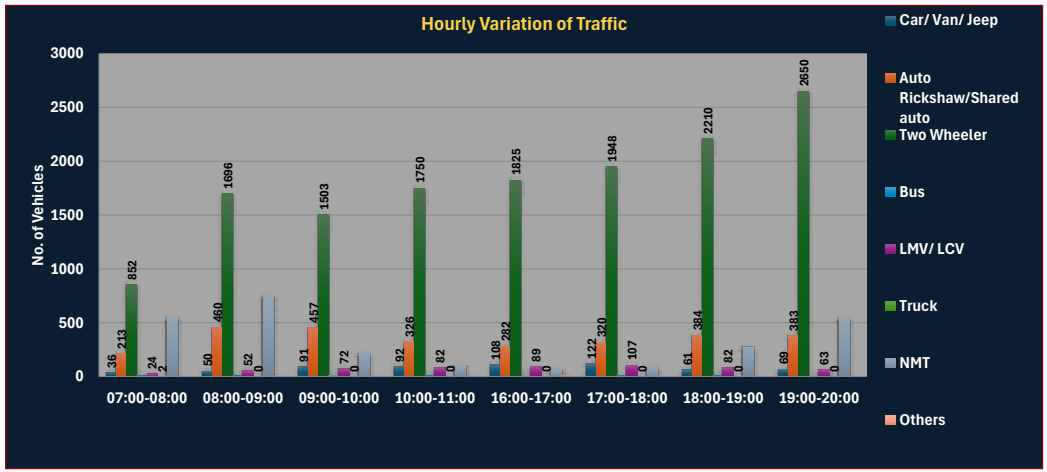




3.2 | SUMMARY OF CVC AT SCREENLINES

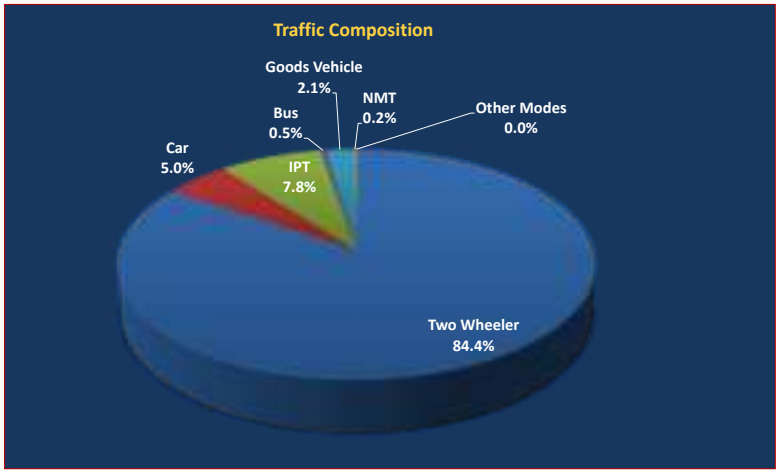
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Ashwini Kumar Road (RuB)										Type of Screenline:	Screenline Count					Date:	14/8/2024						
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Dharam Nagar to Patel Nagar	317	32	1,417	1	1	7,820	3	14	16	-	-	4	-	-	-	1	6	185	108	4	1,364	30	5	11,328	10,266
Patel Nagar to Dharam Nagar	262	18	1,402	2	2	6,614	5	5	1	-	-	2	-	-	-	1	5	165	102	5	1,174	14	3	9,782	9,058
Total	**579**	**50**	**2,819**	**3**	**3**	**14,434**	**8**	**19**	**17**	**-**	**-**	**6**	**-**	**-**	**-**	**2**	**11**	**350**	**210**	**9**	**2,538**	**44**	**8**	**21,110**	**19,324**

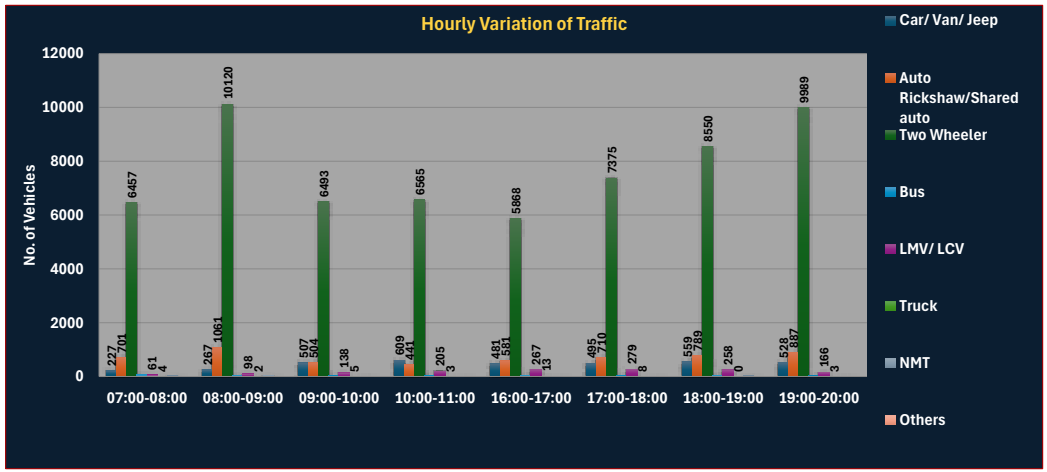




3.2 | SUMMARY OF CVC AT SCREENLINES

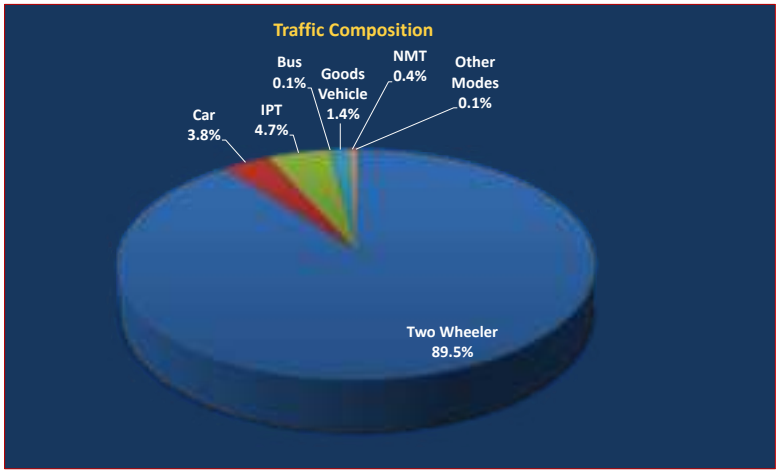
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Pramukhswami Over Bridge (RoB)												Type of Screenline:	Screenline Count					Date:	14/8/2024				
Type of Vehicle	Passenger Vehicles												Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Dharam Nagar to Patel Nagar	1,810	14	2,371	8	-	32,130	10	-	29	-	106	14	-	3	11	12	168	358	232	10	74	1	10	37,371	31,204
Patel Nagar to Dharam Nagar	1,830	19	3,295	-	-	29,287	7	5	17	12	112	28	-	6	6	-	53	330	331	2	60	-	2	35,402	30,475
Total	**3,640**	**33**	**5,666**	**8**	**-**	**61,417**	**17**	**5**	**46**	**12**	**218**	**42**	**-**	**9**	**17**	**12**	**221**	**688**	**563**	**12**	**134**	**1**	**12**	**72,773**	**61,679**

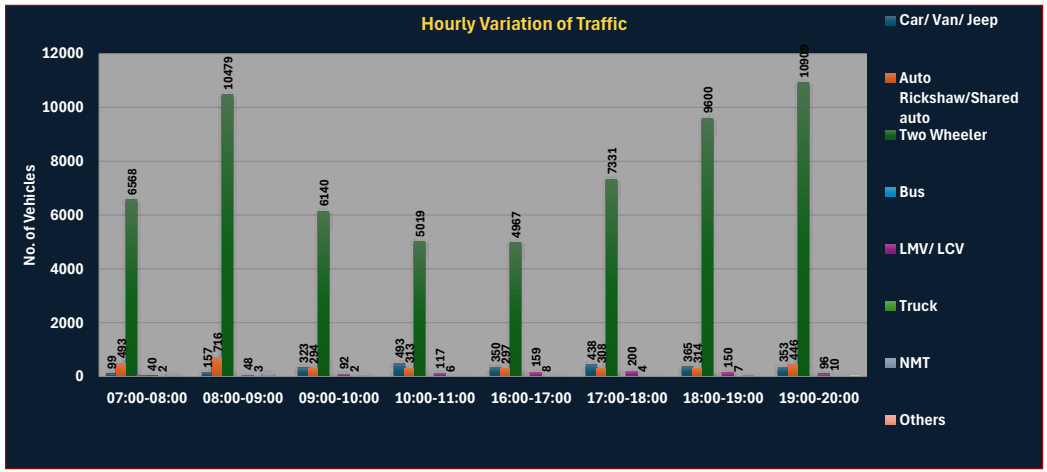




3.2 | SUMMARY OF CVC AT SCREENLINES

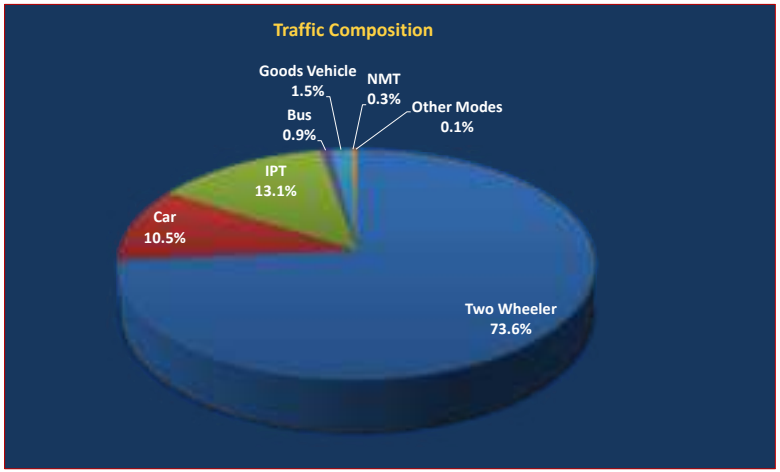
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Shri Guru Tegh Bahadur Singh Bridge (RoB)										Type of Screenline:	Screenline Count					Date:	14/8/2024						
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Bhavani Circle to Alkapuri Circle	1,358	83	1,857	-	-	38,474	7	5	34	7	1	8	4	11	15	7	43	263	230	46	176	7	10	42,646	33,720
Alkapuri Circle to Bhavani Circle	1,124	13	1,324	-	-	22,539	5	-	16	8	-	5	-	4	4	1	26	149	191	-	108	1	15	25,533	20,278
Total	**2,482**	**96**	**3,181**	**-**	**-**	**61,013**	**12**	**5**	**50**	**15**	**1**	**13**	**4**	**15**	**19**	**8**	**69**	**412**	**421**	**46**	**284**	**8**	**25**	**68,179**	**53,998**

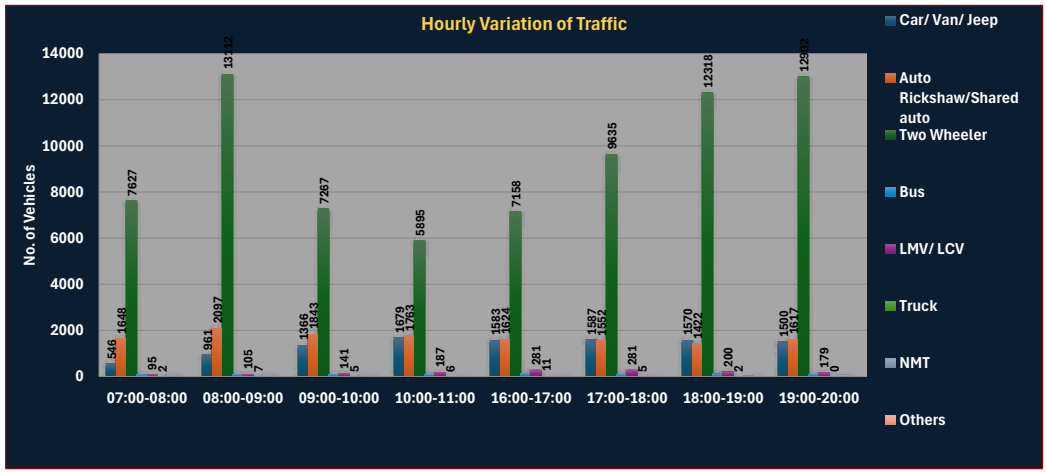




3.2 | SUMMARY OF CVC AT SCREENLINES

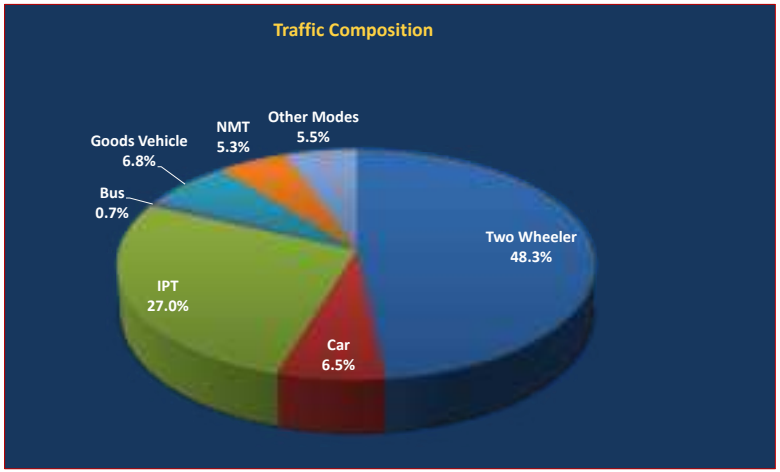
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Lal Darwaja Station Road (RuB)										Type of Screenline:	Screenline Count				Date:	12/8/2024							
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Laxman Nagar to Lal Darwaja	4,573	274	6,114	-	2	36,041	6	222	10	52	134	41	11	7	19	-	35	296	321	2	232	2	57	48,451	46,279
Lal Darwaja to Laxman Nagar	5,656	289	7,447	2	1	39,963	31	181	5	48	102	34	4	2	10	-	83	351	383	1	120	4	39	54,756	52,917
Total	**#####**	**563**	**13,561**	**2**	**3**	**76,004**	**37**	**403**	**15**	**100**	**236**	**75**	**15**	**9**	**29**	**-**	**118**	**647**	**704**	**3**	**352**	**6**	**96**	**######**	**99,196**

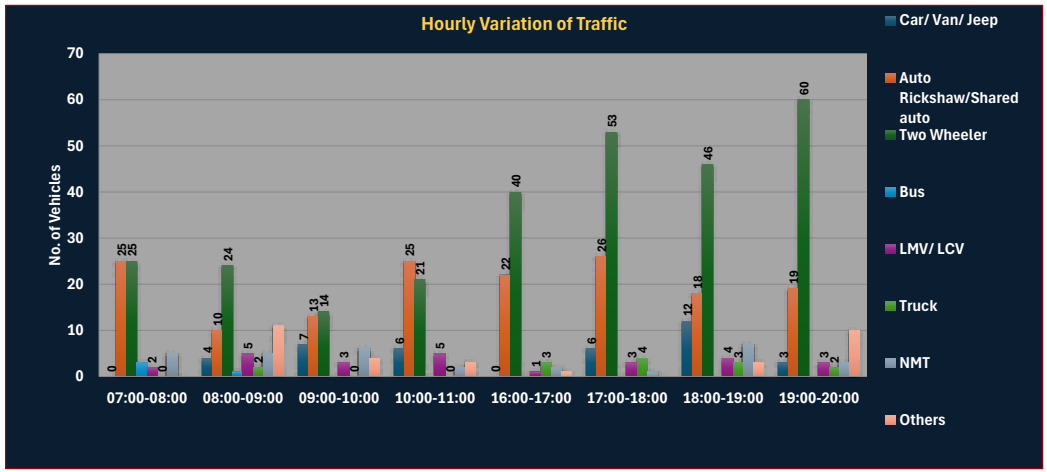




3.2 | SUMMARY OF CVC AT SCREENLINES

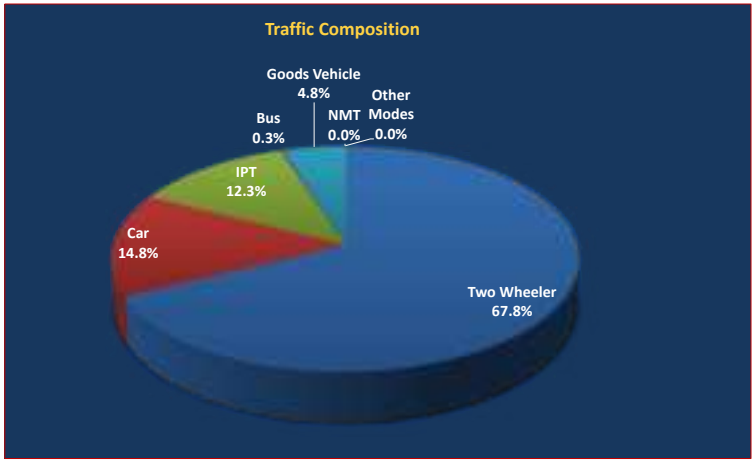
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Lambe Hanuman Road (RuB)										Type of Screenline:	Screenline Count				Date:	12/8/2024							
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Laxman Nagar to Lal Darwaja	20	1	75	-	-	148	-	4	-	-	-	-	-	-	8	-	3	2	8	11	23	1	6	310	393
Lal Darwaja to Laxman Nagar	16	1	83	-	-	135	-	-	-	-	-	-	-	-	6	-	1	2	10	12	6	1	3	276	373
Total	**36**	**2**	**158**	**-**	**-**	**283**	**-**	**4**	**-**	**-**	**-**	**-**	**-**	**-**	**14**	**-**	**4**	**4**	**18**	**23**	**29**	**2**	**9**	**586**	**766**

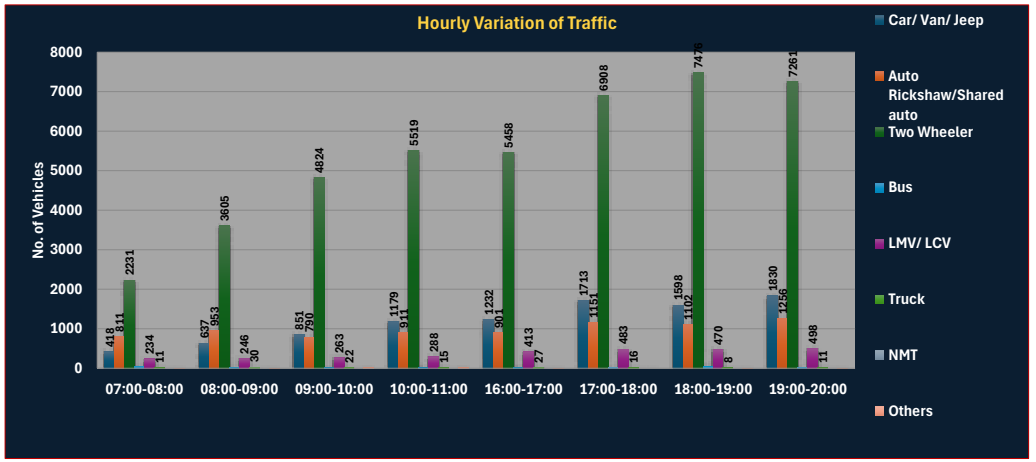




3.2 | SUMMARY OF CVC AT SCREENLINES

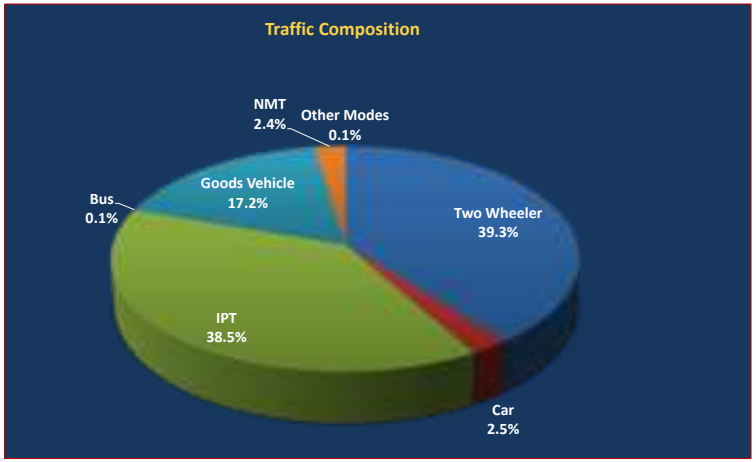
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Surat-Kadodara Road, Sahara Darwaja RoB and RuB										Type of Screenline:	Screenline Count					Date:	12/8/2024						
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Aal Mata Chowk to Sahara Darwaja	3,142	23	2,050	-	1	14,528	3	19	14	2	-	11	-	22	11	19	74	401	498	-	-	-	6	20,824	19,676
Sahara Darwaja to Aal Mata Chowk	6,203	90	5,822	-	2	28,754	4	54	44	21	1	17	4	23	17	48	138	646	1,138	3	-	-	18	43,047	42,624
Total	**9,345**	**113**	**7,872**	**-**	**3**	**43,282**	**7**	**73**	**58**	**23**	**1**	**28**	**4**	**45**	**28**	**67**	**212**	**1,047**	**1,636**	**3**	**-**	**-**	**24**	**63,871**	**62,300**

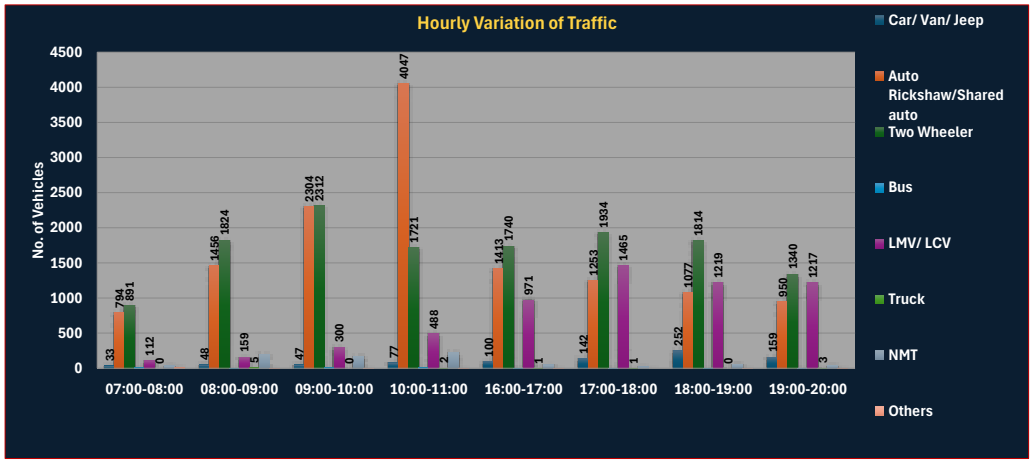




3.2 | SUMMARY OF CVC AT SCREENLINES

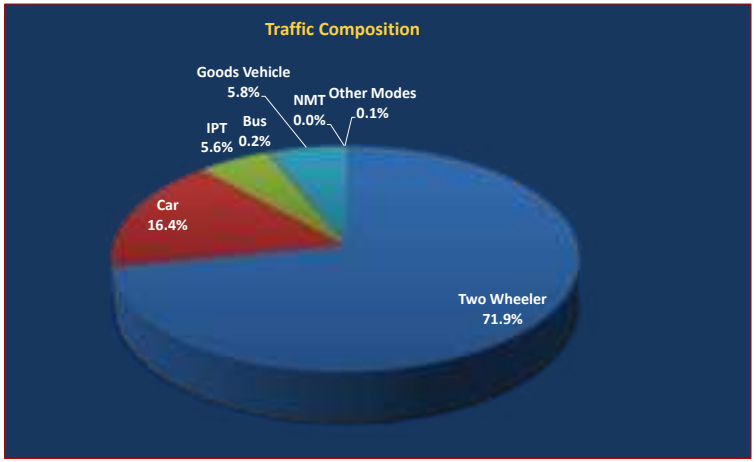
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Mithi Khadi Road (RuB)										Type of Screenline:	Screenline Count					Date:	12/8/2024						
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Islami Chowk to Kamela Darwaja Circle	223	17	8,002	-	-	7,135	1	10	1	-	-	-	-	1	1	-	78	1,159	1,064	5	583	72	7	18,359	25,773
Kamela Darwaja Circle to Islami Chowk	610	8	5,286	5	1	6,441	1	11	-	-	-	2	-	1	6	3	96	1,537	1,997	5	154	3	3	16,170	22,161
Total	**833**	**25**	**13,288**	**5**	**1**	**13,576**	**2**	**21**	**1**	**-**	**-**	**2**	**-**	**2**	**7**	**3**	**174**	**2,696**	**3,061**	**10**	**737**	**75**	**10**	**34,529**	**47,933**

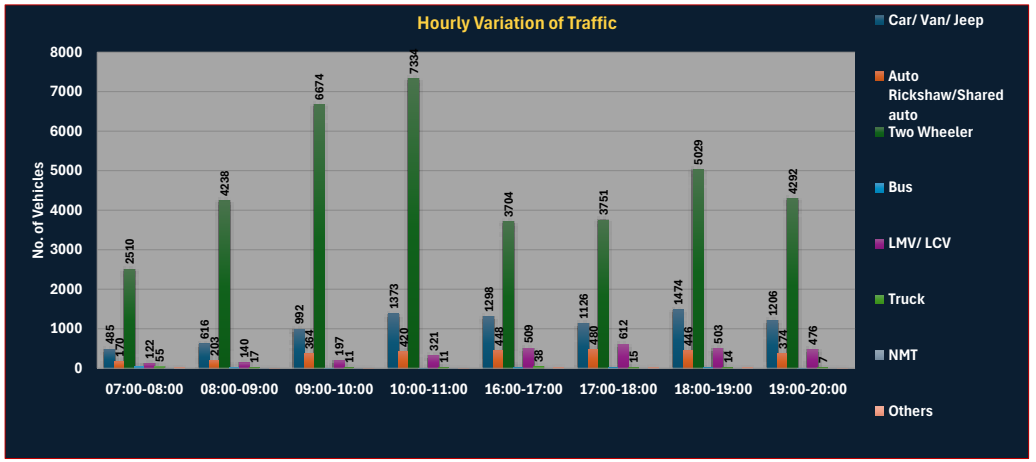




3.2 | SUMMARY OF CVC AT SCREENLINES

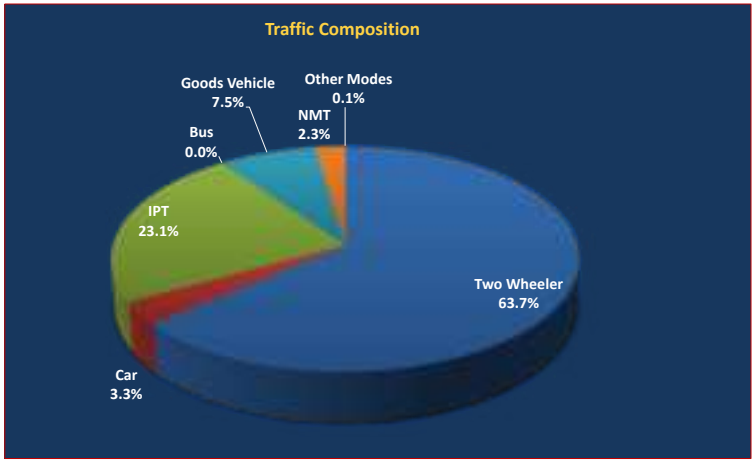
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Anjana Bridge (RoB)										Type of Screenline:	Screenline Count					Date:	12/8/2024						
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Parvat Patiya to Bhatena	3,936	207	1,404	-	1	23,213	8	4	15	-	3	25	2	31	39	18	92	657	576	10	4	1	9	30,255	25,898
Bhatena to Parvat Patiya	4,301	126	1,499	-	1	14,319	11	10	19	-	-	11	1	24	36	20	115	634	806	8	1	1	19	21,962	19,970
Total	**8,237**	**333**	**2,903**	**-**	**2**	**37,532**	**19**	**14**	**34**	**-**	**3**	**36**	**3**	**55**	**75**	**38**	**207**	**1,291**	**1,382**	**18**	**5**	**2**	**28**	**52,217**	**45,867**

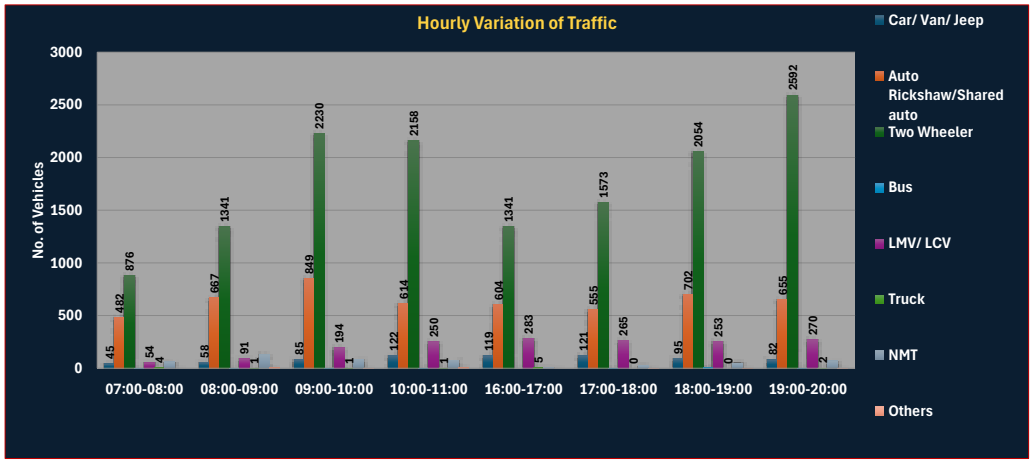




3.2 | SUMMARY OF CVC AT SCREENLINES

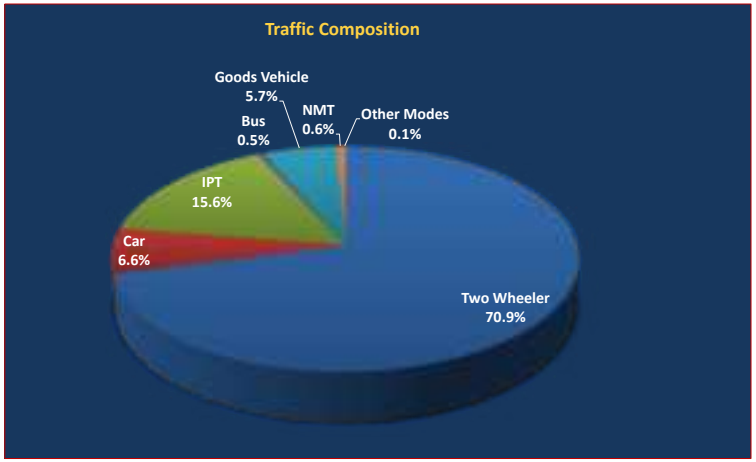
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Janta Nagar Road (RoB)										Type of Screenline:	Screenline Count		Date:	8/8/2024									
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Navagam to Udhana	356	38	2,574	-	2	8,022	2	-	-	-	-	3	-	1	3	2	46	422	412	3	355	1	5	12,247	12,897
Udhana to Navagam	304	29	2,521	28	3	6,143	3	-	-	-	-	3	-	2	2	4	38	349	393	1	154	1	6	9,984	11,149
Total	**660**	**67**	**5,095**	**28**	**5**	**14,165**	**5**	**-**	**-**	**-**	**-**	**6**	**-**	**3**	**5**	**6**	**84**	**771**	**805**	**4**	**509**	**2**	**11**	**22,231**	**24,046**

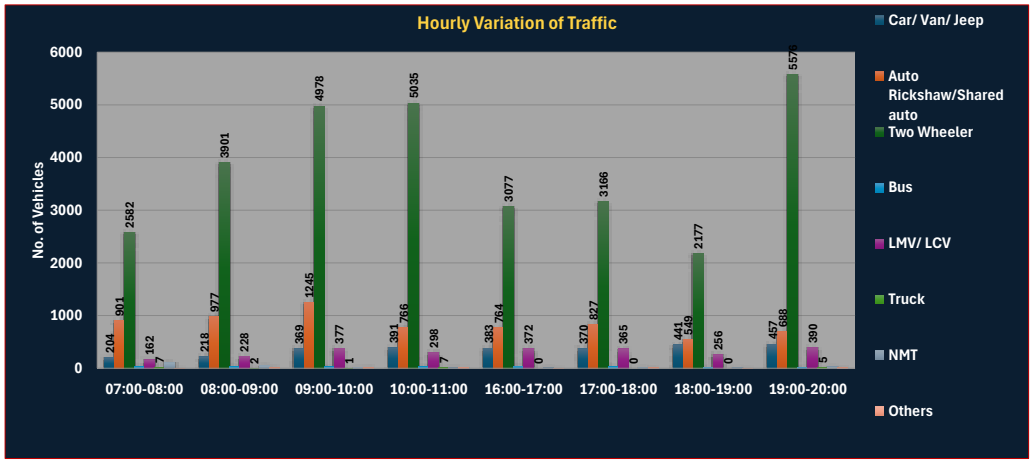




3.2 | SUMMARY OF CVC AT SCREENLINES

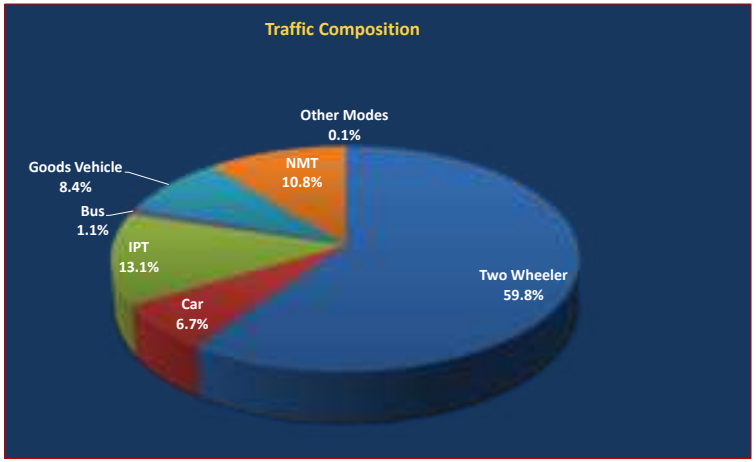
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Udhana-Dindoli Road (RoB)										Type of Screenline:	Screenline Count					Date:	8/8/2024						
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Navagam to Udhana	1,356	107	3,781	-	1	21,537	1	2	3	69	-	21	3	6	2	8	578	624	283	15	109	39	16	28,561	27,579
Udhana to Navagam	1,285	85	2,874	-	61	8,955	2	2	5	61	16	26	1	2	2	2	449	317	197	10	93	6	11	14,462	15,561
Total	**2,641**	**192**	**6,655**	**-**	**62**	**30,492**	**3**	**4**	**8**	**130**	**16**	**47**	**4**	**8**	**4**	**10**	**1,027**	**941**	**480**	**25**	**202**	**45**	**27**	**43,023**	**43,140**

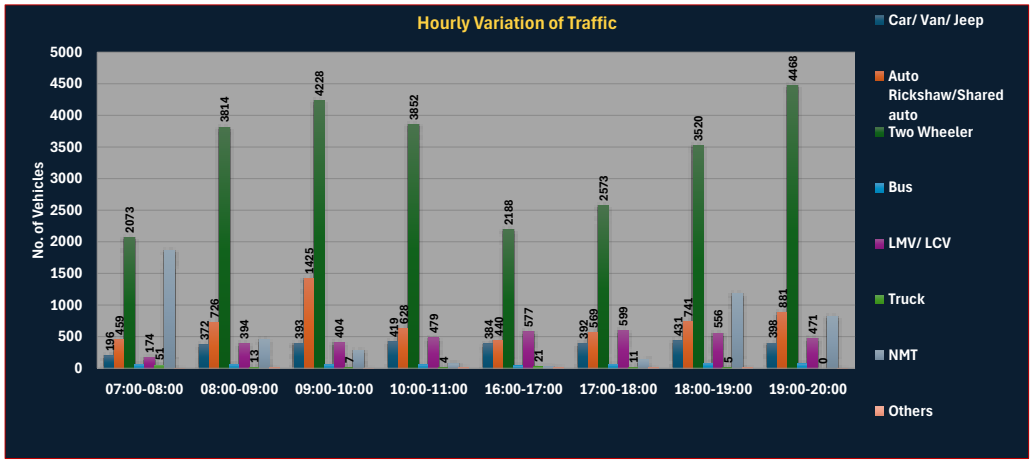




3.2 | SUMMARY OF CVC AT SCREENLINES

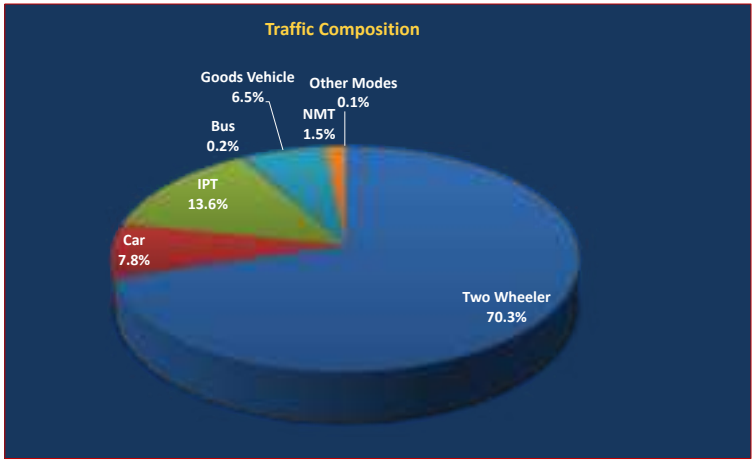
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Pramukh Park Bridge (RoB)										Type of Screenline:	Screenline Count					Date:	8/8/2024						
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Navagam Dindoli to Udhana	1,631	58	3,227	-	28	15,151	1	-	13	3	184	11	1	8	25	30	1,138	716	139	7	2,884	2	8	25,265	24,282
Udhana to Navagam Dindoli	1,282	14	2,614	-	-	11,565	-	-	9	-	240	15	4	5	8	36	985	462	214	10	1,951	-	9	19,423	19,162
Total	**2,913**	**72**	**5,841**	**-**	**28**	**26,716**	**1**	**-**	**22**	**3**	**424**	**26**	**5**	**13**	**33**	**66**	**2,123**	**1,178**	**353**	**17**	**4,835**	**2**	**17**	**44,688**	**43,444**

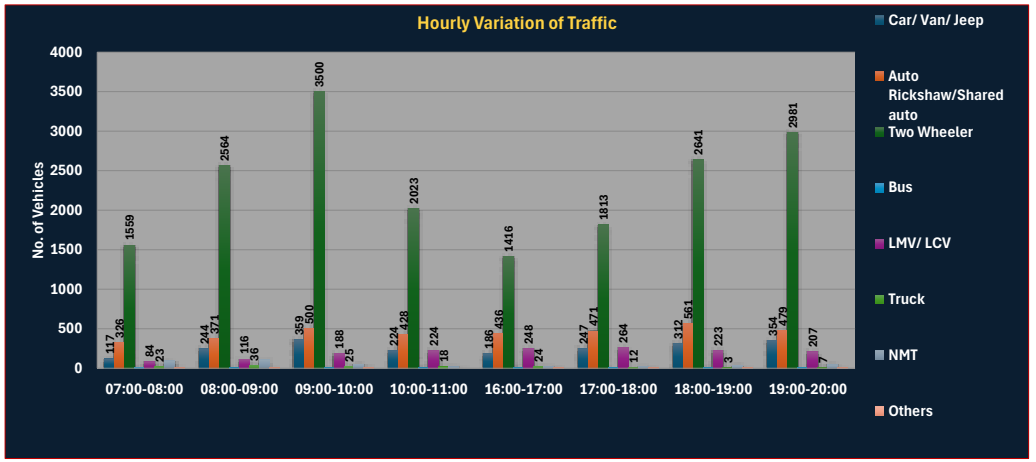




3.2 | SUMMARY OF CVC AT SCREENLINES

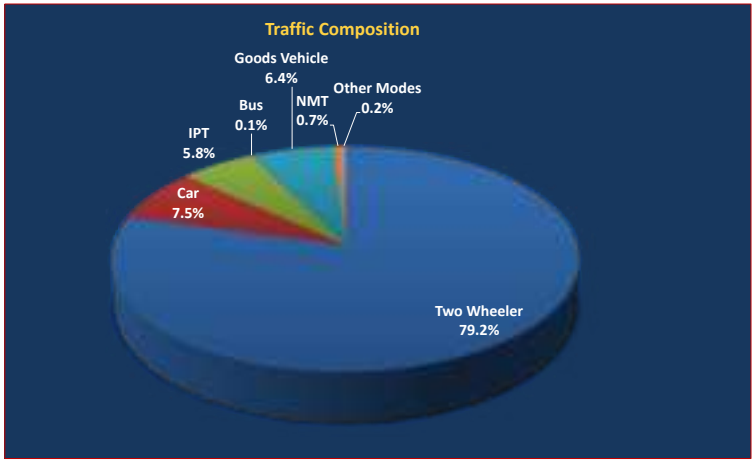
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Bhestan-Saniya Kande Road (RoB)										Type of Screenline:	Screenline Count					Date:	9/8/2024						
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Saniya Kande to Bhestan	1,033	25	1,980	4	-	11,026	4	-	1	12	-	9	2	12	32	36	320	400	145	4	180	9	11	15,245	14,781
Bhestan to Saniya Kande	959	26	1,542	46	-	7,471	3	5	9	5	-	9	1	9	16	43	243	383	63	6	197	9	9	11,054	10,967
Total	**1,992**	**51**	**3,522**	**50**	**-**	**18,497**	**7**	**5**	**10**	**17**	**-**	**18**	**3**	**21**	**48**	**79**	**563**	**783**	**208**	**10**	**377**	**18**	**20**	**26,299**	**25,749**

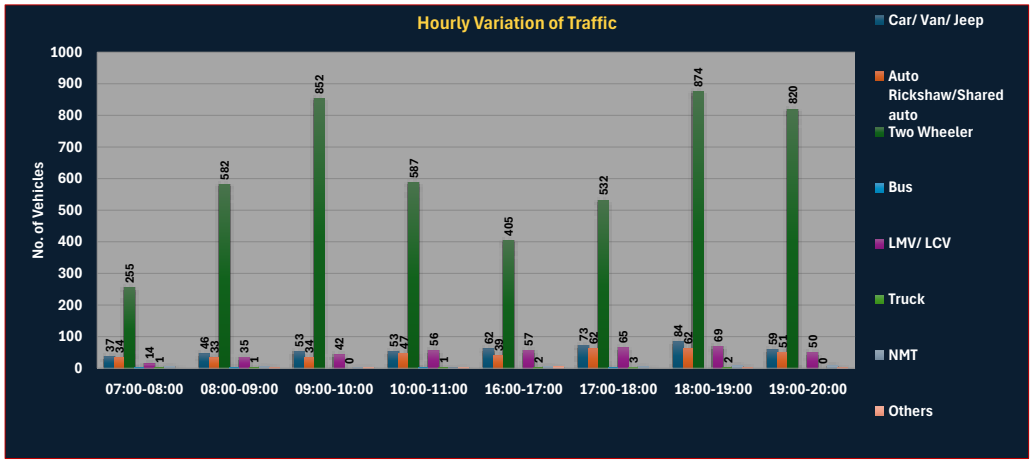




3.2 | SUMMARY OF CVC AT SCREENLINES

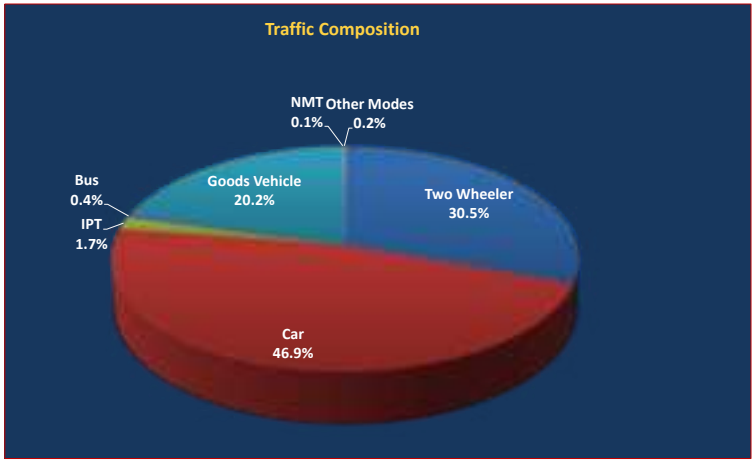
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Unn- Bhanodra Road (RoB)										Type of Screenline:	Screenline Count						Date:	9/8/2024					
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Bhanodra to Unn Patiya	223	7	170	-	-	2,483	-	-	-	-	-	3	-	-	2	-	25	44	133	4	21	-	1	3,116	2,676
Unn Patiya to Bhanodra	227	10	192	-	-	2,424	-	-	-	-	-	3	-	-	7	1	22	49	115	4	21	-	6	3,081	2,673
Total	**450**	**17**	**362**	**-**	**-**	**4,907**	**-**	**-**	**-**	**-**	**-**	**6**	**-**	**-**	**9**	**1**	**47**	**93**	**248**	**8**	**42**	**-**	**7**	**6,197**	**5,349**

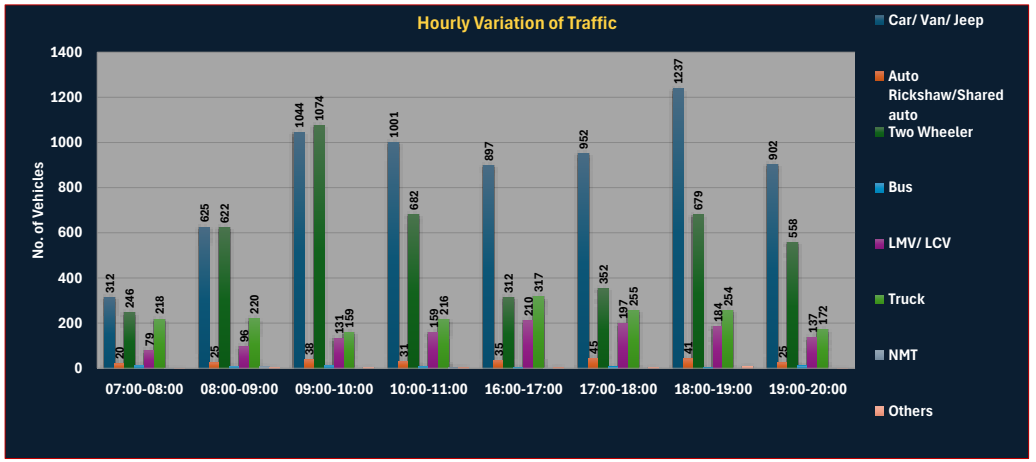




3.2 | SUMMARY OF CVC AT SCREENLINES

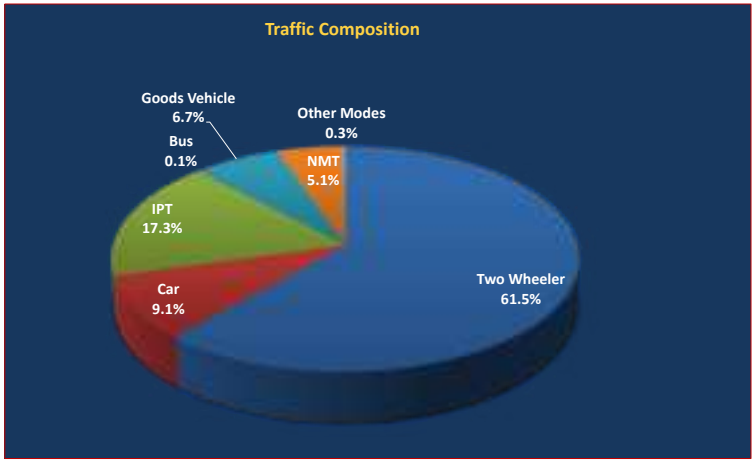
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Sachin Bypass Road (RoB)										Type of Screenline:	Screenline Count					Date:	9/8/2024						
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Sachin to Ichchhapor	3,518	32	112	3	-	2,237	8	-	3	-	-	9	11	97	78	873	306	36	301	6	5	-	12	7,647	9,986
Ichchhapor to Sachin	3,380	40	142	3	-	2,288	11	-	6	-	-	9	7	122	11	630	193	31	326	3	5	-	6	7,213	8,787
Total	**6,898**	**72**	**254**	**6**	**-**	**4,525**	**19**	**-**	**9**	**-**	**-**	**18**	**18**	**219**	**89**	**1,503**	**499**	**67**	**627**	**9**	**10**	**-**	**18**	**14,860**	**18,773**

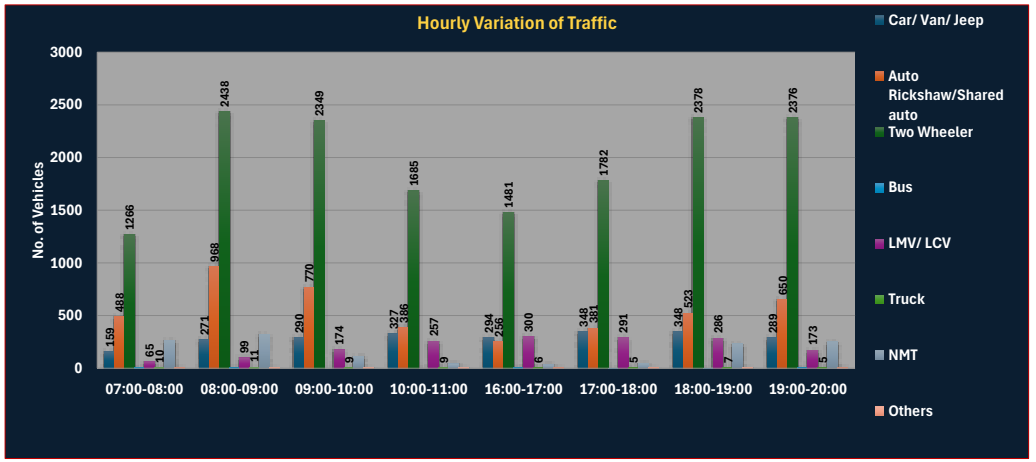




3.2 | SUMMARY OF CVC AT SCREENLINES

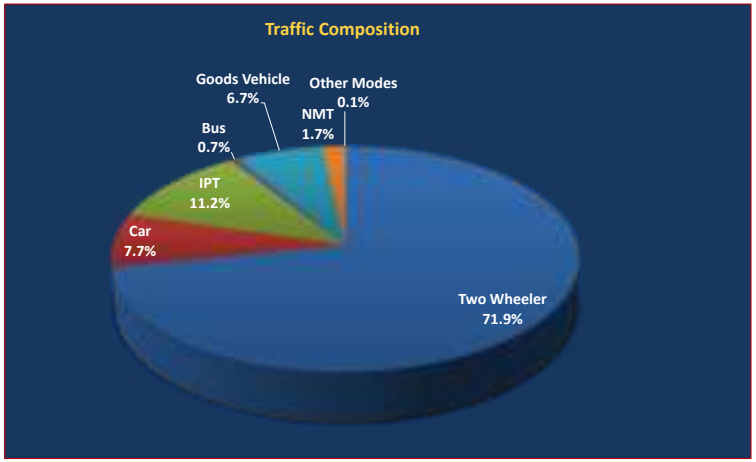
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Sachin Talangpor Road, Near Sachin Railway Station (RoB)										Type of Screenline:	Screenline Count						Date:	9/8/2024					
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Sachin to Kansad	1,144	7	2,178	20	1	8,106	1	-	2	-	-	2	4	13	2	18	113	188	440	26	674	2	11	12,952	13,135
Kansad to Sachin	1,159	16	2,216	6	1	7,649	2	-	5	-	-	4	3	9	4	16	164	224	516	19	622	2	9	12,646	13,043
Total	**2,303**	**23**	**4,394**	**26**	**2**	**15,755**	**3**	**-**	**7**	**-**	**-**	**6**	**7**	**22**	**6**	**34**	**277**	**412**	**956**	**45**	**1,296**	**4**	**20**	**25,598**	**26,178**

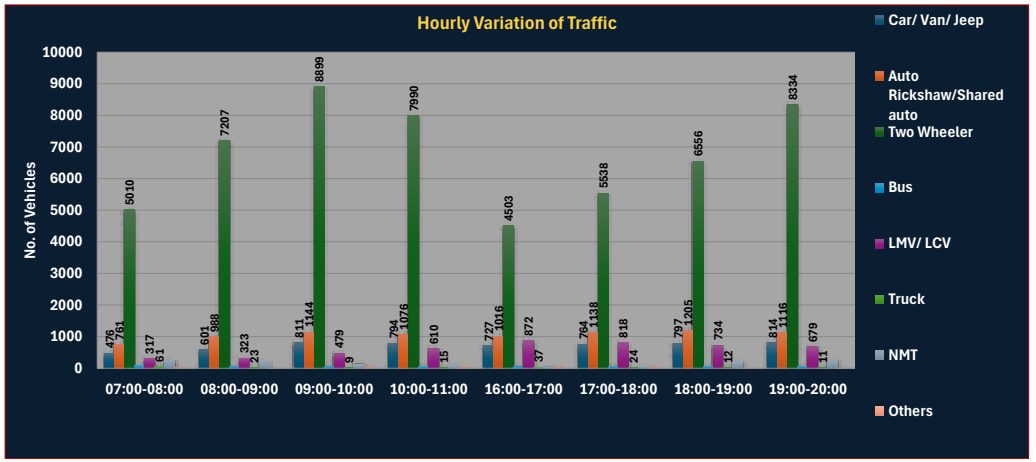




3.2 | SUMMARY OF CVC AT SCREENLINES

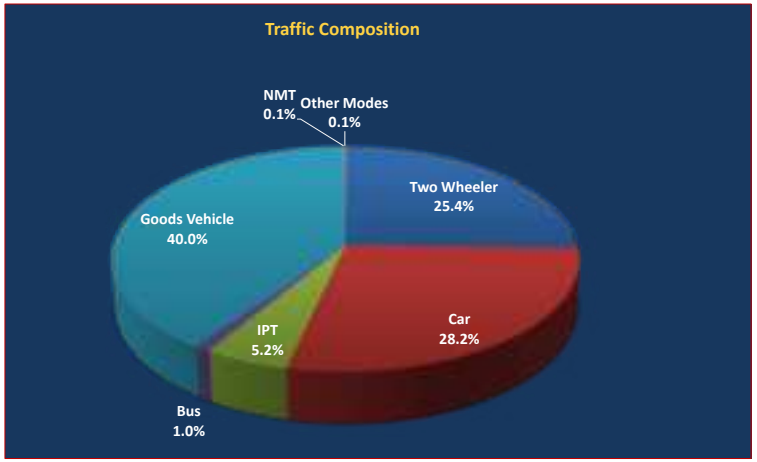
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Godadara-Dindoli Road (RoB)										Type of Screenline:	Screenline Count					Date:	8/8/2024						
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Godadara to Dindoli	2,879	-	3,903	1	3	23,969	6	-	16	16	185	35	11	33	20	41	254	781	1,325	29	478	14	9	34,008	32,954
Dindoli to Godadara	2,840	65	4,532	-	5	30,068	4	2	10	15	187	31	10	23	26	49	354	939	1,179	31	759	13	17	41,159	39,062
Total	**5,719**	**65**	**8,435**	**1**	**8**	**54,037**	**10**	**2**	**26**	**31**	**372**	**66**	**21**	**56**	**46**	**90**	**608**	**1,720**	**2,504**	**60**	**1,237**	**27**	**26**	**75,167**	**72,017**

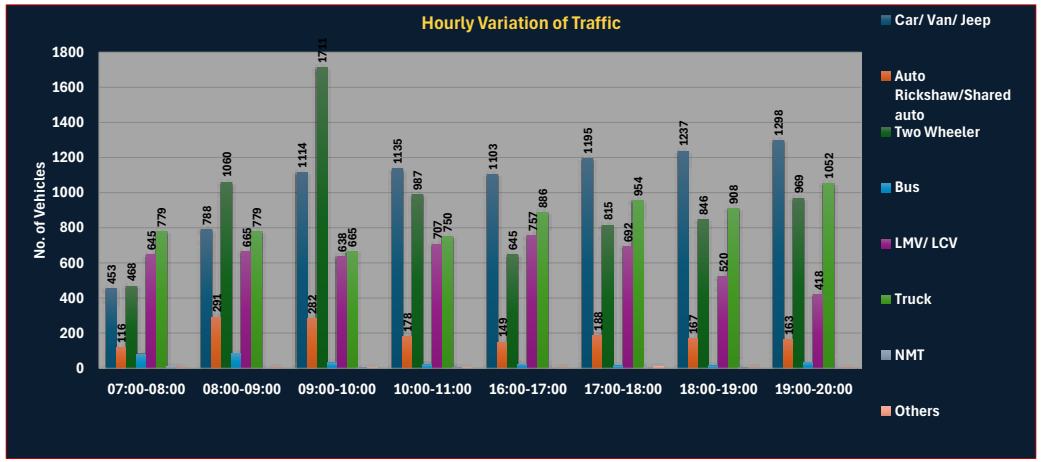




3.2 | SUMMARY OF CVC AT SCREENLINES

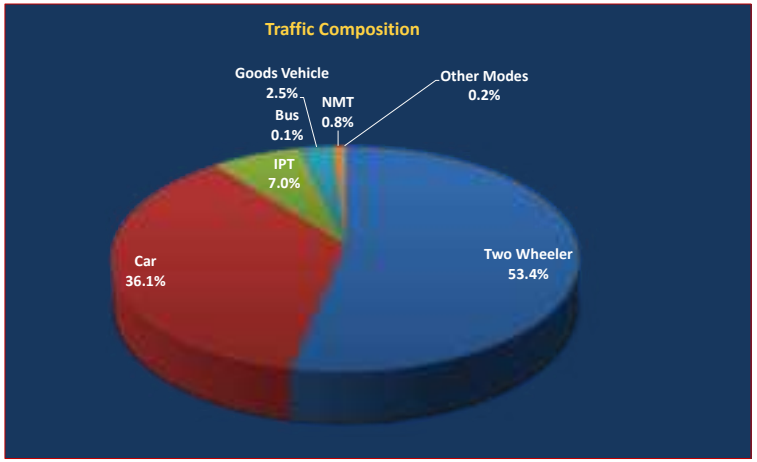
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	NH-48, Near Chalthan (RoB)										Type of Screenline:	Screenline Count				Date:	14/8/2024							
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Kadadara to Palsana	4,893	105	803	4	3	4,900	24	1	81	-	-	47	4	334	109	2,722	1,585	151	515	7	12	2	5	16,307	25,634
Palsana to Kadadara	3,251	74	723	-	1	2,601	8	1	79	2	-	48	1	832	192	2,584	2,279	30	482	5	8	3	20	13,224	24,739
Total	**8,144**	**179**	**1,526**	**4**	**4**	**7,501**	**32**	**2**	**160**	**2**	**-**	**95**	**5**	**1,166**	**301**	**5,306**	**3,864**	**181**	**997**	**12**	**20**	**5**	**25**	**29,531**	**50,372**

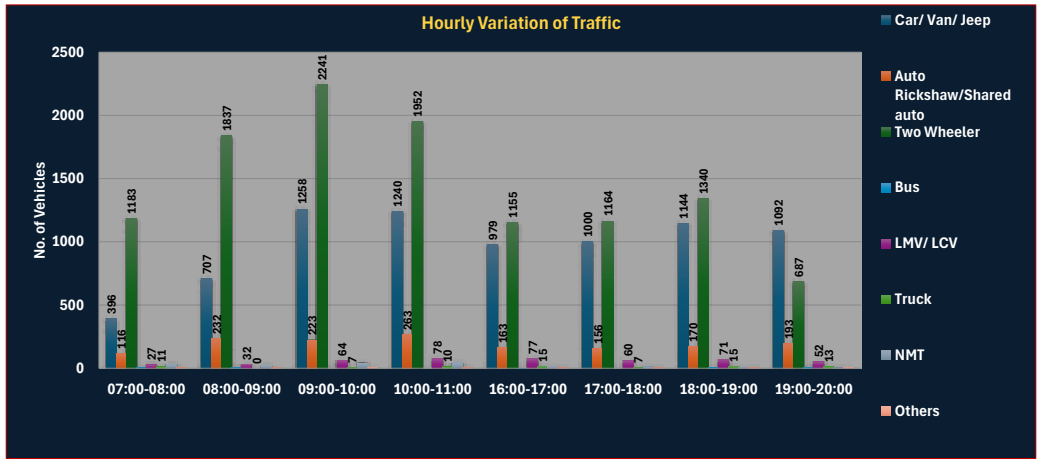




3.2 | SUMMARY OF CVC AT SCREENLINES

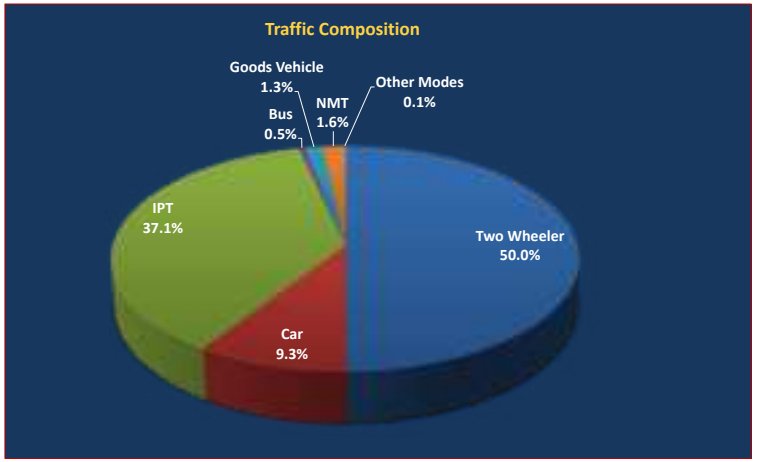
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Bamroli Khadi Road (River/Canal Bridge)										Type of Screenline:	Screenline Count					Date:	7/8/2024						
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Bamroli to Anand Park	2,283	240	670	-	-	5,533	-	-	-	1	-	8	1	25	2	8	47	93	113	7	93	1	10	9,135	8,266
Anand Park to Bamroli	5,032	261	830	16	-	6,026	-	-	-	-	1	8	1	21	10	12	62	66	80	6	80	4	14	12,530	11,644
Total	**7,315**	**501**	**1,500**	**16**	**-**	**11,559**	**-**	**-**	**-**	**1**	**1**	**16**	**2**	**46**	**12**	**20**	**109**	**159**	**193**	**13**	**173**	**5**	**24**	**21,665**	**19,910**

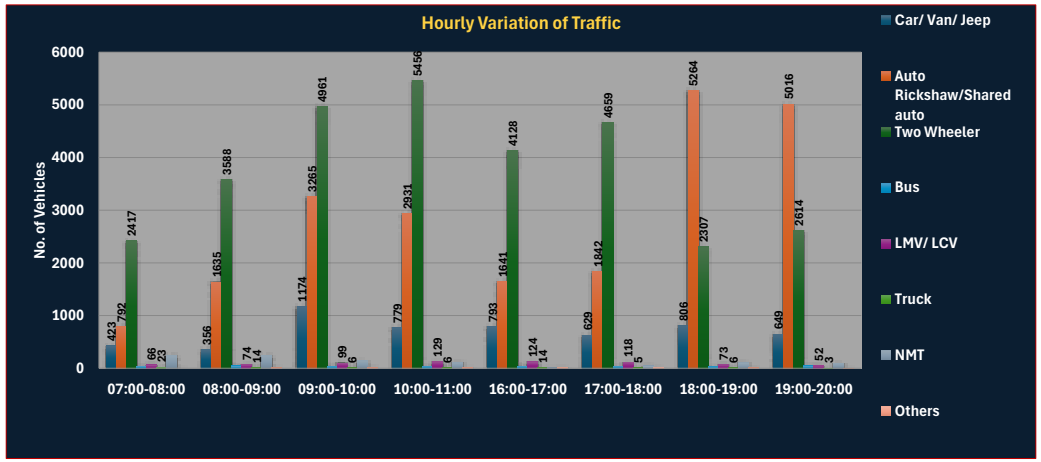




3.2 | SUMMARY OF CVC AT SCREENLINES

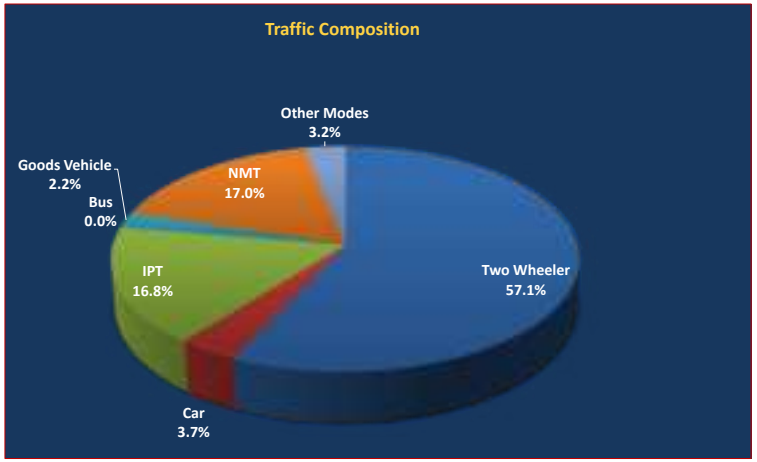
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Bamroli- Althan Road (River/Canal Bridge)										Type of Screenline:	Screenline Count					Date:	7/8/2024						
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Bamroli to Althan	3,343	69	7,404	-	6,108	11,453	2	6	-	-	153	12	-	6	26	1	43	159	166	31	378	7	4	29,371	40,254
Althan to Bamroli	2,089	108	8,873	1	-	18,677	-	43	2	-	90	5	2	18	9	17	67	160	140	39	566	37	4	30,947	35,289
Total	**5,432**	**177**	**16,277**	**1**	**6,108**	**30,130**	**2**	**49**	**2**	**-**	**243**	**17**	**2**	**24**	**35**	**18**	**110**	**319**	**306**	**70**	**944**	**44**	**8**	**60,318**	**75,543**

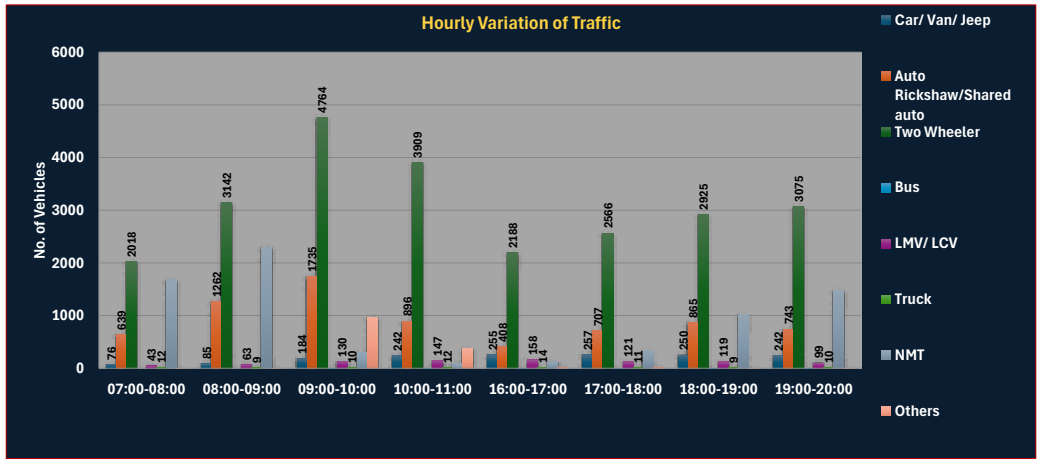




3.2 | SUMMARY OF CVC AT SCREENLINES

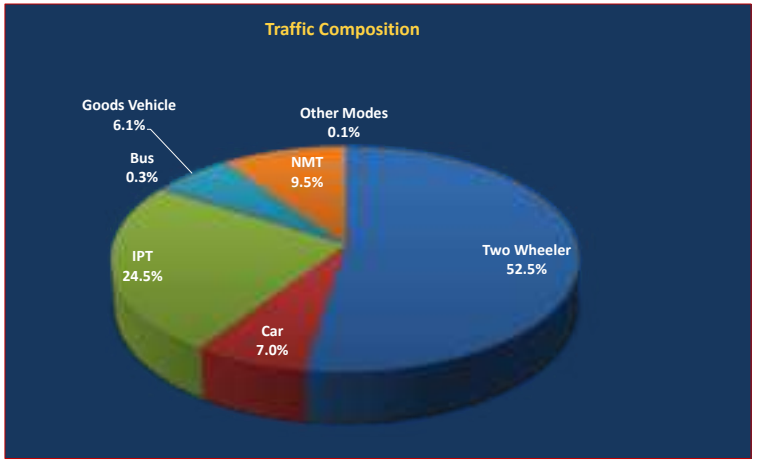
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Bhatar-Bamroli Road (River/Canal Bridge)										Type of Screenline:	Screenline Count					Date:	7/8/2024						
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Bhatar to Bamroli	816	37	3,772	-	103	16,234	-	-	2	-	-	2	1	3	16	13	117	232	150	1,343	4,243	6	7	27,097	28,946
Bamroli to Bhatar	673	65	3,255	13	112	8,353	2	-	1	-	-	1	-	6	28	21	17	136	228	11	2,913	145	20	16,000	16,055
Total	**1,489**	**102**	**7,027**	**13**	**215**	**24,587**	**2**	**-**	**3**	**-**	**-**	**3**	**1**	**9**	**44**	**34**	**134**	**368**	**378**	**1,354**	**7,156**	**151**	**27**	**43,097**	**45,001**

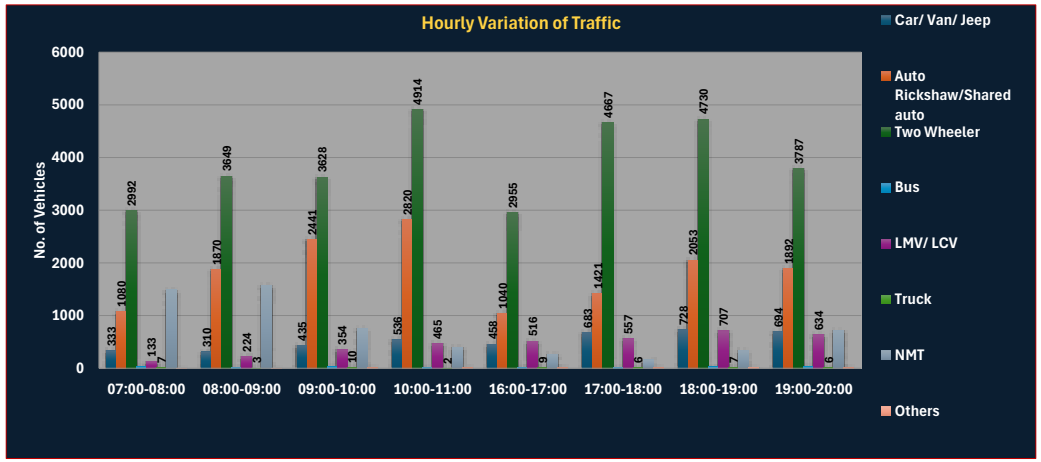




3.2 | SUMMARY OF CVC AT SCREENLINES

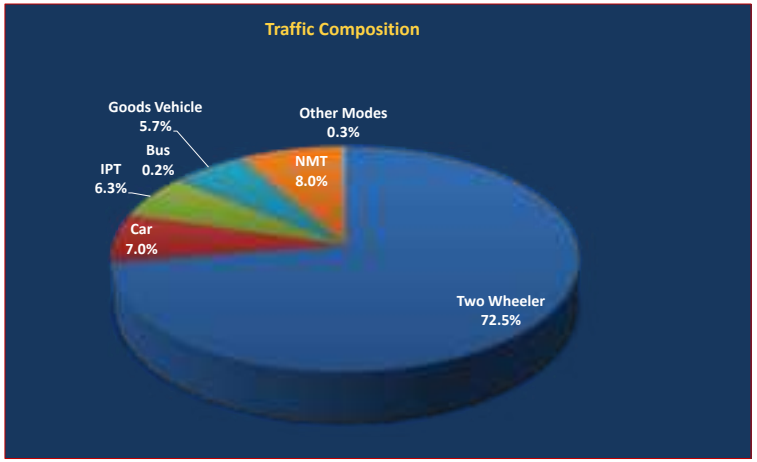
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Bamroli Road (River/Canal Bridge)										Type of Screenline:	Screenline Count					Date:	8/8/2024						
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Sosyo Circle to Piyush Point	1,531	149	6,837	3	1	17,892	5	-	1	86	-	8	-	18	4	3	117	1,059	797	10	2,249	42	39	30,851	32,792
Piyush Point to Sosyo Circle	2,378	119	7,756	11	9	13,430	7	-	2	72	-	10	1	9	12	4	141	785	691	10	3,373	17	22	28,859	32,091
Total	**3,909**	**268**	**14,593**	**14**	**10**	**31,322**	**12**	**-**	**3**	**158**	**-**	**18**	**1**	**27**	**16**	**7**	**258**	**1,844**	**1,488**	**20**	**5,622**	**59**	**61**	**59,710**	**64,884**

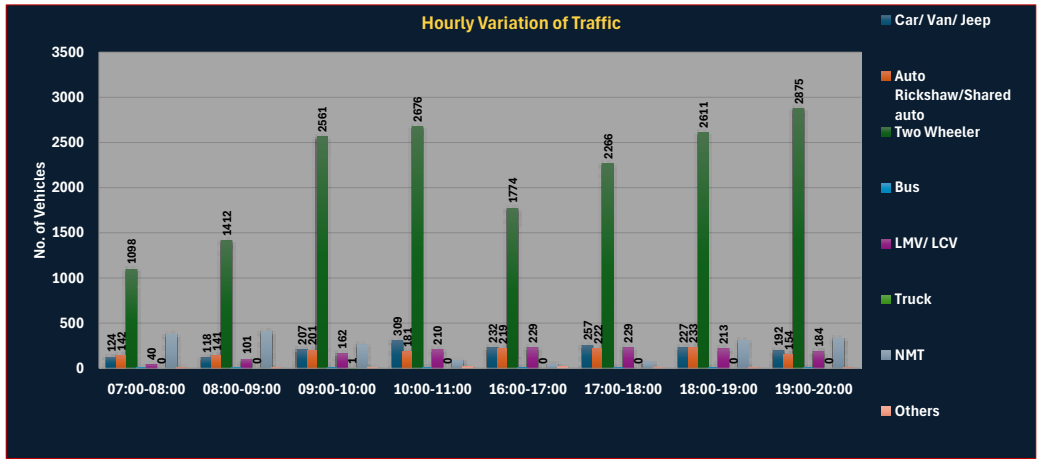




3.2 | SUMMARY OF CVC AT SCREENLINES

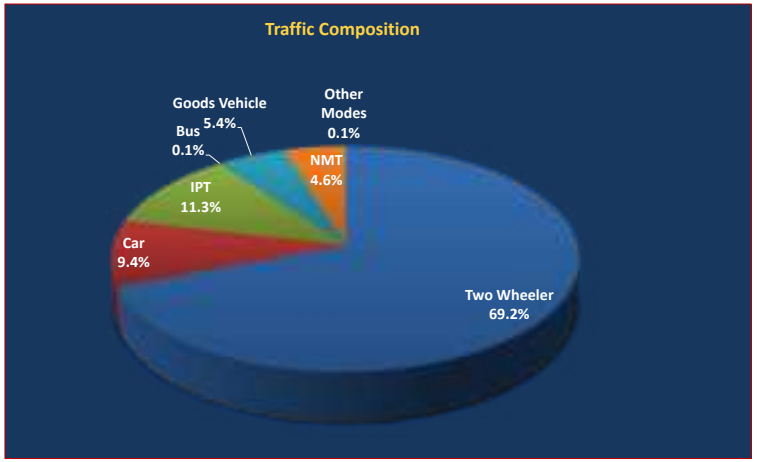
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Dr Hedgewar Road (River/Canal Bridge)										Type of Screenline:	Screenline Count					Date:	8/8/2024						
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised				
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others	Total Vehicles	Total PCUs
Hari Nagar to Majura	698	38	757	-	5	9,130	-	-	-	22	-	3	-	1	-	-	19	425	275	4	1,022	3	35	12,437	10,330
Majura to Hari Nagar	887	43	722	4	5	8,143	-	-	-	20	-	3	-	-	-	-	18	369	262	4	867	4	29	11,380	9,559
Total	**1,585**	**81**	**1,479**	**4**	**10**	**17,273**	**-**	**-**	**-**	**42**	**-**	**6**	**-**	**1**	**-**	**-**	**37**	**794**	**537**	**8**	**1,889**	**7**	**64**	**23,817**	**19,889**

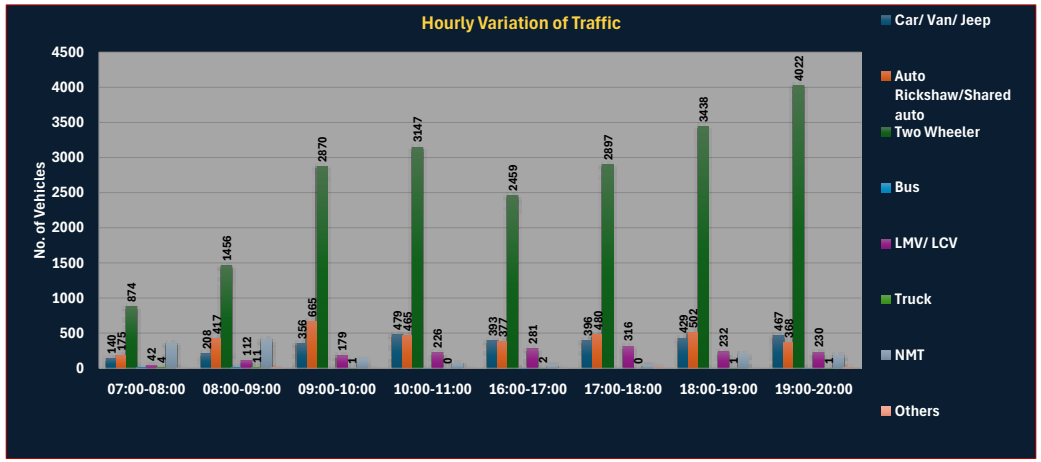




3.2 | SUMMARY OF CVC AT SCREENLINES

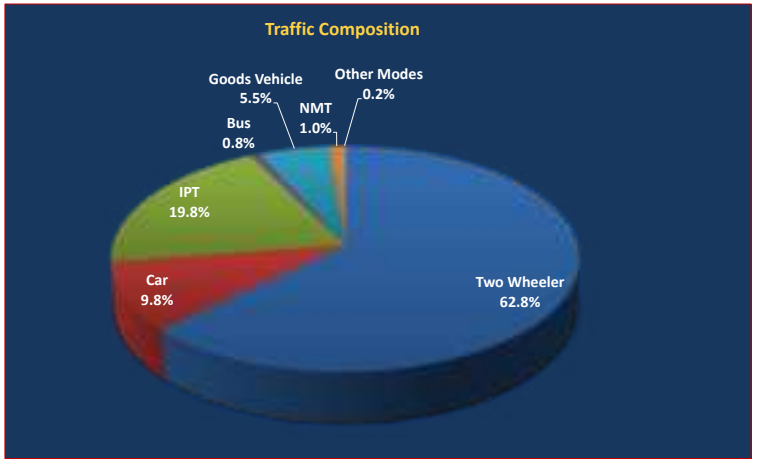
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	S Zone Road (River/Canal Bridge)										Type of Screenline:	Screenline Count					Date:	8/8/2024						
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Udhana Gam to Sosyo Circle	1,417	59	1,596	1	4	9,640	-	1	1	-	-	6	-	5	1	10	50	441	374	3	462	12	17	14,100	13,328
Sosyo Circle to Udhana Gam	1,304	88	1,846	2	-	11,523	1	-	-	-	-	7	-	-	-	4	54	420	279	2	939	9	6	16,484	15,134
Total	**2,721**	**147**	**3,442**	**3**	**4**	**21,163**	**1**	**1**	**1**	**-**	**-**	**13**	**-**	**5**	**1**	**14**	**104**	**861**	**653**	**5**	**1,401**	**21**	**23**	**30,584**	**28,462**

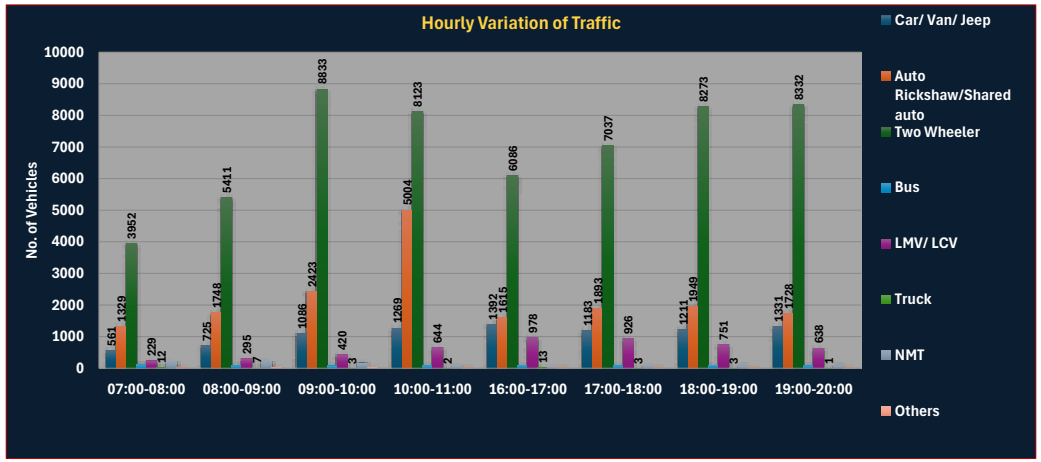




3.2 | SUMMARY OF CVC AT SCREENLINES

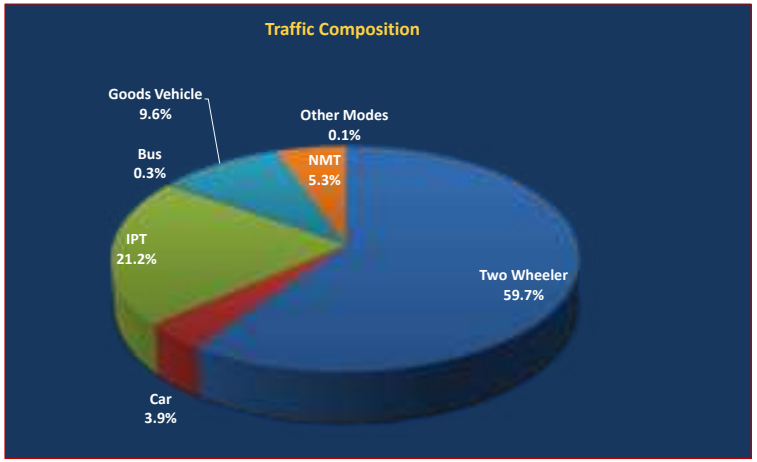
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	SH-6, Surat-Songadh Road (River/Canal Bridge)										Type of Screenline:	Screenline Count				Date:	8/8/2024							
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Udhana Darwaja to Udhana Teen Rasta	4,510	238	11,327	-	2	32,665	11	111	23	44	170	13	4	4	7	7	220	1,197	1,290	16	639	5	61	52,564	56,761
Udhana Teen Rasta to Udhana Darwaja	3,799	211	6,360	-	-	23,382	12	115	21	39	125	14	5	9	9	8	230	894	1,050	19	269	2	59	36,632	38,212
Total	**8,309**	**449**	**17,687**	**-**	**2**	**56,047**	**23**	**226**	**44**	**83**	**295**	**27**	**9**	**13**	**16**	**15**	**450**	**2,091**	**2,340**	**35**	**908**	**7**	**120**	**89,196**	**94,972**

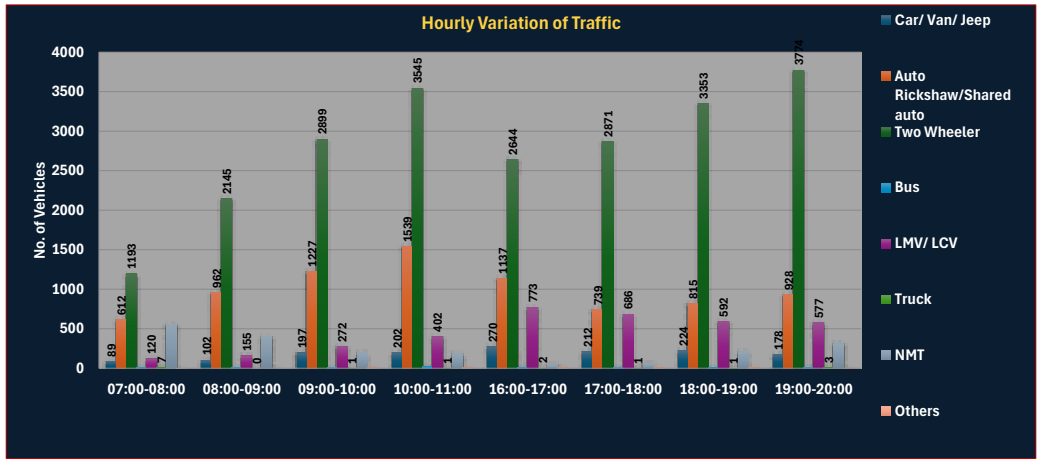




3.2 | SUMMARY OF CVC AT SCREENLINES

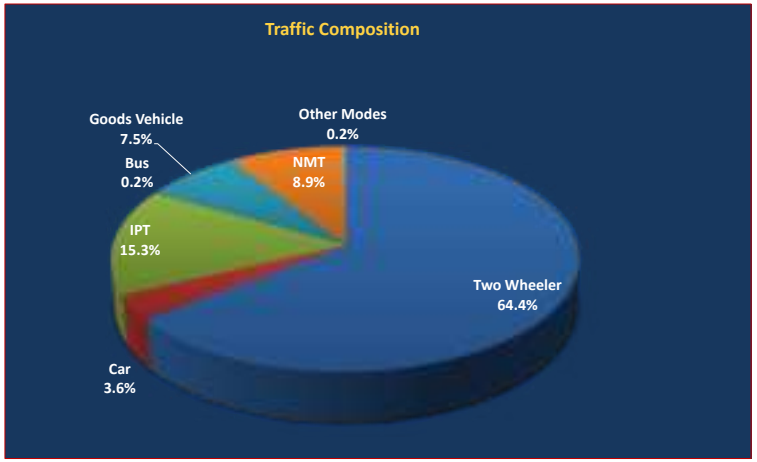
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	80 feet Road, Udhana-Bhatena(River/Canal Bridge)										Type of Screenline:	Screenline Count						Date:	8/8/2024					
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Bhatena to Udhana Railway Station	802	50	4,502	-	-	13,319	1	-	1	56	-	2	-	2	3	4	117	1,037	740	4	1,283	12	8	21,943	23,068
Udhana Railway Station to Bhatena	559	63	3,456	1	-	9,105	-	-	-	48	-	2	-	3	3	1	98	794	791	4	676	13	8	15,625	17,042
Total	**1,361**	**113**	**7,958**	**1**	**-**	**22,424**	**1**	**-**	**1**	**104**	**-**	**4**	**-**	**5**	**6**	**5**	**215**	**1,831**	**1,531**	**8**	**1,959**	**25**	**16**	**37,568**	**40,110**

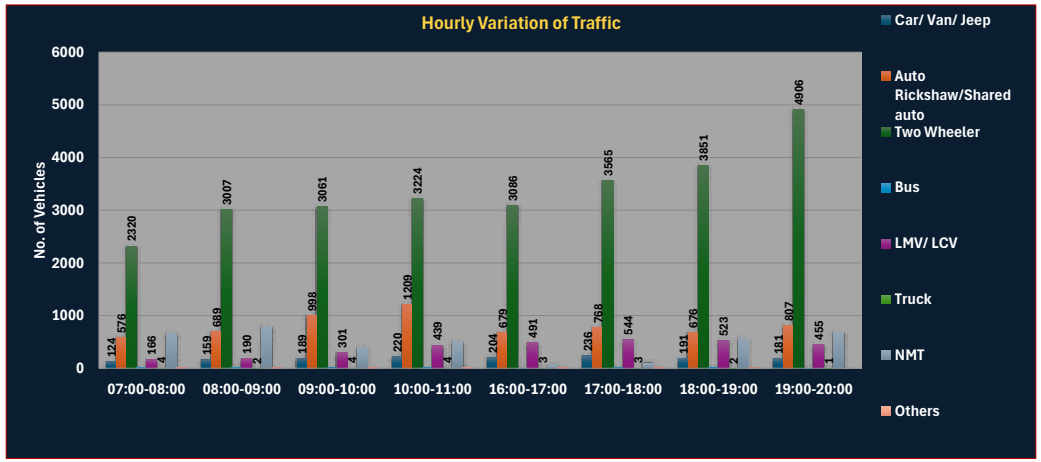




3.2 | SUMMARY OF CVC AT SCREENLINES

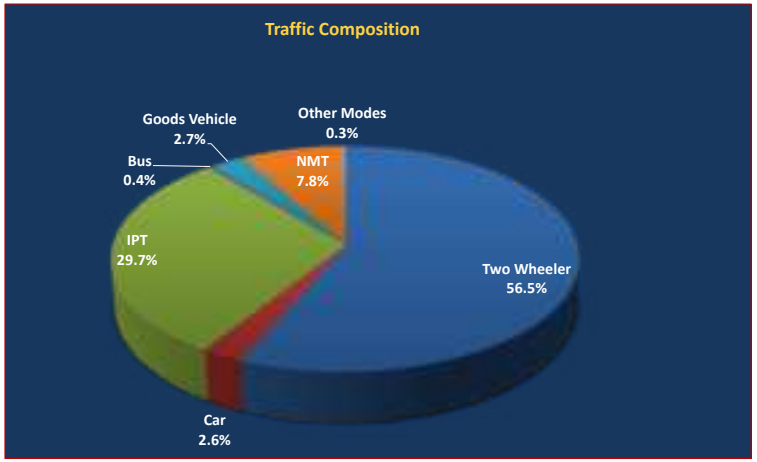
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Dumbhal Road (River/Canal Bridge)										Type of Screenline:	Screenline Count					Date:	12/8/2024						
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Parvat Patiya to Limbayat	773	29	3,139	-	-	13,258	4	-	11	16	-	4	-	6	5	4	40	910	517	5	1,225	8	23	19,977	19,631
Limbayat to Parvat Patiya	671	31	3,262	-	1	13,762	1	-	6	14	-	8	-	3	1	4	55	1,011	576	6	2,507	5	39	21,963	20,964
Total	**1,444**	**60**	**6,401**	**-**	**1**	**27,020**	**5**	**-**	**17**	**30**	**-**	**12**	**-**	**9**	**6**	**8**	**95**	**1,921**	**1,093**	**11**	**3,732**	**13**	**62**	**41,940**	**40,595**

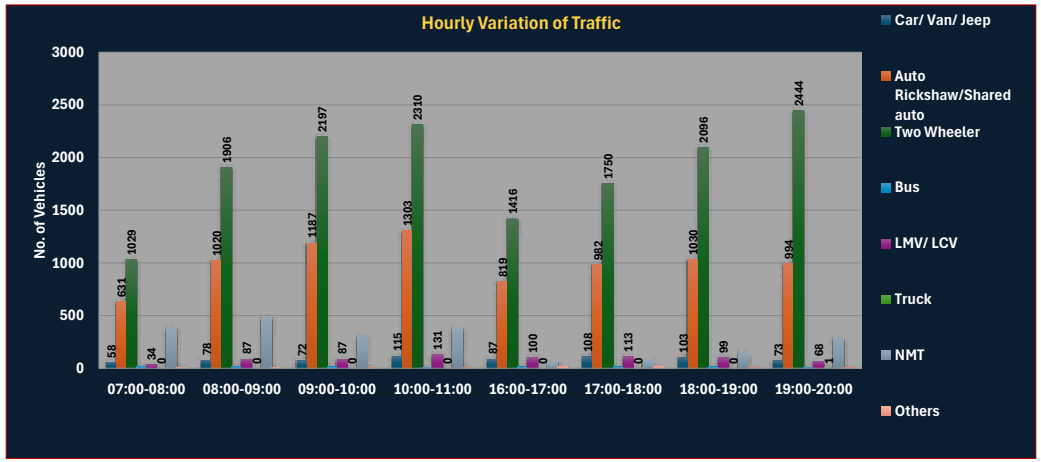




3.2 | SUMMARY OF CVC AT SCREENLINES

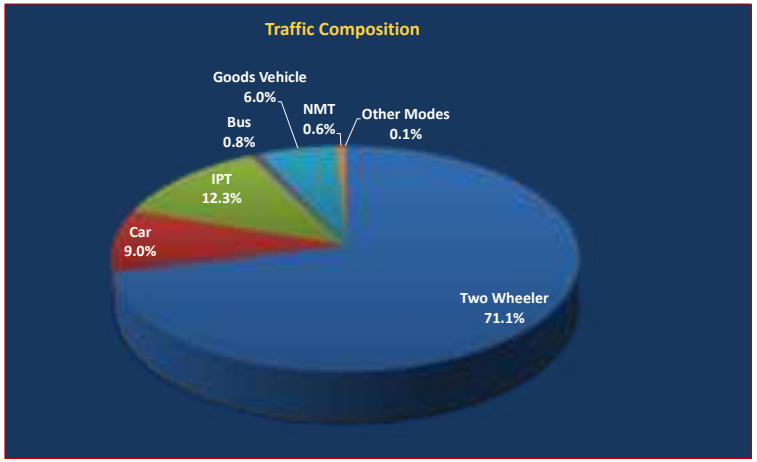
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Godadara Road, Near Parvat Gam (River/Canal Bridge)										Type of Screenline:	Screenline Count						Date:	12/8/2024					
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Gayatri Nagar to Parvat Gam	333	27	4,542	-	1	8,779	2	-	-	48	-	5	-	-	-	-	10	257	139	2	1,441	6	37	15,629	17,405
Parvat Gam to Gayatri Nagar	317	17	3,421	-	2	6,369	1	-	-	44	-	5	-	-	-	1	9	200	104	3	654	1	27	11,175	12,827
Total	**650**	**44**	**7,963**	**-**	**3**	**15,148**	**3**	**-**	**-**	**92**	**-**	**10**	**-**	**-**	**-**	**1**	**19**	**457**	**243**	**5**	**2,095**	**7**	**64**	**26,804**	**30,232**

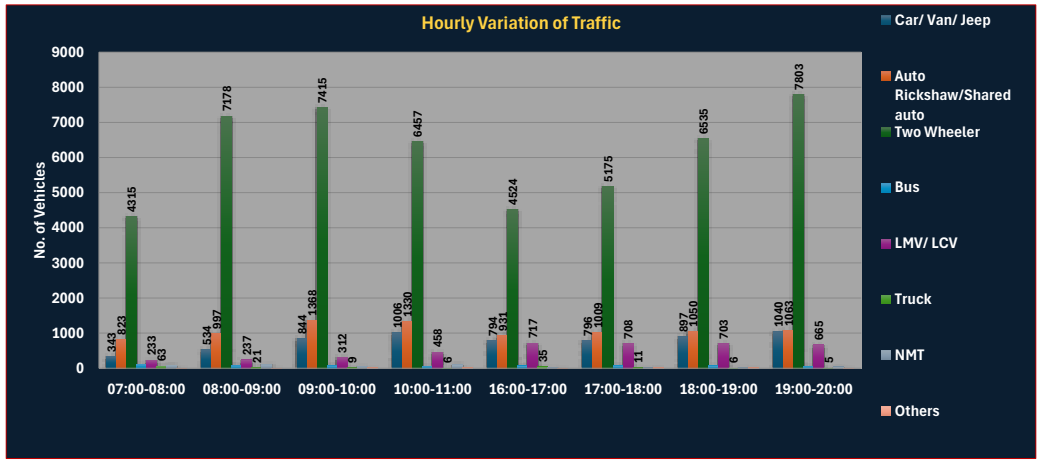




3.2 | SUMMARY OF CVC AT SCREENLINES

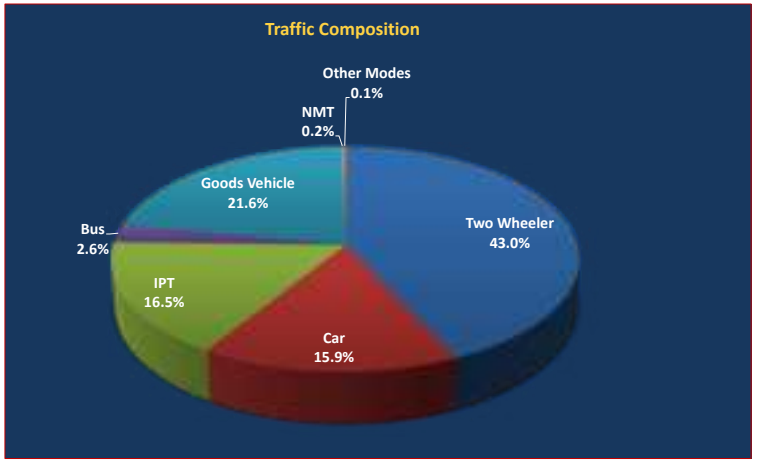
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Parvat Khadi Road (River/Canal Bridge)										Type of Screenline:	Screenline Count					Date:	12/8/2024						
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Puna Patia to Parvat Gam	2,969	116	4,763	1	1	25,667	4	2	31	1	247	37	1	15	20	50	216	815	1,121	5	337	8	17	36,444	35,809
Parvat Gam to Puna Patia	2,956	213	3,803	3	-	23,735	7	1	31	-	156	47	-	26	34	11	115	575	1,191	13	70	6	8	33,001	31,886
Total	**5,925**	**329**	**8,566**	**4**	**1**	**49,402**	**11**	**3**	**62**	**1**	**403**	**84**	**1**	**41**	**54**	**61**	**331**	**1,390**	**2,312**	**18**	**407**	**14**	**25**	**69,445**	**67,695**

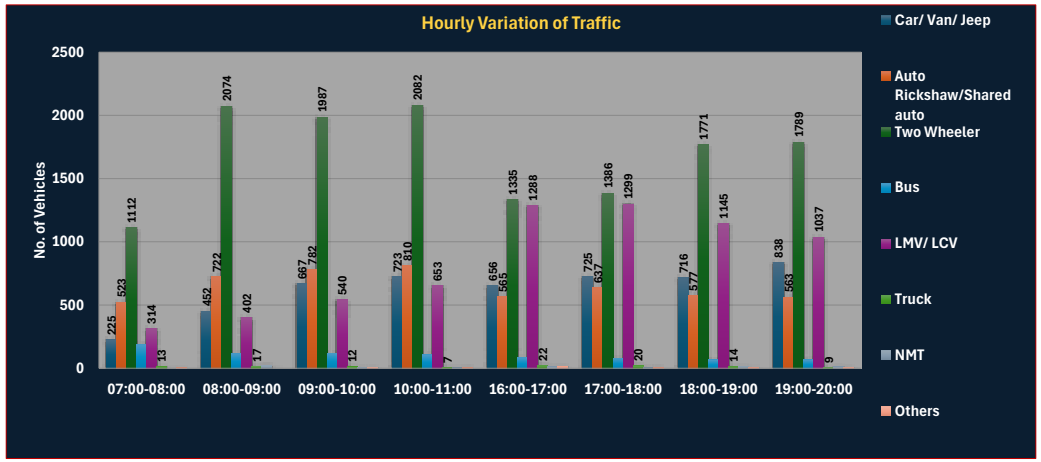




3.2 | SUMMARY OF CVC AT SCREENLINES

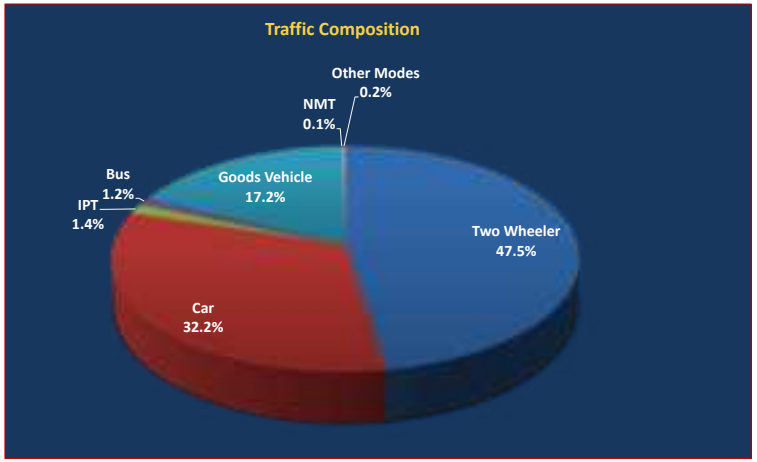
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Surat-Kadodara Road (River/Canal Bridge)										Type of Screenline:	Screenline Count				Date:	12/8/2024							
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Kadodara to Saroli	2,493	35	2,956	-	3	7,889	14	92	122	136	75	25	28	-	15	45	2,534	639	303	10	44	-	2	17,460	21,884
Saroli to Kadodara	2,398	76	2,217	-	3	5,647	3	41	74	126	41	29	23	21	17	16	2,296	608	298	27	19	11	6	13,997	17,888
Total	**4,891**	**111**	**5,173**	**-**	**6**	**13,536**	**17**	**133**	**196**	**262**	**116**	**54**	**51**	**21**	**32**	**61**	**4,830**	**1,247**	**601**	**37**	**63**	**11**	**8**	**31,457**	**39,772**

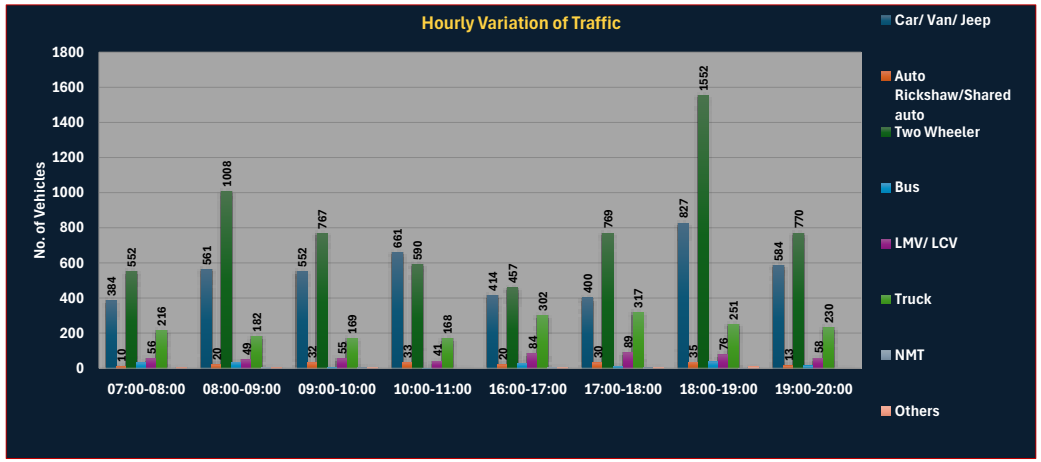




3.2 | SUMMARY OF CVC AT SCREENLINES

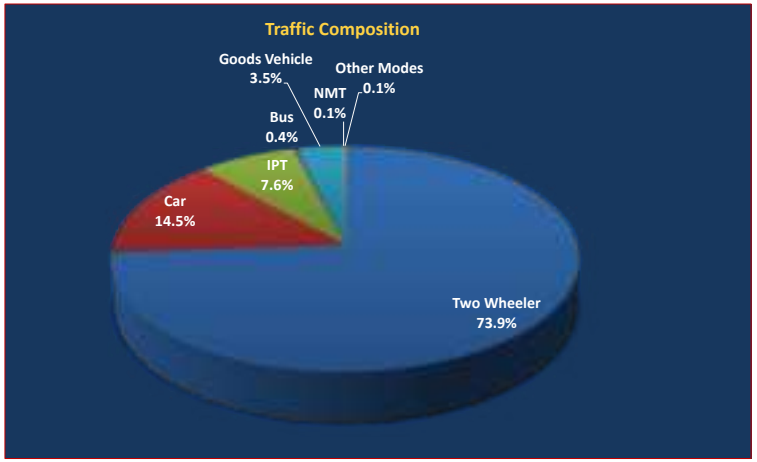
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	SH 168, Hazira-Sayan Road (River/Canal Bridge)										Type of Screenline:	Screenline Count					Date:	5/8/2024						
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Sayan to Hazira	2,224	50	-	88	-	3,164	7	1	29	3	-	22	-	103	352	505	104	10	135	7	2	2	6	6,814	7,765
Hazira to Sayan	2,096	13	2	103	-	3,301	4	2	49	2	3	41	2	77	187	611	102	24	133	11	7	7	9	6,786	7,751
Total	**4,320**	**63**	**2**	**191**	**-**	**6,465**	**11**	**3**	**78**	**5**	**3**	**63**	**2**	**180**	**539**	**1,116**	**206**	**34**	**268**	**18**	**9**	**9**	**15**	**13,600**	**15,515**

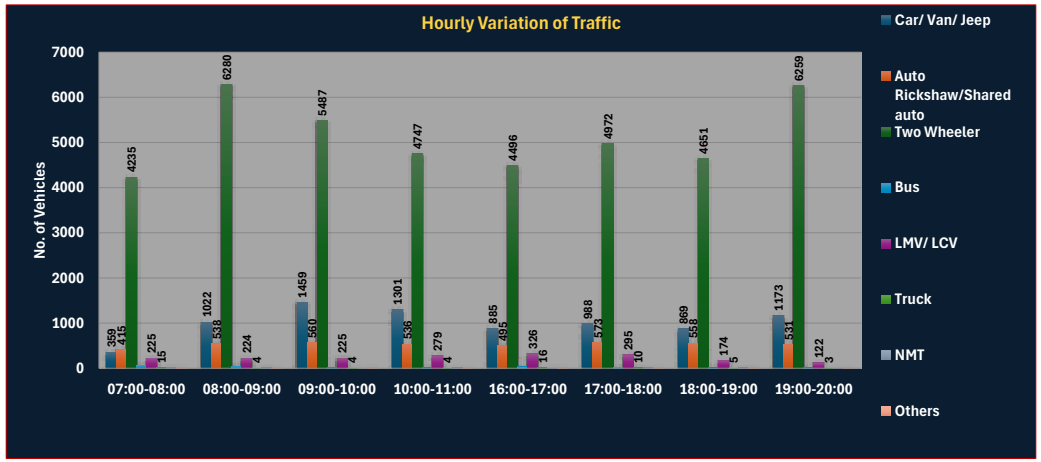




3.2 | SUMMARY OF CVC AT SCREENLINES

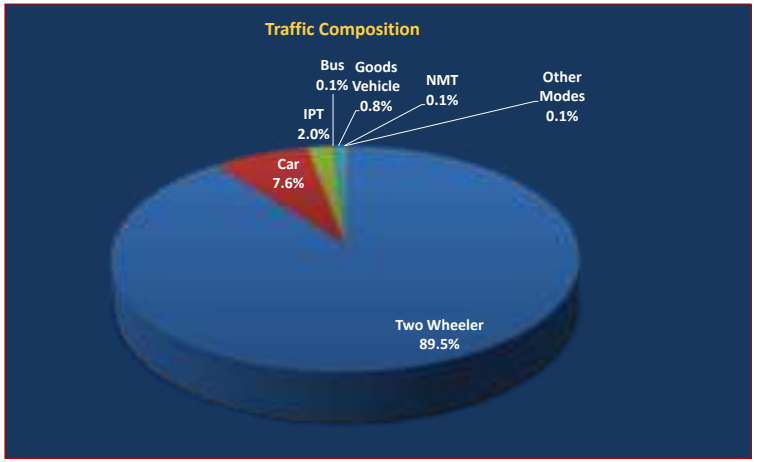
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	SH 167, Savaji Korat Bridge (Tapi River Bridge)										Type of Screenline:	Screenline Count				Date:	14/8/2024							
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Mota Varachha to Sarthana Nature Park	3,717	15	2,152	-	2	19,365	-	1	14	14	-	64	-	8	4	22	523	210	333	14	53	5	14	26,530	23,544
Sarthana Nature Park to Mota Varachha	4,317	7	2,051	-	1	21,762	-	-	14	16	-	85	1	13	3	11	394	172	238	13	15	3	11	29,127	25,419
Total	**8,034**	**22**	**4,203**	**-**	**3**	**41,127**	**-**	**1**	**28**	**30**	**-**	**149**	**1**	**21**	**7**	**33**	**917**	**382**	**571**	**27**	**68**	**8**	**25**	**55,657**	**48,962**

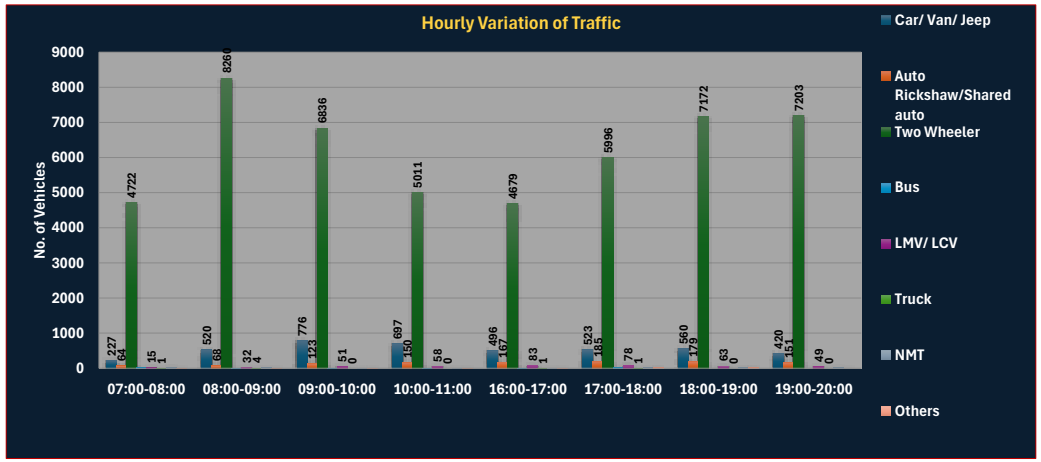




3.2 | SUMMARY OF CVC AT SCREENLINES

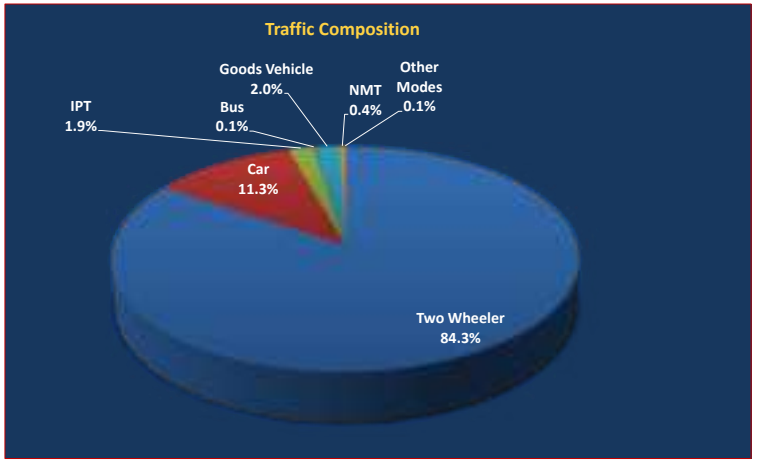
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Chikuvadi-Mota Varachha Bridge (Tapi River Bridge)										Type of Screenline:	Screenline Count				Date:	14/8/2024							
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Mota Varachha to Chikuvadi	1,730	39	583	2	3	22,238	3	-	1	-	-	2	-	4	-	1	20	97	80	9	11	1	6	24,830	19,485
Chikuvadi to Mota Varachha	2,375	75	497	-	2	27,641	6	-	5	-	-	12	-	2	-	-	38	89	105	10	39	8	5	30,909	24,214
Total	**4,105**	**114**	**1,080**	**2**	**5**	**49,879**	**9**	**-**	**6**	**-**	**-**	**14**	**-**	**6**	**-**	**1**	**58**	**186**	**185**	**19**	**50**	**9**	**11**	**55,739**	**43,700**

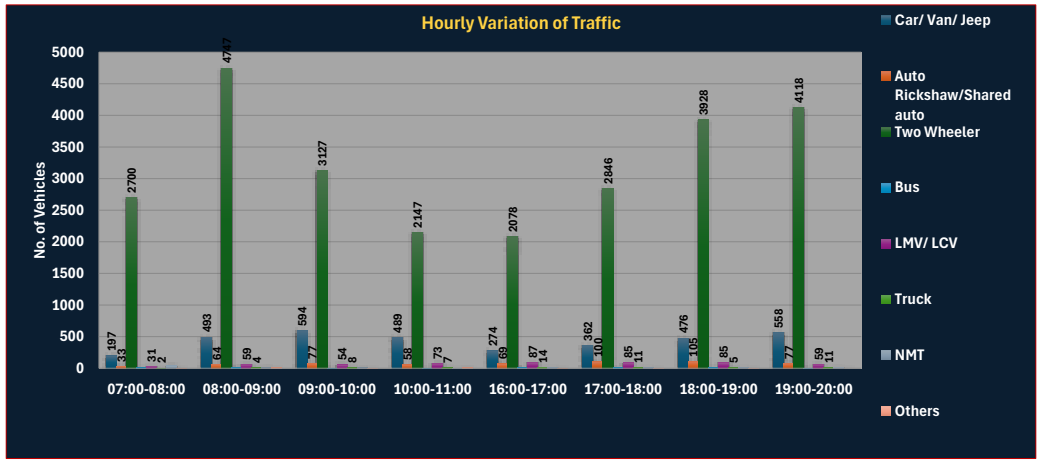




3.2 | SUMMARY OF CVC AT SCREENLINES

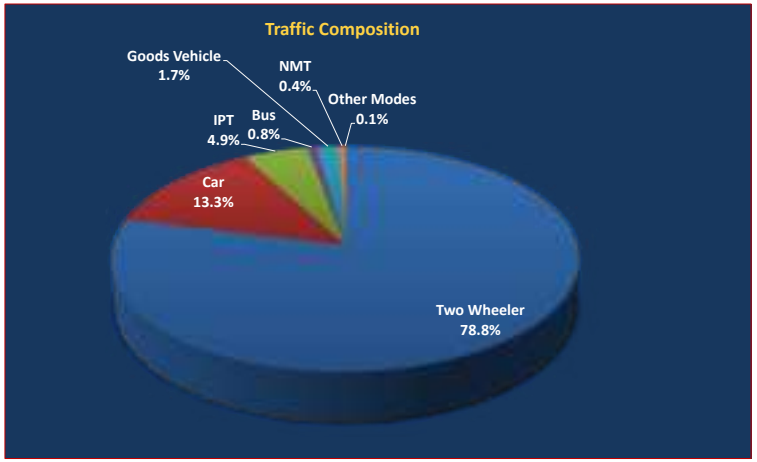
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Shahid bhagat Singh Bridge (Tapi River Bridge)										Type of Screenline:	Screenline Count				Date:	5/8/2024							
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Navapara to Dabholi	1,536	18	296	-	-	14,652	3	-	13	-	-	3	-	8	17	14	27	73	163	11	66	1	1	16,902	13,451
Dabholi to Navapara	1,888	1	287	-	-	11,039	2	-	9	-	-	7	-	2	3	18	36	64	170	9	45	2	-	13,582	11,023
Total	**3,424**	**19**	**583**	**-**	**-**	**25,691**	**5**	**-**	**22**	**-**	**-**	**10**	**-**	**10**	**20**	**32**	**63**	**137**	**333**	**20**	**111**	**3**	**1**	**30,484**	**24,474**

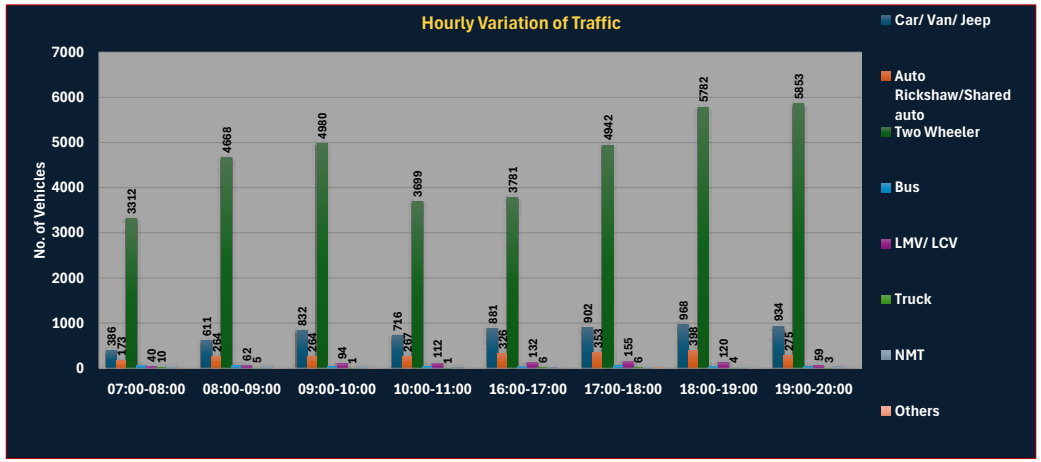




3.2 | SUMMARY OF CVC AT SCREENLINES

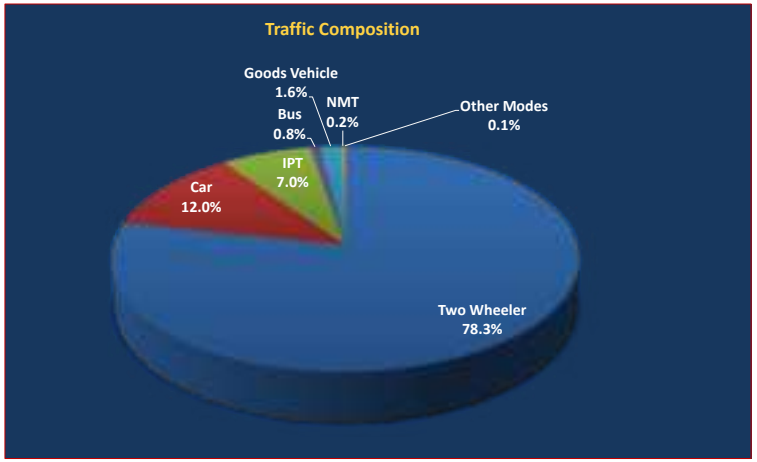
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Dr. Shyamaprasad Mukherji Bridge (Tapi River Bridge)										Type of Screenline:	Screenline Count					Date:	6/8/2024						
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Dabholi to Morabhagal	2,913	120	1,162	-	-	17,928	8	2	13	97	-	61	4	1	11	5	51	120	203	-	92	2	17	22,810	18,885
Morabhagal to Dabholi	3,082	115	1,158	-	-	19,089	6	1	9	107	-	55	3	1	10	8	32	126	242	3	112	2	6	24,167	19,945
Total	**5,995**	**235**	**2,320**	**-**	**-**	**37,017**	**14**	**3**	**22**	**204**	**-**	**116**	**7**	**2**	**21**	**13**	**83**	**246**	**445**	**3**	**204**	**4**	**23**	**46,977**	**38,830**

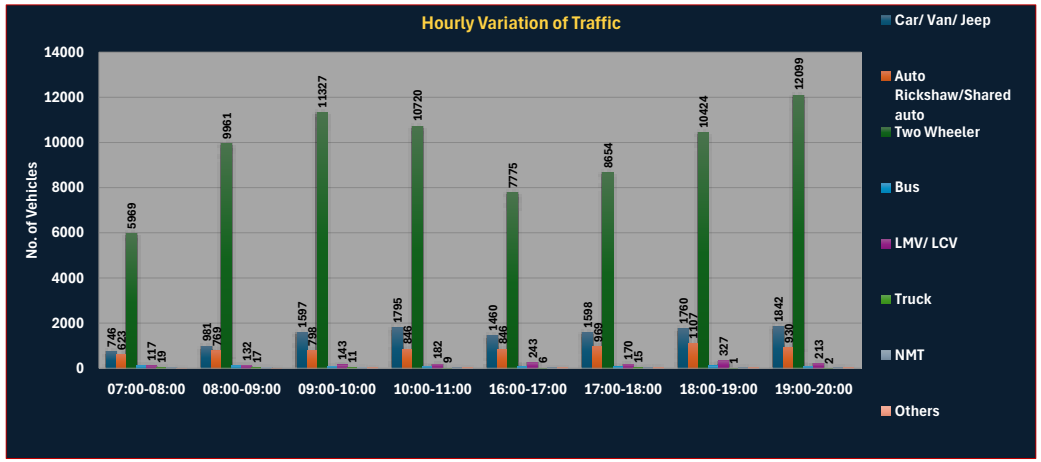




3.2 | SUMMARY OF CVC AT SCREENLINES

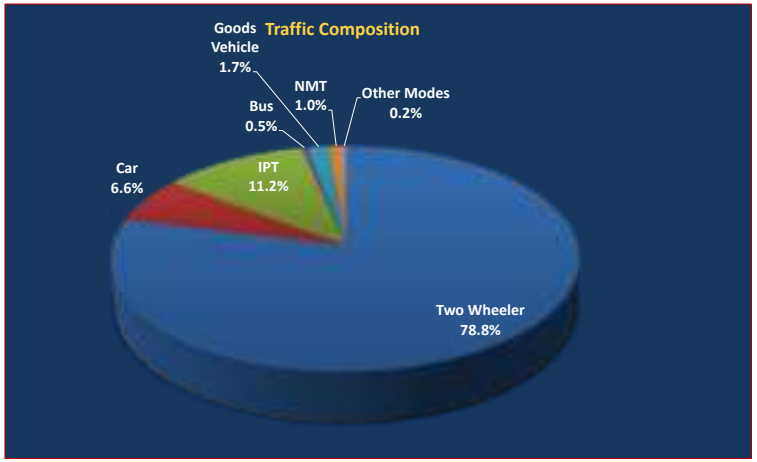
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Shree Chandrashekar Azad Bridge (Tapi River Bridge)										Type of Screenline:	Screenline Count						Date:	6/8/2024					
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Variyadi Bazar to Adajan Patiya	5,429	544	3,581	2	-	37,745	10	32	52	110	138	53	6	21	18	7	27	327	537	-	86	5	52	48,782	42,317
Adajan Patiya to Variyadi Bazar	5,364	442	2,622	683	-	39,184	2	19	50	108	141	38	-	19	11	4	52	262	322	1	123	13	51	49,511	42,082
Total	**#####**	**986**	**6,203**	**685**	**-**	**76,929**	**12**	**51**	**102**	**218**	**279**	**91**	**6**	**40**	**29**	**11**	**79**	**589**	**859**	**1**	**209**	**18**	**103**	**98,293**	**84,399**

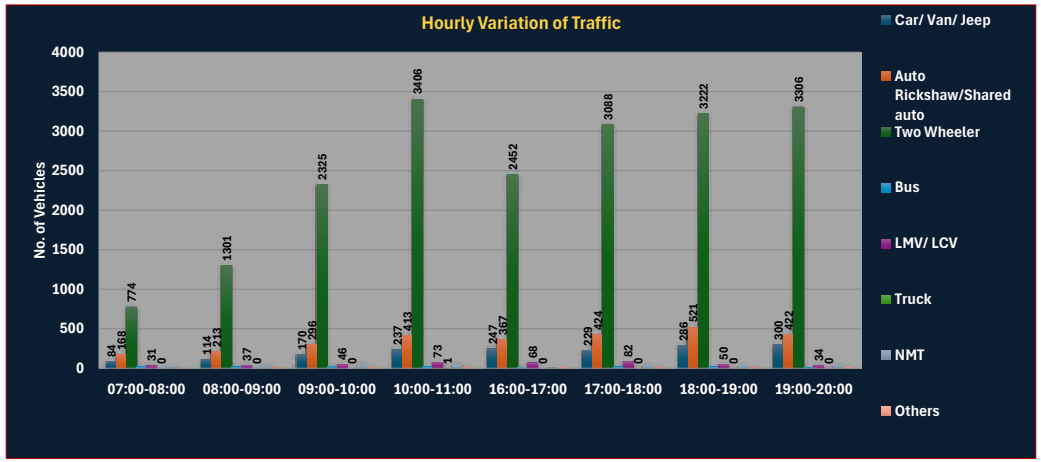




3.2 | SUMMARY OF CVC AT SCREENLINES

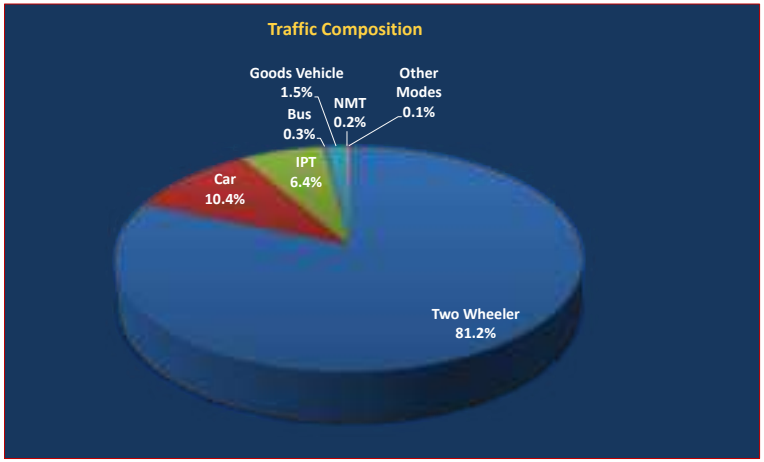
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Makkai Bridge Road (Tapi River Bridge)										Type of Screenline:	Screenline Count				Date:	6/8/2024							
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Choksi Wadi to Majura Gate	674	66	1,391	4	-	9,506	1	-	2	63	-	1	-	-	-	-	14	113	69	3	111	2	26	12,046	11,166
Majura Gate to Choksi Wadi	815	112	1,429	-	-	10,368	-	-	2	61	-	5	-	1	-	-	6	123	96	1	144	3	23	13,189	12,115
Total	**1,489**	**178**	**2,820**	**4**	**-**	**19,874**	**1**	**-**	**4**	**124**	**-**	**6**	**-**	**1**	**-**	**-**	**20**	**236**	**165**	**4**	**255**	**5**	**49**	**25,235**	**23,281**

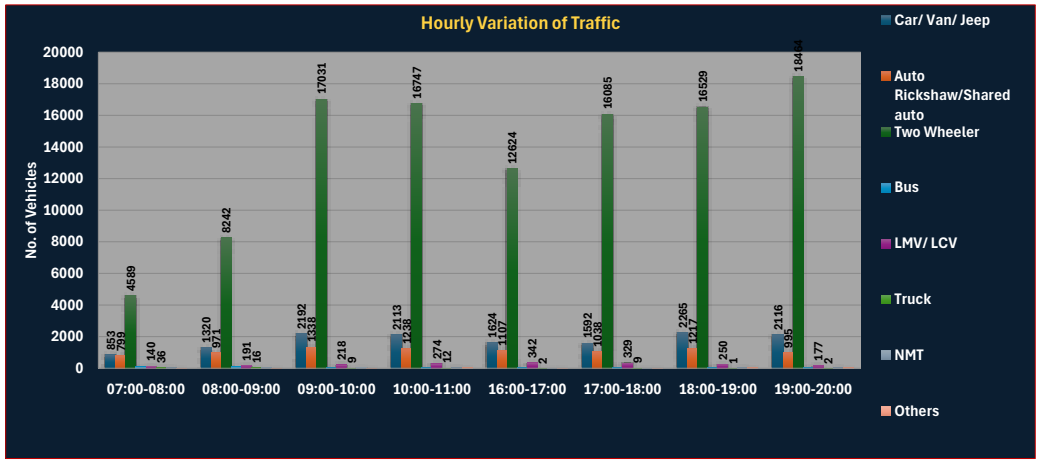




3.2 | SUMMARY OF CVC AT SCREENLINES

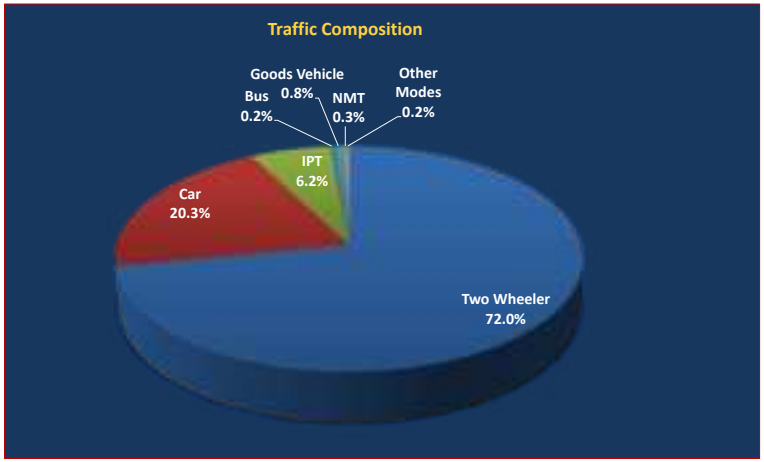
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Sardar Bridge (Tapi River Bridge)										Type of Screenline:	Screenline Count					Date:	6/8/2024						
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised				
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others	Total Vehicles	Total PCUs
Mahernagar Society to Athwa Gate	6,817	374	4,850	-	4	66,360	12	-	65	28	31	40	14	13	6	35	111	367	648	5	113	2	44	79,939	66,912
Athwa Gate to Mahernagar Society	6,656	228	3,819	30	-	43,951	8	3	44	37	33	29	28	10	10	13	38	276	481	7	156	5	47	55,909	47,710
Total	**#####**	**602**	**8,669**	**30**	**4**	**110,311**	**20**	**3**	**109**	**65**	**64**	**69**	**42**	**23**	**16**	**48**	**149**	**643**	**1,129**	**12**	**269**	**7**	**91**	**######**	**114,622**

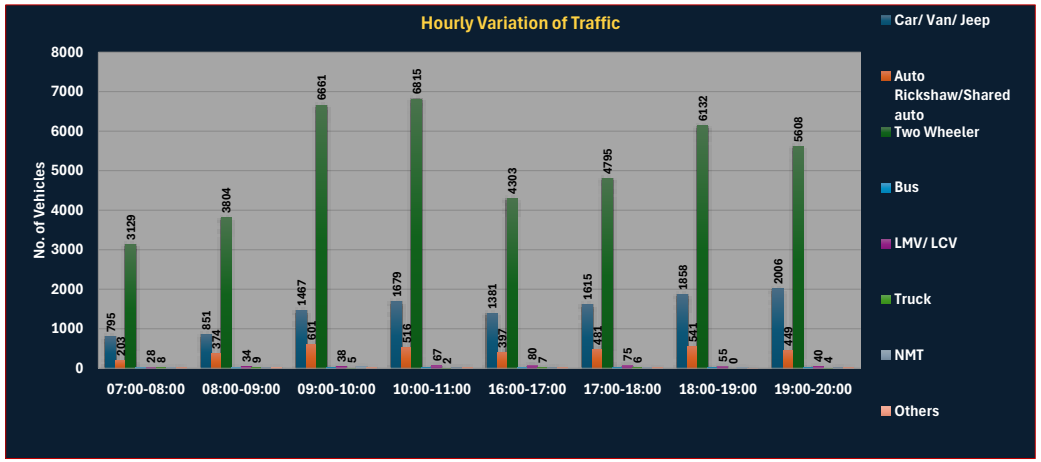




3.2 | SUMMARY OF CVC AT SCREENLINES

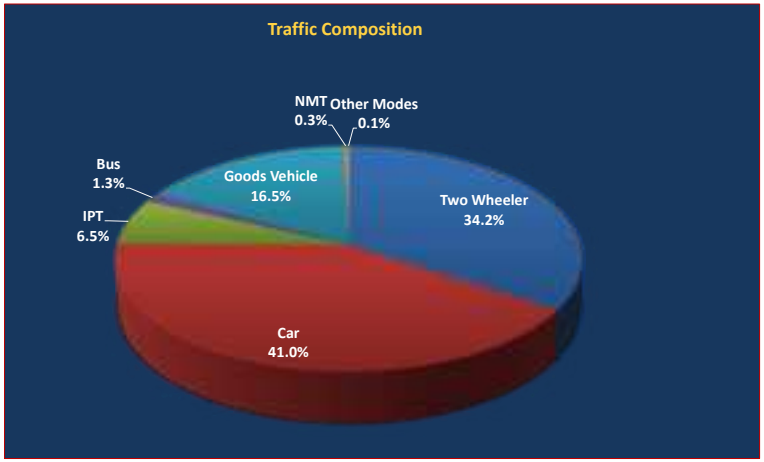
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Pandit Deendayal Upadhyay Bridge (Tapi River Bridge)										Type of Screenline:	Screenline Count					Date:	7/8/2024						
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised				
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others	Total Vehicles	Total PCUs
Adajan Gam to Meghdoot Society	4,798	251	1,566	-	1	16,961	6	-	9	9	-	27	-	3	8	1	7	58	95	11	97	2	27	23,937	20,763
Meghdoot Society to Adajan Gam	6,406	197	1,983	11	1	24,286	9	3	3	12	2	43	1	13	10	6	30	98	129	39	49	10	20	33,361	28,793
Total	**#####**	**448**	**3,549**	**11**	**2**	**41,247**	**15**	**3**	**12**	**21**	**2**	**70**	**1**	**16**	**18**	**7**	**37**	**156**	**224**	**50**	**146**	**12**	**47**	**57,298**	**49,555**

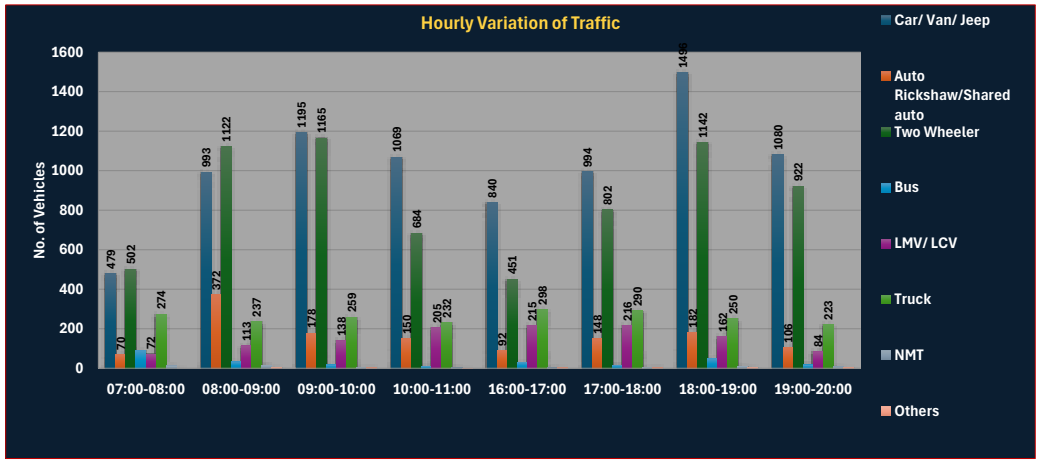




3.2 | SUMMARY OF CVC AT SCREENLINES

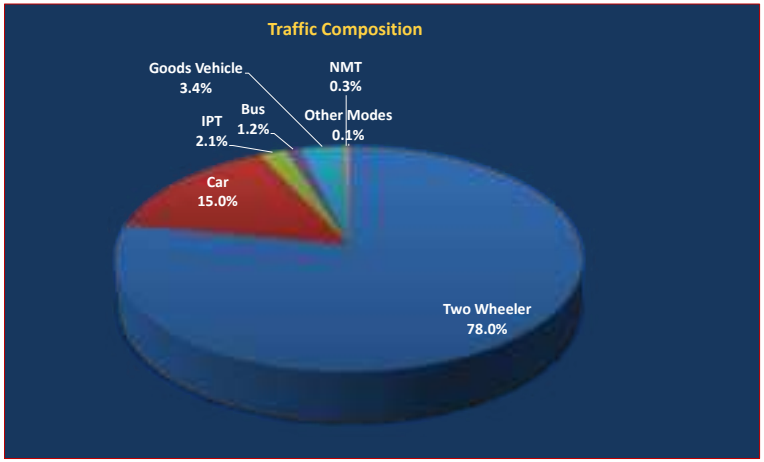
Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	NH-53, Hazira Bridge (Tapi River Bridge)										Type of Screenline:	Screenline Count					Date:	7/8/2024						
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Ichchhapor to Magdalla	4,108	54	536	8	-	3,150	11	5	32	2	6	56	17	82	164	644	304	27	286	6	19	-	8	9,525	11,014
Magdalla to Ichchhapor	3,847	137	753	1	-	3,640	14	7	48	5	3	46	14	173	267	733	240	32	316	5	45	1	4	10,331	12,205
Total	**7,955**	**191**	**1,289**	**9**	**-**	**6,790**	**25**	**12**	**80**	**7**	**9**	**102**	**31**	**255**	**431**	**1,377**	**544**	**59**	**602**	**11**	**64**	**1**	**12**	**19,856**	**23,219**

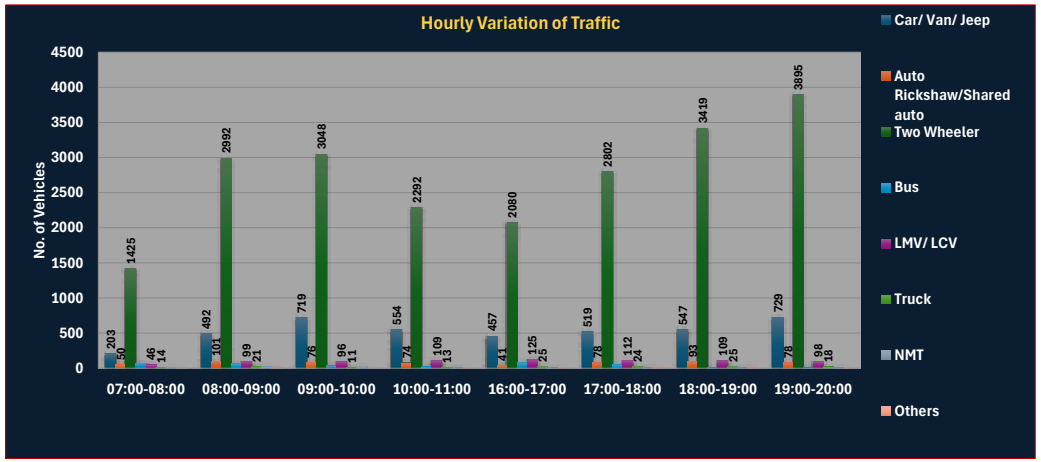




3.2 | SUMMARY OF CVC AT SCREENLINES

Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Road/Location:	Abrama- Valak Bridge (Tapi River Bridge)										Type of Screenline:	Screenline Count					Date:	14/8/2024						
Type of Vehicle	Passenger Vehicles													Goods Vehicles						Tractor	Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Abrama to Laskana	2,004	30	282	-	-	8,910	10	10	4	-	-	121	3	22	25	34	59	44	284	4	69	-	4	11,919	10,135
Laskana to Abrama	2,169	17	309	-	-	13,043	22	15	-	-	-	145	3	15	9	46	98	59	250	9	22	-	5	16,236	13,495
Total	**4,173**	**47**	**591**	**-**	**-**	**21,953**	**32**	**25**	**4**	**-**	**-**	**266**	**6**	**37**	**34**	**80**	**157**	**103**	**534**	**13**	**91**	**-**	**9**	**28,155**	**23,631**





3.3 | TURNING MOVEMENT COUNTS

Revision of Comprehensive Mobility Plans (CMP) For Surat City																									
Name of the Junction: Outer Ring Road & Amroli- Sayan Junct														Junction Type: 4-Arm							Date: 2/8/2024					
	Passenger Vehicles													Goods Vehicles								Non-motorised				
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others	Total Vehicles	Total PCUs
Straight, Right and Left Turn Movements																									
Sayan to Bharthana	53	-	16	-	-	158	-	-	-	-	-	-	1	2	-	7	5	4	5	3	-	-	-	254	250
Bharthana to Sayan	52	-	22	-	-	141	-	-	-	-	-	-	-	2	1	18	4	3	10	-	-	-	-	253	262
Sayan to Amroli	1,181	19	846	-	-	5,131	1	-	7	16	-	3	2	9	10	26	97	84	386	16	156	2	14	8,006	7,491
Amroli to Sayan	1,240	23	745	18	-	4,122	1	-	3	18	-	6	2	10	14	36	92	95	381	13	76	-	-	6,895	6,624
Sayan to Variyav Y Junction	1,217	3	73	-	-	1,518	2	-	4	1	-	-	-	29	45	672	121	10	84	2	11	-	-	3,792	4,442
Variyav Y Junction to Sayan	1,506	-	56	-	-	824	1	1	5	-	-	4	1	60	87	450	142	10	103	2	-	1	1	3,254	3,919
Bharthana to Amroli	34	1	13	-	-	181	-	-	-	-	-	-	-	1	-	2	8	-	34	-	12	-	-	286	262
Amroli to Bharthana	17	-	2	-	-	3	-	-	-	-	-	-	-	1	-	-	2	1	20	1	-	-	-	47	61
Bharthana to Variyav Y Junction	363	-	36	-	-	582	-	-	1	-	-	2	-	2	-	6	4	-	26	3	-	1	1	1,027	938
Variyav Y Junction to Bharthana	217	-	10	-	1	174	-	-	-	-	-	-	-	2	3	1	5	3	32	-	-	-	-	448	433
Amroli to Variyav Y Junction	113	4	17	-	-	334	-	-	6	7	-	1	1	2	5	5	3	4	12	-	2	-	2	518	484
Variyav Y Junction to Amroli	33	-	3	-	-	11	-	1	4	3	-	1	-	2	-	-	1	-	2	-	-	-	-	61	74
Total	**6,026**	**50**	**1,839**	**18**	**1**	**13,179**	**5**	**2**	**30**	**45**	**-**	**17**	**7**	**122**	**165**	**1,223**	**484**	**214**	**1,095**	**40**	**257**	**4**	**18**	**24,841**	**25,240**

3.3 | TURNING MOVEMENT COUNTS

Revision of Comprehensive Mobility Plans (CMP) For Surat City																									
Name of the Junction: SH-167 & SH-605 Junction, Rangoli Chc											Junction Type: 4-Arm								Date: 2/8/2024						
	Passenger Vehicles													Goods Vehicles							Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Straight, Right and Left Turn Movements																									
Pardi to Kathor	114	-	40	-	-	187	2	-	-	-	-	2	-	2	2	15	19	4	17	2	-	1	1	408	371
Kathor to Pardi	10	-	19	-	-	113	-	-	-	-	-	-	-	-	-	1	6	1	1	1	-	-	-	152	107
Pardi to Gothan	382	-	75	-	-	380	1	-	-	-	-	9	-	2	-	-	29	5	73	1	-	-	2	959	843
Gothan to Pardi	616	27	221	-	-	1,071	1	-	-	-	-	14	-	6	7	4	113	10	58	1	2	-	1	2,152	1,771
Pardi to Sayan	93	-	17	-	-	148	-	2	1	-	-	1	-	-	-	-	10	1	14	-	-	-	-	287	231
Sayan to Pardi	2,663	7	125	-	-	2,294	28	1	7	2	-	29	3	24	35	708	352	32	182	9	-	-	6	6,507	6,617
Kathor to Gothan	228	-	83	-	-	328	6	-	-	-	-	2	-	4	1	11	95	3	69	2	-	-	-	832	781
Gothan to Kathor	598	-	15	-	-	129	6	-	1	-	-	13	1	3	4	6	20	4	23	-	-	-	2	825	819
Kathor to Sayan	953	3	175	-	-	1,090	1	-	1	1	-	-	1	91	73	755	668	4	197	95	-	-	2	4,110	5,340
Sayan to Kathor	149	6	23	-	-	234	1	-	-	-	-	3	-	-	-	5	22	4	5	-	-	-	-	452	361
Gothan to Sayan	62	-	22	-	-	150	3	-	-	-	-	4	-	-	1	2	26	3	4	2	-	-	-	279	237
Sayan to Gothan	206	1	90	-	-	756	-	-	2	8	-	3	-	1	-	2	16	3	14	2	-	-	-	1,104	782
Total	**6,074**	**44**	**905**	**-**	**-**	**6,880**	**49**	**3**	**12**	**11**	**-**	**80**	**5**	**133**	**123**	**1,509**	**1,376**	**74**	**657**	**115**	**2**	**1**	**14**	**18,067**	**18,258**

3.3 | TURNING MOVEMENT COUNTS

Revision of Comprehensive Mobility Plans (CMP) For Surat City																									
Name of the Junction: NH-48 & SH-167 Junction, Kamrej Cros								Junction Type: 4-Arm											Date: 1/8/2024						
	Passenger Vehicles													Goods Vehicles								Non-motorised				
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others	Total Vehicles	Total PCUs
Straight, Right and Left Turn Movements																									
Pardi to Kamrej	746	7	247	-	-	1,844	2	-	1	-	-	8	-	8	1	3	14	17	80	1	6	7	3	2,995	2,194
Kamrej to Pardi	681	1	301	-	-	1,700	-	-	-	-	-	1	-	2	1	-	98	14	125	-	5	-	-	2,929	2,233
Pardi to Kadodara	2,040	-	366	-	-	2,456	-	1	27	-	-	1	-	3	2	8	109	4	338	1	-	-	1	5,357	4,436
Kadodara to Pardi	388	-	93	-	-	177	3	2	16	-	-	15	-	6	2	8	21	5	74	2	-	-	3	815	852
Pardi to Laskana	2,520	-	476	-	-	2,683	5	166	75	-	-	21	-	27	9	14	93	35	352	3	-	1	2	6,482	5,808
Laskana to Pardi	1,547	5	618	1	-	2,408	6	191	78	-	-	37	4	8	5	33	83	77	292	7	10	-	5	5,415	4,947
Kamrej to Kadodara	3,722	2	712	-	2	10,270	2	-	-	-	-	22	-	6	3	15	163	81	202	14	11	3	1	15,231	10,494
Kadodara to Kamrej	145	-	96	-	-	152	1	-	1	-	-	8	-	-	1	-	4	2	21	1	-	-	-	432	401
Kamrej to Laskana	288	6	101	-	-	1,432	-	-	3	-	-	3	-	-	1	-	9	4	19	-	1	-	1	1,868	1,193
Laskana to Kamrej	2,208	12	568	22	2	7,020	8	25	26	-	-	87	5	10	11	23	101	72	328	8	1	2	5	10,544	7,593
Kadodara to Laskana	233	5	86	-	-	156	1	5	9	-	-	6	3	4	4	8	51	11	97	2	-	1	1	683	738
Laskana to Kadodara	197	4	1,054	10	154	1,278	1	1	-	-	-	3	-	-	-	-	1	17	27	2	9	2	1	2,761	2,388
U-turn Movements																									
Laskana to Laskana	-	-	-	-	-	-	-	-	-	-	129	-	-	-	-	-	-	-	-	-	-	-	-	129	284
Total	**14,715**	**42**	**4,718**	**33**	**158**	**31,576**	**29**	**391**	**236**	**-**	**129**	**212**	**12**	**74**	**40**	**112**	**747**	**339**	**1,955**	**41**	**43**	**16**	**23**	**55,641**	**43,559**

3.3 | TURNING MOVEMENT COUNTS

Revision of Comprehensive Mobility Plans (CMP) For Surat City																									
Name of the Junction: SH-6 & SH-611, Sachin Char Rasta Junc								Junction Type: 4-Arm									Date: 30/7/2024								
	Passenger Vehicles													Goods Vehicles							Non-motorised				
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others	Total Vehicles	Total PCUs
Straight, Right and Left Turn Movements																									
Sachin INA to Lingad	101	-	170	-	-	120	-	-	-	-	-	-	-	-	4	5	7	16	60	2	-	-	3	488	510
Lingad to Sachin INA	189	4	213	-	-	500	-	-	-	-	-	-	-	-	-	1	2	9	21	-	28	2	2	971	761
Sachin INA to Lajpur	1,952	102	1,952	1	-	3,372	2	6	1	10	-	-	-	-	32	13	92	110	258	7	22	7	30	7,969	6,937
Lajpur to Sachin INA	1,529	34	947	-	-	2,173	1	75	12	9	-	-	2	8	1	15	80	14	216	1	-	-	18	5,135	4,518
Sachin INA to Kansad	265	-	144	-	-	446	-	-	-	2	-	-	-	-	1	-	4	16	29	2	-	-	4	913	747
Kansad to Sachin INA	222	-	290	-	-	379	-	-	-	3	-	-	-	1	2	1	3	31	51	6	7	-	3	999	919
Lingad to Lajpur	82	1	157	-	-	271	-	-	-	-	-	-	-	-	-	-	1	5	16	4	10	-	6	553	466
Lajpur to Lingad	243	1	139	-	-	532	1	-	-	-	-	2	-	-	-	2	4	4	11	2	3	-	-	944	722
Lingad to Kansad	378	2	1,135	-	-	1,450	-	-	-	-	-	-	-	1	2	3	28	117	169	5	92	1	5	3,388	2,962
Kansad to Lingad	371	-	805	-	-	755	-	-	-	-	-	-	1	1	2	1	45	88	247	6	17	-	1	2,340	2,272
Lajpur to Kansad	862	-	1,454	-	-	1,898	-	-	-	-	-	-	-	8	-	8	50	24	96	4	2	-	6	4,412	3,850
Kansad to Lajpur	742	6	886	-	-	1,875	1	-	-	-	-	-	1	5	5	5	54	37	135	5	1	-	1	3,759	3,116
Total	**6,936**	**150**	**8,292**	**1**	**-**	**13,771**	**5**	**81**	**13**	**24**	**-**	**2**	**4**	**24**	**49**	**54**	**370**	**471**	**1,309**	**44**	**182**	**10**	**79**	**31,871**	**27,780**

3.3 | TURNING MOVEMENT COUNTS

Revision of Comprehensive Mobility Plans (CMP) For Surat City																									
Name of the Junction: NH-53 & Hazira Bypass Junction, Mora													Junction Type: 3-Arm							Date: 29/7/2024					
	Passenger Vehicles													Goods Vehicles								Non-motorised				
Direction	Car/Van/ Jeep.Pvt	Car/Van / Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others	Total Vehicles	Total PCUs
Straight, Right and Left Turn Movements																									
Ichchhapor to Hazira Gam	3,188	-	242	-	-	865	47	20	120	-	-	48	222	33	187	1,711	149	8	227	4	41	-	5	7,117	14,153
Hazira Gam to Ichchhapor	3,072	203	151	-	-	1,229	19	12	44	-	-	16	159	15	132	1,062	70	10	131	5	14	1	5	6,350	10,345
Ichchhapor to Hazira	799	40	396	-	1	862	9	7	13	-	-	5	26	2	1	41	26	10	103	7	1,029	1	6	3,384	2,803
Hazira to Ichchhapor	615	1	296	-	-	360	6	13	4	-	-	5	27	1	14	22	15	4	30	8	36	-	1	1,458	1,522
Hazira Gam to Hazira	710	22	264	-	2	442	7	2	35	-	-	16	82	1	1	11	14	-	67	-	230	1	2	1,909	1,937
Hazira to Hazira Gam	1,147	6	177	-	-	694	4	5	53	-	-	7	63	-	4	26	12	1	86	3	971	-	5	3,264	2,863
Total	**9,531**	**272**	**1,526**	**-**	**3**	**4,452**	**92**	**59**	**269**	**-**	**-**	**97**	**579**	**52**	**339**	**2,873**	**286**	**33**	**644**	**27**	**2,321**	**3**	**24**	**23,482**	**33,622**

3.3 | TURNING MOVEMENT COUNTS

Revision of Comprehensive Mobility Plans (CMP) For Surat City																										
Name of the Junction: SH-167 & Yogeshwar Road Junction, SI														Junction Type: 4-Arm						Date: 1/8/2024						
	Passenger Vehicles													Goods Vehicles							Non-motorised					
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others	Total Vehicles	Total PCUs
Straight, Right and Left Turn Movements																										
Sarthana to Kamrej	969	3	133	-	-	4,453	1	-	-	-	-	10	-	4	-	3	18	27	56	5	4	-	2	5,688	3,558
Kamrej to Sarthana	471	-	45	-	-	3,919	1	-	1	-	-	12	-	1	-	6	3	6	7	1	1	-	-	4,474	2,556
Sarthana to Hirabag	664	24	240	-	2	2,282	5	1	1	-	-	26	-	16	13	19	39	50	83	3	7	2	3	3,480	2,547
Hirabag to Sarthana	387	6	54	-	-	722	3	-	3	-	-	21	-	3	7	7	11	21	47	2	2	-	4	1,300	1,034
Sarthana to Nana Varachha	748	7	301	-	-	2,159	4	1	1	-	-	33	-	3	2	-	17	38	82	3	9	1	2	3,411	2,494
Nana Varachha to Sarthana	504	7	203	-	-	1,675	4	-	5	1	-	35	-	-	4	3	18	23	33	3	-	-	2	2,520	1,817
Kamrej to Hirabag	280	2	59	-	-	1,572	1	-	28	-	-	43	2	4	3	12	66	48	18	6	-	-	-	2,144	1,542
Hirabag to Kamrej	86	2	12	-	-	150	-	-	33	-	-	25	-	2	1	3	4	9	22	-	-	-	1	350	367
Kamrej to Nana Varachha	2,751	72	1,895	93	4	61,476	3	197	43	-	116	200	9	5	3	2	602	431	561	12	2	1	6	68,484	39,425
Nana Varachha to Kamrej	3,810	48	2,239	-	69	12,775	7	216	61	-	143	239	13	4	5	9	110	253	446	7	1	-	3	20,458	15,658
Hirabag to Nana Varachha	50	1	33	-	-	285	1	-	2	4	-	1	-	-	-	-	1	3	5	-	-	-	-	386	262
Nana Varachha to Hirabag	109	4	80	-	1	329	1	2	5	4	-	4	-	-	2	2	10	8	16	1	-	-	1	579	469
Total	**10,829**	**176**	**5,294**	**93**	**76**	**91,797**	**31**	**417**	**183**	**9**	**259**	**649**	**24**	**42**	**40**	**66**	**899**	**917**	**1,376**	**43**	**26**	**4**	**24**	**113,274**	**71,728**

3.3 | TURNING MOVEMENT COUNTS

Revision of Comprehensive Mobility Plans (CMP) For Surat City																									
Name of the Junction: BRTS Road & Vesu Canal Road Junctic								Junction Type: 4-Arm										Date: 1/8/2024							
	Passenger Vehicles													Goods Vehicles							Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Straight, Right and Left Turn Movements																									
Simada Naka to Kosmada	497	-	77	-	-	646	1	27	9	-	-	8	4	16	15	2	38	12	62	-	1	1	1	1,417	1,250
Kosmada to Simada Naka	1,033	-	131	-	-	1,454	1	33	27	1	-	12	1	19	31	85	173	51	97	3	5	-	5	3,162	2,839
Simada Naka to Parvat Patiya	1,312	-	646	-	-	5,518	2	6	6	-	59	17	1	4	1	10	44	97	292	2	2	-	1	8,020	5,675
Parvat Patiya to Simada Naka	873	8	468	-	-	4,635	1	-	8	-	60	15	1	2	4	12	35	113	280	5	4	-	2	6,526	4,587
Kosmada to Parvat Patiya	3,595	-	498	-	-	5,390	5	68	32	-	79	74	12	1	10	8	147	125	723	-	2	-	3	10,772	8,893
Parvat Patiya to Kosmada	4,540	47	1,490	11	3	9,076	6	42	54	-	89	117	8	42	38	62	342	283	1,424	7	4	-	13	17,698	14,794
U-turn Movements																									
Kosmada to Kosmada	106	-	13	-	-	33	1	-	42	1	-	1	1	7	8	6	43	6	36	-	-	-	1	305	404
Total	**11,956**	**55**	**3,323**	**11**	**3**	**26,752**	**17**	**176**	**178**	**2**	**287**	**244**	**28**	**91**	**107**	**185**	**822**	**687**	**2,914**	**17**	**18**	**1**	**26**	**47,900**	**38,441**

3.3 | TURNING MOVEMENT COUNTS

Revision of Comprehensive Mobility Plans (CMP) For Surat City																									
Name of the Junction: Green Road & Mota Varachha Main Roa														Junction Type: 4-Arm						Date: 1/8/2024					
	Passenger Vehicles													Goods Vehicles							Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van / Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Straight, Right and Left Turn Movements																									
Green Road to Mota Varachaa	1,541	42	1,176	-	4	9,970	10	-	19	-	11	39	4	1	-	3	21	87	143	6	44	5	11	13,137	8,567
Mota Varachaa to Green Road	1,383	33	394	-	-	8,509	-	-	-	-	-	46	-	-	-	8	140	72	124	14	8	-	-	10,731	6,777
Green Road to Kapodra Bridge	824	34	1,133	-	5	8,948	2	-	2	-	33	6	1	-	-	2	35	86	183	2	50	-	26	11,372	7,273
Kapodra Bridge to Green Road	719	33	1,004	-	-	8,254	2	-	2	-	9	6	-	2	-	1	16	127	202	12	60	2	3	10,454	6,668
Green Road to Uttran Road	2	-	6	1	-	209	-	-	-	-	-	-	-	-	-	-	-	1	2	-	4	-	-	225	121
Uttran Road to Green Road	42	-	33	-	1	278	-	-	-	-	9	-	-	-	-	-	1	1	2	-	2	-	2	371	251
Mota Varachaa to Kapodra Bridge	1,054	-	1,093	-	-	14,802	6	2	3	-	19	15	-	2	-	-	57	28	82	-	2	-	1	17,166	10,096
Kapodra Bridge to Mota Varachaa	1,199	34	828	-	-	14,003	3	-	-	-	19	23	-	2	3	3	2	72	96	5	23	6	4	16,325	9,610
Mota Varachaa to Uttran Road	320	20	397	-	-	2,242	2	-	-	-	-	7	-	-	-	1	2	14	29	4	12	2	5	3,057	2,049
Uttran Road to Mota Varachaa	302	24	502	-	-	2,465	-	-	-	-	12	6	-	-	-	1	5	28	41	3	47	-	14	3,450	2,353
Kapodra Bridge to Uttran Road	31	4	102	-	-	534	-	-	-	-	-	-	-	-	-	-	-	13	2	-	1	-	1	688	445
Uttran Road to Kapodra Bridge	183	5	101	-	1	1,594	-	-	-	-	-	5	-	-	-	-	3	21	25	1	9	-	7	1,955	1,201
Total	**7,600**	**229**	**6,769**	**1**	**11**	**71,808**	**25**	**2**	**26**	**-**	**112**	**153**	**5**	**7**	**3**	**19**	**282**	**550**	**931**	**47**	**262**	**15**	**74**	**88,931**	**55,409**

3.3 | TURNING MOVEMENT COUNTS

Revision of Comprehensive Mobility Plans (CMP) For Surat City																									
Name of the Junction: Amroli Road & Gajera Road Junction														Junction Type: 4-Arm							Date: 2/8/2024				
	Passenger Vehicles													Goods Vehicles								Non-motorised				
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others	Total Vehicles	Total PCUs
Straight, Right and Left Turn Movements																									
Amroli Road (Tapi River) to Demolition Road	418	14	2,587	1	-	12,039	1	-	2	-	-	5	-	2	-	2	13	160	127	4	885	4	42	16,306	10,410
Demolition Road to Amroli Road (Tapi River)	363	1	2,161	-	1	10,042	1	-	2	2	-	2	-	-	-	1	19	126	132	3	1,432	4	8	14,300	8,962
Amroli Road (Tapi River) to Gajera Circle	2,252	57	5,951	25	-	20,035	2	2	3	-	164	11	2	13	4	13	217	229	255	17	851	3	14	30,120	21,336
Gajera Circle to Amroli Road (Tapi River)	1,183	1	2,168	-	-	4,995	4	1	8	-	158	14	1	4	7	9	43	132	290	7	10	-	19	9,054	7,418
Amroli Road (Tapi River) to Gajera Road	1,052	37	635	-	4	7,151	2	-	2	-	52	35	-	-	1	2	8	75	99	8	41	2	16	9,222	5,952
Gajera Road to Amroli Road (Tapi River)	1,337	-	959	-	-	4,835	-	-	9	-	44	17	-	3	1	1	16	40	97	1	-	-	-	7,360	5,281
Demolition Road to Gajera Circle	84	-	61	-	-	300	-	-	-	-	-	-	-	-	-	-	-	2	16	-	11	-	-	474	336
Gajera Circle to Demolition Road	22	1	8	-	-	190	-	-	-	-	-	1	-	-	-	-	-	7	8	-	1	-	-	238	150
Demolition Road to Gajera Road	766	-	572	-	-	5,198	4	-	25	1	-	13	1	4	-	1	25	79	104	5	139	4	2	6,943	4,516
Gajera Road to Demolition Road	1,390	-	558	-	-	9,406	7	-	8	1	-	15	-	1	-	1	44	114	114	1	37	1	-	11,698	7,208
Gajera Circle to Gajera Road	27	-	34	-	-	71	2	-	2	-	38	3	-	-	7	-	1	5	8	-	-	-	-	198	235
Gajera Road to Gajera Circle	293	-	172	-	-	672	2	-	1	1	53	1	-	-	6	-	2	10	22	-	1	-	-	1,236	1,021
U-turn Movements																									
Gajera Road to Gajera Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	**9,220**	**111**	**15,891**	**26**	**5**	**74,959**	**25**	**3**	**62**	**5**	**509**	**117**	**4**	**27**	**26**	**30**	**388**	**980**	**1,274**	**46**	**3,408**	**18**	**101**	**107,235**	**72,903**

3.3 | TURNING MOVEMENT COUNTS

Revision of Comprehensive Mobility Plans (CMP) For Surat City																										
Name of the Junction: Dabholi Road & Dabholi-Jahangirpura E													Junction Type: 4-Arm								Date: 2/8/2024					
	Passenger Vehicles													Goods Vehicles								Non-motorised				
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others	Total Vehicles	Total PCUs
Straight, Right and Left Turn Movements																										
Siddharth Chowk to Pramukh Swami Chowk	174	-	49	-	-	694	-	-	-	-	-	3	-	2	-	-	3	1	5	1	8	-	-	940	610
Pramukh Swami Chowk to Siddharth Chowk	49	-	35	-	17	336	-	-	-	-	-	1	-	-	-	1	-	3	3	1	3	-	-	449	297
Siddharth Chowk to Bajrang Society	179	1	1,020	-	-	2,961	1	-	-	-	-	1	1	-	-	-	9	31	14	3	32	8	-	4,261	2,997
Bajrang Society to Siddharth Chowk	199	-	365	-	-	862	-	-	-	-	-	2	-	1	1	-	1	3	14	1	-	1	-	1,450	1,107
Siddharth Chowk to Dabholi-Jahangipura Bridge	40	1	11	-	-	136	1	-	1	-	-	3	-	-	-	-	-	1	1	-	-	-	-	195	135
Dabholi-Jahangipura Bridge to Siddharth Chowk	6	-	9	-	-	33	-	-	-	-	-	1	-	-	-	-	-	2	1	-	-	-	-	52	39
Pramukh Swami Chowk to Bajrang Society	35	1	72	-	-	332	-	-	-	-	-	-	-	-	-	-	2	4	3	-	5	1	-	455	304
Bajrang Society to Pramukh Swami Chowk	20	6	11	-	-	171	1	-	1	-	-	1	-	-	-	-	-	1	1	2	1	-	2	218	145
Pramukh Swami Chowk to Dabholi-Jahangipura Bridge	1,754	2	194	-	-	5,988	3	-	11	-	-	35	1	13	6	5	20	37	115	-	42	3	1	8,230	5,399
Dabholi-Jahangipura Bridge to Pramukh Swami Chowk	1,683	3	225	-	-	4,646	5	3	5	-	-	37	-	7	9	3	19	38	113	2	11	-	1	6,810	4,671
Bajrang Society to Dabholi-Jahangipura Bridge	621	17	415	-	-	4,048	2	-	7	-	101	10	-	-	-	-	3	15	47	-	7	4	2	5,299	3,522
Dabholi-Jahangipura Bridge to Bajrang Society	559	23	299	-	-	4,138	-	1	4	1	104	8	-	-	1	-	6	19	42	-	11	-	1	5,217	3,368
Total	**5,319**	**54**	**2,705**	**-**	**17**	**24,345**	**13**	**4**	**29**	**1**	**205**	**102**	**2**	**23**	**17**	**9**	**63**	**155**	**359**	**10**	**120**	**17**	**7**	**33,576**	**22,593**

3.3 | TURNING MOVEMENT COUNTS

Revision of Comprehensive Mobility Plans (CMP) For Surat City																										
Name of the Junction: Besan Road & Ugat Road Junction							Junction Type: 3-Arm													Date: 31/7/2024						
	Passenger Vehicles													Goods Vehicles							Non-motorised				
Direction	Car/Van/ Jeep.Pvt	Car/Van / Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others	Total Vehicles	Total PCUs
Straight, Right and Left Turn Movements																										
Morabhagal to Jahangirabad	32	5	2,264	-	-	638	-	-	-	-	-	-	-	-	-	-	2	13	24	6	26	4	1	3,015	3,167
Jahangirabad to Morabhagal	18	6	441	1	-	855	-	-	-	-	-	-	-	-	-	-	-	22	26	12	32	11	3	1,427	1,127
Morabhagal to Bhesan	1,235	163	979	2	1	10,164	1	1	6	-	22	20	43	14	3	3	7	110	128	14	102	4	8	13,030	8,342
Bhesan to Morabhagal	1,093	67	812	-	-	9,502	1	-	8	-	26	66	14	7	5	-	11	68	117	10	23	1	7	11,838	7,486
Jahangirabad to Bhesan	65	14	168	-	-	1,089	-	-	1	-	-	1	-	-	1	3	1	36	45	11	45	4	8	1,492	1,026
Bhesan to Jahangirabad	54	16	85	-	-	1,002	-	-	-	-	-	-	-	-	2	4	3	25	38	6	35	4	5	1,279	825
U-turn Movements																										
Morabhagal to Morabhagal	43	14	111	-	-	392	-	-	-	-	-	-	16	-	-	-	1	4	4	-	3	1	1	590	437
Bhesan to Bhesan	51	8	33	-	-	578	-	-	-	-	-	1	1	2	1	-	-	4	9	-	8	1	9	706	434
Total	**2,591**	**293**	**4,893**	**3**	**1**	**24,220**	**2**	**1**	**15**	**-**	**48**	**88**	**74**	**23**	**12**	**10**	**25**	**282**	**391**	**59**	**274**	**30**	**42**	**33,377**	**22,844**

3.3 | TURNING MOVEMENT COUNTS

Revision of Comprehensive Mobility Plans (CMP) For Surat City																									
Name of the Junction: Atlabh Marg & Causeway Road Junctio											Junction Type: 4-Arm								Date: 5/8/2024						
	Passenger Vehicles													Goods Vehicles								Non-motorised				
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others	Total Vehicles	Total PCUs
Straight, Right and Left Turn Movements																									
Tekra Palav Park Society to Singanpor	15	1	45	-	-	593	-	-	-	-	-	-	-	-	-	-	-	3	2	-	24	-	1	684	384
Singanpor to Tekra Palav Park Society	34	4	48	-	578	-	-	-	-	-	-	2	-	-	1	-	-	4	5	1	16	1	2	696	823
Tekra Palav Park Society to Variyadi Pandol Industrial Area	17	1	26	-	-	443	-	-	-	-	-	-	-	-	1	-	-	7	7	-	27	-	1	530	303
Variyadi Pandol Industrial Area to Tekra Palav Park Society	94	5	111	-	-	1,533	-	-	-	1	-	-	-	1	-	-	-	20	18	5	57	11	2	1,858	1,115
Tekra Palav Park Society to Rander	18	1	24	-	-	330	-	-	-	-	-	-	-	-	16	1	-	4	2	3	9	-	-	408	273
Rander to Tekra Palav Park Society	3	-	25	-	-	74	-	-	-	-	-	-	-	-	-	-	-	4	2	-	8	2	1	119	85
Singanpor to Variyadi Pandol Industrial Area	91	7	98	-	-	1,756	-	-	-	-	-	3	-	-	1	-	3	18	28	-	61	-	7	2,073	1,202
Variyadi Pandol Industrial Area to Singanpor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Singanpor to Rander	288	26	256	1	-	5,234	-	-	-	8	-	4	-	1	7	2	7	41	64	6	173	2	14	6,134	3,554
Rander to Singanpor	249	11	221	64	-	3,439	-	1	-	1	-	5	-	1	5	1	9	46	56	6	150	6	6	4,277	2,601
Variyadi Pandol Industrial Area to Rander	31	6	32	-	-	410	-	-	-	-	-	-	-	-	-	-	1	16	10	-	10	2	-	518	322
Rander to Variyadi Pandol Industrial Area	27	-	21	-	-	257	-	-	-	-	-	-	-	-	3	-	-	10	7	1	1	-	1	328	215
Total	**867**	**62**	**907**	**65**	**578**	**14,069**	**-**	**1**	**-**	**10**	**-**	**14**	**-**	**3**	**34**	**4**	**20**	**173**	**201**	**22**	**536**	**24**	**35**	**17,625**	**10,877**

3.3 | TURNING MOVEMENT COUNTS

Revision of Comprehensive Mobility Plans (CMP) For Surat City																									
Name of the Junction: Gotalawadi Road & Lal Darwaja Road Ju														Junction Type: 3-Arm							Date: 2/8/2024					
	Passenger Vehicles													Goods Vehicles								Non-motorised				
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others	Total Vehicles	Total PCUs
Straight, Right and Left Turn Movements																									
Gotalawadi Road to Lal Darwaja Flyover	515	-	331	-	-	4,010	-	-	1	-	-	1	-	4	2	7	62	85	209	-	4	-	6	5,237	3,442
Lal Darwaja Flyover to Gotalawadi Road	1,025	-	419	-	-	8,447	-	1	3	-	-	13	2	7	2	6	46	154	347	2	28	2	6	10,510	6,592
Gotalawadi Road to Gotalawadi Road Flyover	727	-	231	-	-	4,597	1	-	5	-	8	5	-	-	2	3	13	31	35	30	34	17	2	5,741	3,621
Gotalawadi Road Flyover to Gotalawadi Road	5,435	93	3,270	-	-	18,501	-	-	7	-	13	6	-	7	16	7	123	513	648	2	36	2	54	28,733	20,627
Lal Darwaja Flyover to Gotalawadi Road Flyover	3,934	294	4,883	-	-	25,367	7	26	20	-	249	25	27	5	7	6	71	583	727	10	118	3	86	36,448	25,621
Gotalawadi Road Flyover to Lal Darwaja Flyover	5,176	218	4,097	-	-	20,678	1	36	27	-	240	22	30	9	15	10	127	551	677	4	68	1	62	32,049	23,431
Total	**16,812**	**605**	**13,231**	**-**	**-**	**81,600**	**9**	**63**	**63**	**-**	**510**	**72**	**59**	**32**	**44**	**39**	**442**	**1,917**	**2,643**	**48**	**288**	**25**	**216**	**118,718**	**83,335**

3.3 | TURNING MOVEMENT COUNTS

Revision of Comprehensive Mobility Plans (CMP) For Surat City																									
Name of the Junction: Rander Road & Hazira-Adajan Road Jur											Junction Type: 4-Arm									Date: 5/8/2024					
	Passenger Vehicles													Goods Vehicles							Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Straight, Right and Left Turn Movements																									
Adajan Patiya to Chowk Bazar	5,263	343	3,280	-	-	23,783	1	6	14	-	176	20	9	2	12	-	9	95	143	-	31	1	26	33,214	22,340
Chowk Bazar to Adajan Patiya	356	34	1,492	-	-	3,851	-	4	1	-	26	-	-	1	-	-	1	50	32	1	11	4	9	5,873	4,310
Adajan Patiya to Adajan	239	-	156	-	-	1,574	1	3	7	-	4	8	6	1	-	1	-	3	5	-	-	2	1	2,011	1,296
Adajan to Adajan Patiya	3,623	15	2,930	-	-	16,115	2	29	38	-	183	23	-	3	20	4	13	91	229	-	15	-	7	23,340	16,339
Adajan Patiya to Tadwadi	199	6	282	-	254	1,120	-	-	1	-	5	3	2	-	-	r	1	8	18	-	1	-	1	1,901	1,471
Tadwadi to Adajan Patiya	714	17	862	-	-	2,308	-	3	-	-	60	1	1	-	-	-	2	24	31	-	1	2	4	4,030	3,147
Chowk Bazar to Adajan	2,865	128	1,818	-	-	12,333	5	22	52	-	117	49	27	16	16	3	5	157	189	3	7	-	16	17,828	12,511
Adajan to Chowk Bazar	221	-	367	-	-	1,314	-	16	10	-	21	4	-	-	1	1	-	1	14	-	12	-	-	1,982	1,461
Chowk Bazar to Tadwadi	846	48	2,140	-	-	8,814	1	36	4	-	102	4	-	1	1	2	2	76	62	-	54	12	10	12,215	8,436
Tadwadi to Chowk Bazar	1,203	34	1,548	-	-	3,817	-	28	6	2	26	2	8	1	-	1	8	42	60	1	23	2	2	6,814	5,331
Adajan to Tadwadi	574	18	494	-	-	5,056	-	-	33	-	2	30	-	1	-	-	9	66	40	1	26	1	17	6,368	4,047
Tadwadi to Adajan	281	-	130	-	-	1,176	-	3	3	-	46	10	-	-	-	-	-	-	5	1	-	-	-	1,655	1,172
Total	**16,384**	**643**	**15,499**	**-**	**254**	**81,261**	**10**	**150**	**169**	**2**	**768**	**154**	**53**	**26**	**50**	**12**	**50**	**613**	**828**	**7**	**181**	**24**	**93**	**117,231**	**81,861**

3.3 | TURNING MOVEMENT COUNTS

Revision of Comprehensive Mobility Plans (CMP) For Surat City																									
Name of the Junction: Subhash Chandra Bose Marg & Honey			Junction Type: 4-Arm															Date: 5/8/2024							
	Passenger Vehicles													Goods Vehicles							Non-motorised				
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others	Total Vehicles	Total PCUs
Straight, Right and Left Turn Movements																									
Jahangirabad to Honey Park Road	93	-	238	-	-	321	-	-	-	-	-	-	-	-	-	-	-	12	-	-	5	-	-	669	556
Honey Park Road to Jahangirabad	31	1	29	-	-	345	-	-	1	-	-	-	-	-	-	-	-	8	4	-	13	-	2	434	265
Jahangirabad to TGB	443	1	783	-	-	4,169	-	-	-	-	-	-	1	1	-	-	5	20	19	-	59	3	1	5,505	3,560
TGB to Jahangirabad	416	5	1,149	-	-	4,926	-	-	5	-	-	24	8	-	-	-	16	69	66	5	129	9	3	6,830	4,631
Jahangirabad to Pal Gam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pal Gam to Jahangirabad	1,179	70	697	-	-	8,479	-	1	3	2	-	9	2	4	-	-	1	27	48	4	64	7	1	10,598	6,526
Honey Park Road to TGB	1,217	95	788	-	-	9,468	2	1	2	-	-	5	3	2	-	-	3	46	39	1	85	27	5	11,789	7,223
TGB to Honey Park Road	63	5	19	-	-	281	-	-	-	-	-	-	-	-	-	-	1	36	23	-	7	-	-	435	311
Honey Park Road to Pal Gam	1,117	144	600	-	-	9,312	2	2	2	-	-	11	5	2	1	-	11	54	32	3	107	2	2	11,409	6,876
Pal Gam to Honey Park Road	1,345	-	737	-	4	8,459	4	-	5	-	-	16	5	-	-	-	10	63	49	4	60	3	-	10,764	6,729
TGB to Pal Gam	1,152	81	702	-	-	5,981	2	6	11	-	26	31	9	3	3	1	2	107	68	3	53	3	5	8,249	5,538
Pal Gam to TGB	1,726	75	627	-	-	8,561	-	4	1	-	30	22	10	3	7	6	13	67	74	5	96	1	9	11,337	7,292
Total	**8,782**	**477**	**6,369**	**-**	**4**	**60,302**	**10**	**14**	**30**	**2**	**56**	**118**	**43**	**15**	**11**	**7**	**62**	**509**	**422**	**25**	**678**	**55**	**28**	**78,019**	**49,507**

3.3 | TURNING MOVEMENT COUNTS

Revision of Comprehensive Mobility Plans (CMP) For Surat City																										
Name of the Junction: Kotsafil Main Road & Navsari Bazar Roa								Junction Type: 4-Arm											Date: 7/8/2024							
	Passenger Vehicles													Goods Vehicles							Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Straight, Right and Left Turn Movements																										
Gopipura to Zamba Bazaar	52	7	361	-	-	1,542	-	-	-	-	-	-	-	-	-	-	1	35	20	4	30	1	2	2,055	1,367
Zamba Bazaar to Gopipura	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gopipura to Navsari Bazar Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Navsari Bazar Road to Gopipura	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gopipura to Garden Colony	21	2	298	-	-	2,751	-	-	-	-	-	-	-	-	-	-	1	9	1	-	25	2	-	3,110	1,783
Garden Colony to Gopipura	109	9	635	-	-	3,430	-	-	-	-	-	-	-	-	-	-	2	67	34	17	29	1	3	4,336	2,811
Zamba Bazaar to Navsari Bazar Road	255	30	1,917	-	-	7,073	-	-	-	3	-	-	-	9	1	2	6	172	137	8	113	1	10	9,737	6,655
Navsari Bazar Road to Zamba Bazaar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zamba Bazaar to Garden Colony	475	43	2,952	-	-	12,696	-	-	-	-	-	6	-	12	-	-	7	181	106	2	174	4	8	16,666	10,919
Garden Colony to Zamba Bazaar	633	76	4,095	-	-	16,511	-	-	1	2	-	3	-	-	-	-	45	343	191	3	308	2	21	22,234	14,803
Navsari Bazar Road to Garden Colony	297	4	2,345	-	-	4,307	-	-	-	2	-	-	-	1	-	-	11	214	135	7	31	2	9	7,365	5,793
Garden Colony to Navsari Bazar Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	**1,842**	**171**	**12,603**	**-**	**-**	**48,310**	**-**	**-**	**1**	**7**	**-**	**9**	**-**	**22**	**1**	**2**	**73**	**1,021**	**624**	**41**	**710**	**13**	**53**	**65,503**	**44,132**

3.3 | TURNING MOVEMENT COUNTS

Revision of Comprehensive Mobility Plans (CMP) For Surat City																										
Name of the Junction: SH-6 & SH-170 Junction, Near Udhana I													Junction Type: 3-Arm							Date: 30/7/2024						
	Passenger Vehicles													Goods Vehicles							Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van / Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Straight, Right and Left Turn Movements																										
Rustampura to Dindoli	1,396	99	1,751	2	2	7,715	1	1	5	1	7	13	-	6	3	5	59	215	270	4	379	2	22	11,958	8,472
Dindoli to Rustampura	208	12	1,138	9	-	9,610	4	7	13	7	24	20	1	-	-	-	19	305	177	5	1,178	10	13	12,760	7,732
Rustampura to Udhana	2,816	93	6,509	5	-	17,479	-	57	13	-	102	5	-	9	13	3	179	841	949	54	297	7	31	29,462	22,890
Udhana to Rustampura	3,181	126	7,603	-	1	18,572	4	85	21	-	172	13	4	11	29	6	1,017	996	520	3	200	5	7	32,576	25,931
Dindoli to Udhana	1,086	118	2,916	-	1	12,055	-	-	-	-	-	-	-	2	2	3	683	727	310	73	216	-	2	18,194	13,391
Udhana to Dindoli	36	7	286	-	-	2,466	-	-	-	-	-	-	-	-	-	-	52	79	28	2	227	12	-	3,195	1,943
Total	**8,723**	**455**	**20,203**	**16**	**4**	**67,897**	**9**	**150**	**52**	**8**	**305**	**51**	**5**	**28**	**47**	**17**	**2,009**	**3,163**	**2,254**	**141**	**2,497**	**36**	**75**	**108,145**	**80,358**

3.3 | TURNING MOVEMENT COUNTS

Revision of Comprehensive Mobility Plans (CMP) For Surat City																										
Name of the Junction: Prajapati Brahma Marg & Ghod Dod Ro														Junction Type: 3-Arm							Date: 8/8/2024					
	Passenger Vehicles													Goods Vehicles								Non-motorised				
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others	Total Vehicles	Total PCUs
Straight, Right and Left Turn Movements																										
Majura Gate to Gandhi Kutir	2,904	398	2,259	-	-	11,665	-	2	5	-	44	12	6	37	15	6	-	200	170	3	139	1	57	17,923	12,757
Gandhi Kutir to Majura Gate	2,711	397	1,538	-	-	9,275	2	1	5	-	35	7	8	27	19	2	-	106	167	2	93	3	19	14,417	10,262
Majura Gate to Ghod Dog Road	1,866	197	1,658	-	-	6,234	-	-	-	-	5	8	1	3	4	-	-	40	48	-	42	-	2	10,108	7,351
Ghod Dog Road to Majura Gate	2,409	-	1,823	-	-	5,589	1	-	1	-	2	8	-	-	-	4	13	43	37	2	1	-	-	9,933	7,556
Gandhi Kutir to Ghod Dog Road	646	113	344	-	-	2,846	-	-	-	-	3	11	-	3	1	1	-	27	35	1	69	-	-	4,100	2,750
Ghod Dog Road to Gandhi Kutir	1,350	-	480	1	8	4,133	2	-	-	-	-	-	-	2	-	2	7	35	38	10	35	1	-	6,104	4,175
Total	**11,886**	**1,105**	**8,102**	**1**	**8**	**39,742**	**5**	**3**	**11**	**-**	**89**	**46**	**15**	**72**	**39**	**15**	**20**	**451**	**495**	**18**	**379**	**5**	**78**	**62,585**	**44,851**

3.3 | TURNING MOVEMENT COUNTS

Revision of Comprehensive Mobility Plans (CMP) For Surat City																										
Name of the Junction: Green Road & Mota Varachha Main Roa											Junction Type: 4-Arm									Date: 1/8/2024						
	Passenger Vehicles													Goods Vehicles							Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van / Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Straight, Right and Left Turn Movements																										
Galaxy Circle to Adajan Gam	847	26	253	-	-	2,208	-	-	-	-	45	1	2	1	-	1	1	9	20	2	11	-	-	3,427	2,443
Adajan Gam to Galaxy Circle	282	-	47	-	-	561	-	1	4	-	25	8	-	-	-	-	-	15	26	5	12	2	1	989	786
Galaxy Circle to Nehru Nagar Society	2,255	81	429	-	-	8,745	-	1	4	-	6	38	1	7	3	5	2	20	29	4	22	20	-	11,672	7,489
Nehru Nagar Society to Galaxy Circle	3,612	-	657	-	-	7,083	2	-	5	-	27	44	1	-	1	-	10	27	72	-	27	-	2	11,570	8,277
Galaxy Circle to Bhatha	153	6	25	-	-	304	-	-	1	-	5	10	1	2	1	1	-	1	3	2	-	1	-	516	402
Bhatha to Galaxy Circle	298	1	131	-	-	1,418	-	-	3	-	1	2	-	-	-	-	-	2	17	2	2	-	1	1,878	1,215
Adajan Gam to Nehru Nagar Society	1,481	54	189	-	-	4,285	1	-	2	-	63	24	-	2	-	1	3	15	37	-	10	4	-	6,171	4,192
Nehru Nagar Society to Adajan Gam	1,772	89	212	-	-	3,589	-	3	1	-	64	51	1	1	-	-	3	15	30	1	19	-	2	5,853	4,255
Adajan Gam to Bhatha	3,123	126	1,098	-	-	7,502	7	21	110	-	50	28	-	25	25	20	52	115	240	10	52	4	6	12,614	9,564
Bhatha to Adajan Gam	2,602	111	1,050	-	-	6,894	5	19	145	-	36	54	-	3	19	12	4	53	143	2	41	-	5	11,198	8,362
Nehru Nagar Society to Bhatha	948	-	166	-	-	1,498	1	-	1	-	4	7	1	3	-	-	2	-	74	-	11	-	-	2,716	2,044
Bhatha to Nehru Nagar Society	1,228	99	162	5	-	2,613	-	-	5	-	-	7	-	5	6	2	6	18	22	2	3	-	4	4,187	2,965
Total	**18,601**	**593**	**4,419**	**5**	**-**	**46,700**	**16**	**45**	**281**	**-**	**326**	**274**	**7**	**49**	**55**	**42**	**83**	**290**	**713**	**30**	**210**	**31**	**21**	**72,791**	**51,993**

3.3 | TURNING MOVEMENT COUNTS

Revision of Comprehensive Mobility Plans (CMP) For Surat City																									
Name of the Junction: Surat-Dumas Rd. & Patel Street Junctio											Junction Type: 4-Arm								Date: 6/8/2024						
	Passenger Vehicles													Goods Vehicles							Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Straight, Right and Left Turn Movements																									
Umra Gam to Athwa Lines	1,489	-	382	-	-	3,714	1	-	2	6	-	24	1	1	-	-	5	29	36	2	34	-	1	5,727	3,996
Athwa Lines to Umra Gam	1,215	17	186	-	-	2,622	-	-	1	3	-	16	1	1	-	1	12	15	13	1	6	-	-	4,110	2,876
Umra Gam to SVNIT	298	4	102	-	-	447	-	-	-	-	-	2	-	-	-	-	-	5	8	1	26	2	-	895	687
SVNIT to Umra Gam	131	2	39	-	-	616	-	-	-	-	-	1	-	-	-	-	2	3	2	3	9	2	-	810	518
Umra Gam to Piplod	1,933	-	301	-	-	3,734	-	-	5	-	8	31	-	1	2	2	5	22	13	3	11	-	2	6,073	4,340
Piplod to Umra Gam	2,066	11	324	-	-	1,887	1	2	2	3	27	12	-	2	-	3	23	19	9	12	-	-	1	4,404	3,640
Athwa Lines to SVNIT	22	-	16	-	-	72	-	-	-	-	-	-	-	-	-	-	2	2	-	-	4	-	-	118	84
SVNIT to Athwa Lines	40	-	11	-	-	146	-	-	-	-	-	-	-	-	-	-	-	3	2	2	6	-	-	210	143
Athwa Lines to Piplod	7,601	238	1,748	2	-	7,949	3	4	4	29	74	44	8	1	4	6	91	59	104	6	15	2	4	17,996	14,683
Piplod to Athwa Lines	5,277	273	1,576	-	1	5,508	5	1	12	25	59	42	5	1	1	1	53	39	49	3	10	-	8	12,949	10,744
SVNIT to Piplod	45	1	24	-	-	191	-	-	-	-	-	-	-	-	-	-	2	-	2	-	3	-	-	268	177
Piplod to SVNIT	459	17	85	-	-	816	-	-	-	-	-	3	-	-	-	-	8	10	6	2	3	-	-	1,409	1,033
Total	**20,576**	**563**	**4,794**	**2**	**1**	**27,702**	**10**	**7**	**26**	**66**	**168**	**175**	**15**	**7**	**7**	**13**	**203**	**206**	**244**	**35**	**127**	**6**	**16**	**54,969**	**42,922**

3.3 | TURNING MOVEMENT COUNTS

Revision of Comprehensive Mobility Plans (CMP) For Surat City																									
Name of the Junction: SH-6 & Bamroli-Althan Road Junction														Junction Type: 4-Arm							Date: 30/7/2024				
	Passenger Vehicles													Goods Vehicles								Non-motorised				
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others	Total Vehicles	Total PCUs
Straight, Right and Left Turn Movements																									
Udhana Udyog Nagar to Bhestan	2,881	51	4,673	-	1	8,789	5	84	8	-	104	9	14	4	13	14	225	621	1,070	11	154	-	19	18,750	16,185
Bhestan to Udhana Udyog Nagar	2,554	4	4,929	-	-	12,444	4	95	9	1	114	13	21	6	18	14	255	688	1,193	12	464	5	11	22,854	18,451
Udhana Udyog Nagar to Pandesara	451	5	1,044	-	-	1,856	-	-	1	-	3	3	-	-	6	1	27	142	151	1	214	-	7	3,912	3,187
Pandesara to Udhana Udyog Nagar	160	-	867	-	-	1,004	-	-	-	-	21	6	-	-	-	1	12	53	89	-	159	-	1	2,373	2,034
Bhestan to Pandesara	920	1	2,411	-	-	8,242	1	-	2	1	114	18	8	11	13	6	35	220	330	3	200	1	3	12,540	9,190
Pandesara to Bhestan	1,277	11	2,522	-	-	7,789	2	-	1	-	148	8	7	5	7	7	52	266	400	7	648	4	5	13,166	9,867
U-turn Movements																									
Udhana Udyog Nagar to Udhana Udyog Nagar	249	13	225	3	-	882	-	-	-	-	-	1	-	1	1	-	31	224	186	-	5	-	4	1,825	1,564
Total	**8,492**	**85**	**16,671**	**3**	**1**	**41,006**	**12**	**179**	**21**	**2**	**504**	**58**	**50**	**27**	**58**	**43**	**637**	**2,214**	**3,419**	**34**	**1,844**	**10**	**50**	**75,420**	**60,478**

3.3 | TURNING MOVEMENT COUNTS

Revision of Comprehensive Mobility Plans (CMP) For Surat City																									
Name of the Junction: New Bamroli Road & New Althan Road , Junction Type: 4-Arm																			Date: 29/7/2024						
	Passenger Vehicles													Goods Vehicles							Non-motorised				
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others	Total Vehicles	Total PCUs
Straight, Right and Left Turn Movements																									
Pandesara to Ganesh Nagar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ganesh Nagar to Pandesara	269	5	79	-	-	247	2	-	-	-	-	-	-	-	1	-	-	13	13	-	2	-	-	631	532
Pandesara to Vadod	578	6	71	-	-	617	-	-	-	-	9	-	-	1	3	2	4	13	22	1	23	-	-	1,350	1,076
Vadod to Pandesara	480	10	122	-	-	706	1	-	-	-	2	2	-	22	1	2	3	32	40	3	35	-	4	1,465	1,185
Pandesara to Bamroli	970	5	172	-	-	1,537	2	-	1	-	-	1	-	-	12	-	-	12	22	-	6	1	1	2,742	2,034
Bamroli to Pandesara	516	34	124	-	-	567	-	-	-	-	-	-	-	7	5	2	9	19	39	-	-	-	4	1,326	1,109
Ganesh Nagar to Vadod	188	2	242	-	-	1,262	-	-	-	-	38	-	-	3	1	2	5	102	105	1	427	-	1	2,379	1,661
Vadod to Ganesh Nagar	147	2	173	-	-	742	1	-	-	-	36	1	-	1	4	1	17	52	66	2	134	-	1	1,380	1,065
Ganesh Nagar to Bamroli	1,241	4	466	-	-	3,044	4	-	-	-	1	1	-	8	35	10	43	101	214	7	141	-	3	5,323	4,023
Bamroli to Ganesh Nagar	906	14	258	-	-	1,033	1	-	1	-	2	2	1	10	1	7	35	90	232	1	-	-	7	2,601	2,297
Vadod to Bamroli	75	7	34	-	-	247	-	-	-	-	-	1	-	6	10	19	13	13	35	2	5	-	1	468	420
Bamroli to Vadod	87	5	18	-	-	159	-	-	-	-	-	-	-	-	11	21	12	6	19	4	5	2	-	349	335
Total	**5,457**	**94**	**1,759**	**-**	**-**	**10,161**	**11**	**-**	**2**	**-**	**88**	**8**	**1**	**58**	**84**	**66**	**141**	**453**	**807**	**21**	**778**	**3**	**22**	**20,014**	**15,737**

3.3 | TURNING MOVEMENT COUNTS

Revision of Comprehensive Mobility Plans (CMP) For Surat City																									
Name of the Junction: NH-53 & Althan-Sarsana Road Junction											Junction Type: 4-Arm											Date: 29/7/2024				
	Passenger Vehicles													Goods Vehicles							Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Straight, Right and Left Turn Movements																									
Althan to Sachin INA	1,057	-	16	-	-	459	3	-	1	-	1	3	2	5	8	15	8	-	22	-	2	1	2	1,605	1,434
Sachin INA to Althan	1,867	7	56	-	-	583	3	-	1	-	3	1	2	3	69	8	14	13	37	1	-	-	1	2,669	2,521
Althan to Khajod	215	21	117	-	-	609	-	-	-	1	13	-	-	-	-	-	-	6	17	1	8	1	4	1,013	757
Khajod to Althan	179	5	66	-	-	545	-	-	-	-	10	-	-	-	-	-	-	5	6	2	5	-	-	823	582
Althan to Magdalla	400	27	28	-	-	160	-	-	-	-	-	3	-	1	2	1	5	3	15	1	1	-	4	651	598
Magdalla to Althan	440	5	22	-	-	140	-	-	-	-	-	3	-	3	1	-	2	2	13	-	1	-	-	632	581
Sachin INA to Khajod	43	-	4	-	-	42	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	90	70
Khajod to Sachin INA	45	1	6	-	-	64	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-	-	120	91
Sachin INA to Magdalla	3,739	93	156	-	-	2,167	8	-	4	1	6	5	17	125	142	770	173	14	161	2	-	-	5	7,588	7,968
Magdalla to Sachin INA	3,085	32	127	-	-	1,202	8	-	14	-	2	6	11	60	129	568	206	11	182	1	3	-	13	5,660	6,201
Khajod to Magdalla	71	1	3	-	-	106	-	-	-	-	-	-	-	-	-	-	2	2	4	1	-	-	-	190	143
Magdalla to Khajod	95	7	17	-	-	137	-	-	-	-	-	-	-	-	-	-	1	2	6	1	3	-	2	271	211
Total	**11,363**	**200**	**638**	**2**	**-**	**6,295**	**22**	**-**	**20**	**2**	**35**	**21**	**32**	**198**	**374**	**1,368**	**414**	**62**	**474**	**10**	**23**	**2**	**31**	**21,586**	**21,436**

3.3 | TURNING MOVEMENT COUNTS

Revision of Comprehensive Mobility Plans (CMP) For Surat City																									
Name of the Junction: VIP Road & Vesu Main Road Junction, \														Junction Type: 4-Arm						Date: 30/7/2024					
	Passenger Vehicles													Goods Vehicles							Non-motorised				
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others	Total Vehicles	Total PCUs
Straight, Right and Left Turn Movements																									
Piplod to Pandesara	659	2	686	6	-	1,282	-	-	-	-	-	8	-	8	-	-	4	12	8	3	27	1	3	2,709	2,228
Pandesara to Piplod	575	12	400	3	-	1,089	-	-	-	-	-	7	-	1	1	-	4	7	13	2	10	-	-	2,124	1,679
Piplod to Near Agarwal School	1,933	123	1,337	6	-	3,746	2	-	3	11	-	33	4	42	16	4	21	36	40	28	51	2	2	7,440	6,059
Near Agarwal School to Piplod	2,199	81	1,395	9	-	2,349	-	2	4	13	-	28	-	23	9	4	36	33	21	19	27	-	1	6,253	5,530
Piplod to Magdalla	605	14	235	1	-	1,501	-	-	-	-	-	6	-	3	-	-	9	13	9	3	11	-	-	2,410	1,730
Magdalla to Piplod	546	14	284	4	-	1,406	-	-	1	-	-	2	-	6	1	-	14	19	11	5	13	3	-	2,329	1,718
Pandesara to Near Agarwal School	580	29	114	-	-	808	-	-	-	-	-	9	-	1	19	4	8	13	6	14	16	-	-	1,621	1,320
Near Agarwal School to Pandesara	233	-	49	-	-	425	-	-	-	-	-	11	-	3	6	2	6	1	7	4	1	-	-	748	589
Pandesara to Magdalla	1,506	25	434	-	-	3,130	-	-	1	20	-	21	-	14	-	-	15	17	16	5	66	1	1	5,272	3,853
Magdalla to Pandesara	1,711	6	353	-	-	3,084	1	-	-	24	-	18	5	11	2	1	22	38	20	14	20	2	-	5,332	3,990
Near Agarwal School to Magdalla	283	10	73	1	-	679	-	-	-	-	-	-	4	-	1	1	6	7	3	1	7	-	1	1,077	764
Magdalla to Near Agarwal School	257	7	41	-	-	357	-	-	1	-	-	4	1	-	1	-	1	1	4	2	2	-	1	680	526
Total	**11,087**	**323**	**5,401**	**30**	**-**	**19,856**	**3**	**2**	**10**	**68**	**-**	**147**	**14**	**112**	**56**	**16**	**146**	**197**	**158**	**100**	**251**	**9**	**9**	**37,995**	**29,984**

3.3 | TURNING MOVEMENT COUNTS

Revision of Comprehensive Mobility Plans (CMP) For Surat City																									
Name of the Junction: Surat-Dumas Road & Udhana-Magdalla F											Junction Type: 3-Arm									Date: 29/7/2024					
	Passenger Vehicles													Goods Vehicles							Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van / Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Straight, Right and Left Turn Movements																									
Piplod to Althan	171	9	37	-	6	98	-	-	-	-	-	5	-	-	-	-	-	2	3	1	-	-	-	332	302
Althan to Piplod	860	27	155	-	91	1,059	1	-	-	-	-	33	1	-	-	-	4	11	18	3	6	-	1	2,270	1,848
Piplod to Magdalla	3,194	307	805	-	311	2,755	3	-	17	-	113	57	15	18	3	5	21	30	38	3	13	1	15	7,724	6,883
Magdalla to Piplod	3,610	19	745	8	345	2,037	7	-	7	-	107	63	23	4	-	1	17	24	81	-	10	-	5	7,113	6,603
Althan to Magdalla	1,802	35	452	-	160	1,418	1	-	5	-	74	29	3	73	11	3	31	22	54	4	-	-	1	4,178	3,880
Magdalla to Althan	1,650	164	455	-	106	1,709	-	-	2	-	69	19	6	9	11	3	31	37	72	6	20	-	10	4,379	3,839
U-turn Movements																									
Magdalla to Magdalla	67	5	24	1	3	47	-	-	-	-	-	-	6	-	-	-	-	-	1	-	-	-	-	154	144
Total	**11,354**	**566**	**2,673**	**9**	**1,022**	**9,123**	**12**	**-**	**31**	**-**	**363**	**206**	**54**	**104**	**25**	**12**	**104**	**126**	**267**	**17**	**49**	**1**	**32**	**26,150**	**23,500**

3.3 | TURNING MOVEMENT COUNTS

Revision of Comprehensive Mobility Plans (CMP) For Surat City																									
Name of the Junction: SH-168 & SH-169 Junction, Near Vanaka														Junction Type: 4-Arm							Date: 1/8/2024				
	Passenger Vehicles													Goods Vehicles								Non-motorised				
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others	Total Vehicles	Total PCUs
Straight, Right and Left Turn Movements																									
Vanakala to Morabhagal	3	-	-	-	-	20	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2	-	-	27	17
Morabhagal to Vanakala	7	-	-	-	-	16	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	25	18
Vanakala to Ichchhapor	700	65	27	-	-	905	-	6	4	-	-	3	14	87	87	709	133	5	45	4	1	6	-	2,801	3,533
Ichchhapor to Vanakala	692	53	32	-	-	830	2	3	5	5	-	-	-	181	77	538	86	1	28	3	3	1	2	2,542	3,160
Vanakala to Veluk	74	16	4	-	-	80	-	-	-	-	-	10	-	-	1	1	9	-	2	4	2	2	1	206	198
Veluk to Vanakala	67	10	4	-	-	99	-	-	-	-	-	2	-	2	-	5	4	1	2	6	-	-	1	203	186
Morabhagal to Ichchhapor	258	8	2	-	-	128	-	-	5	2	-	6	2	6	12	3	5	-	7	3	1	-	-	448	441
Ichchhapor to Morabhagal	337	13	5	-	-	151	1	2	6	4	-	8	-	2	12	3	11	1	8	1	-	-	1	566	548
Morabhagal to Veluk	878	61	145	8	-	2,400	1	8	-	-	-	151	3	4	-	-	32	13	15	7	5	-	1	3,732	2,802
Veluk to Morabhagal	867	56	128	30	3	2,633	-	6	2	2	-	64	9	2	1	-	28	9	17	9	4	-	2	3,872	2,736
Ichchhapor to Veluk	150	2	2	-	-	188	-	-	-	-	-	15	-	1	-	-	1	2	3	2	3	-	2	371	304
Veluk to Ichchhapor	95	7	2	-	3	129	-	-	-	1	-	3	1	1	-	-	3	-	2	2	2	-	1	252	203
Total	**4,128**	**291**	**351**	**38**	**6**	**7,579**	**4**	**25**	**23**	**14**	**-**	**262**	**29**	**286**	**190**	**1,259**	**314**	**32**	**129**	**41**	**24**	**9**	**11**	**15,045**	**14,144**

3.3 | TURNING MOVEMENT COUNTS

Revision of Comprehensive Mobility Plans (CMP) For Surat City																									
Name of the Junction: Surat-Dumas Road & Dumas Village Ro											Junction Type: 3-Arm									Date: 29/7/2024					
	Passenger Vehicles													Goods Vehicles							Non-motorised			Total Vehicles	Total PCUs
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Straight, Right and Left Turn Movements																									
Gaviyer to Ambawadi	1,085	50	82	-	132	1,458	4	2	14	-	10	1	4	10	1	3	9	11	36	4	6	-	-	2,922	2,320
Ambawadi to Gaviyer	1,047	41	96	5	144	1,786	3	1	8	-	8	-	9	1	2	3	5	15	48	1	17	-	3	3,243	2,457
Gaviyer to Dumas	262	26	28	5	148	635	1	-	1	-	6	2	1	4	-	-	1	3	22	1	-	-	1	1,147	896
Dumas to Gaviyer	267	13	30	-	103	775	-	-	-	-	6	-	1	3	-	-	-	8	22	-	2	-	1	1,231	892
Ambawadi to Dumas	38	3	-	-	7	67	-	-	-	-	-	-	-	1	3	1	1	-	-	6	-	-	-	127	119
Dumas to Ambawadi	31	3	1	-	13	64	-	-	-	-	-	-	-	-	4	-	-	-	1	5	1	-	1	124	115
Total	**2,730**	**136**	**237**	**10**	**547**	**4,785**	**8**	**3**	**23**	**-**	**30**	**3**	**15**	**19**	**10**	**7**	**16**	**37**	**129**	**17**	**26**	**-**	**6**	**8,794**	**6,799**

3.3 | TURNING MOVEMENT COUNTS

Revision of Comprehensive Mobility Plans (CMP) For Surat City																									
Name of the Junction: SH-6 & Road Number 6 Junction, Near S													Junction Type: 4-Arm						Date: 29/7/2024						
	Passenger Vehicles													Goods Vehicles							Non-motorised				
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others	Total Vehicles	Total PCUs
Straight, Right and Left Turn Movements																									
Unn Patiya to Palsana Chokdi	1,178	-	1,013	-	-	2,720	4	77	7	-	106	5	4	4	7	2	57	82	235	10	12	-	12	5,535	4,796
Palsana Chokdi to Unn Patiya	946	32	639	-	-	2,621	1	61	5	-	92	7	4	3	2	-	57	61	131	-	21	-	7	4,690	3,795
Unn Patiya to Sachin INA	1,529	-	3,101	-	-	8,479	3	5	5	-	73	2	8	9	14	40	222	461	811	4	405	1	9	15,181	12,030
Sachin INA to Unn Patiya	1,965	31	4,030	-	-	8,704	6	35	10	-	70	5	9	6	12	11	313	592	974	7	183	-	12	16,975	14,171
Palsana Chokdi to Sachin INA	17	-	20	-	8	82	-	-	-	-	-	-	-	-	-	1	10	-	2	-	3	-	1	144	113
Sachin INA to Palsana Chokdi	52	-	32	-	-	196	-	-	-	-	-	-	-	1	2	2	8	5	14	-	2	1	2	317	242
Total	**5,687**	**63**	**8,835**	**-**	**8**	**22,802**	**14**	**178**	**27**	**-**	**341**	**19**	**25**	**23**	**37**	**56**	**667**	**1,201**	**2,167**	**21**	**626**	**2**	**43**	**42,842**	**35,146**

3.3 | TURNING MOVEMENT COUNTS

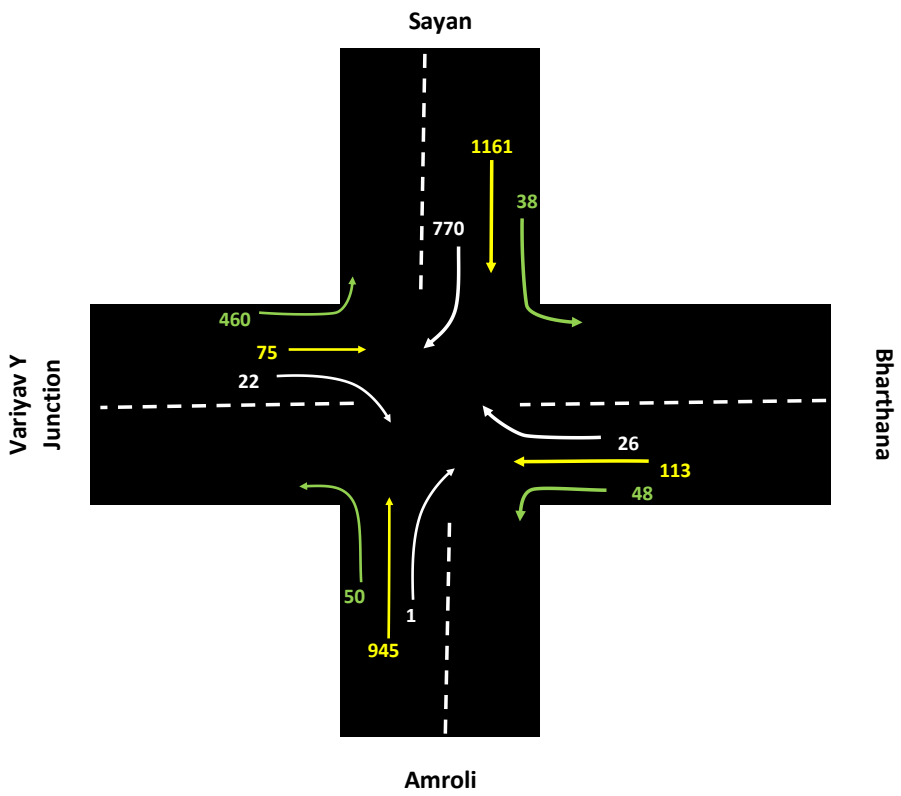
Revision of Comprehensive Mobility Plans (CMP) For Surat City																									
Name of the Junction: SH-170 & Canal Road Junction, Aashut								Junction Type: 4-Arm											Date: 30/7/2024						
	Passenger Vehicles													Goods Vehicles								Non-motorised				
Direction	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others	Total Vehicles	Total PCUs
Straight, Right and Left Turn Movements																									
Dindoli to Karala	487	1	235	-	-	1,552	1	-	-	-	-	6	4	3	1	8	221	64	85	-	8	1	-	2,677	2,106
Karala to Dindoli	598	10	205	-	-	1,501	1	1	-	-	-	9	-	7	4	6	146	70	90	1	7	1	6	2,663	2,097
Dindoli to Bonand	1,459	60	839	-	1	4,924	1	-	12	-	34	14	7	4	4	9	396	173	291	2	26	4	5	8,265	6,377
Bonand to Dindoli	1,517	71	932	-	6	6,074	4	-	11	-	43	11	7	15	4	5	48	182	320	6	165	5	6	9,432	6,808
Dindoli to Bhestan	309	-	104	-	-	947	1	-	2	-	-	7	-	5	5	26	287	43	44	4	18	2	2	1,806	1,552
Bhestan to Dindoli	4	1	3	-	-	28	-	-	-	-	-	-	-	-	-	-	-	2	-	-	2	-	-	40	26
Karala to Bonand	75	3	26	-	-	182	-	-	-	-	-	-	-	4	1	4	19	6	-	-	3	-	1	324	257
Bonand to Karala	69	1	23	-	1	110	1	-	-	-	-	-	-	2	-	2	7	7	7	-	2	-	-	232	193
Karala to Bhestan	281	2	60	-	-	671	-	-	2	-	-	-	1	3	11	29	148	54	89	18	3	1	4	1,377	1,269
Bhestan to Karala	303	-	83	-	-	830	2	-	3	-	-	1	-	4	9	38	175	26	95	5	4	1	4	1,583	1,380
Bonand to Bhestan	68	11	18	-	-	239	-	-	-	-	-	1	2	3	5	2	8	5	25	3	5	-	-	395	315
Bhestan to Bonand	188	6	47	-	-	814	1	-	-	2	-	5	1	2	-	9	32	10	32	-	3	1	-	1,153	805
U-turn Movements																									
Bonand to Bonand	69	1	23	-	1	110	-	-	-	-	-	-	-	2	-	2	7	7	7	-	2	-	-	231	191
Total	**5,427**	**167**	**2,598**	**-**	**9**	**17,982**	**12**	**1**	**30**	**2**	**77**	**54**	**22**	**54**	**44**	**140**	**1,494**	**649**	**1,085**	**39**	**248**	**16**	**28**	**30,178**	**23,374**

Revision of Comprehensive Mobility Plans (CMP) For Surat City																									
Name of the Junction: Lambe Hanuman Road & Unapani Road Junction																		Date:	2/8/2024						
	Passenger												Goods						Non-motorised					Total Vehicles	Total PCUs
Vehicle Type	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Kuber Nagar to Sayedpura	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sayedpura to Kuber Nagar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kuber Nagar to Railway Station	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Railway Station to Kuber Nagar	421	146	2,194	-	-	929	-	32	-	-	274	1	-	1	-	-	1	23	21	-	21	-	3	4,062	6,400
Kuber Nagar to Kessi Circle (Amar Nagar)	518	64	1,114	3	-	3,431	1	4	6	-	6	2	6	3	1	1	25	102	119	1	119	1	15	5,509	5,840
Kessi Circle (Amar Nagar) to Kuber Nagar	745	15	2,819	-	-	2,987	7	3	6	-	341	8	9	-	1	-	17	88	120	-	120	-	1	7,213	9,776
Kuber Nagar to Zamba Bazar	122	17	408	1	-	1,976	2	-	-	-	-	2	-	-	-	-	3	56	32	-	32	-	3	2,636	2,572
Zamba Bazar to Kuber Nagar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kuber Nagar to Gale Mandi Road	5	1	26	-	-	154	-	-	-	-	-	-	-	-	-	-	-	6	2	-	2	-	1	196	185
Gale Mandi Road to Kuber Nagar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sayedpura to Railway Station	14	-	60	-	-	195	-	-	-	-	-	-	-	-	-	-	2	8	5	-	5	-	-	285	300
Railway Station to Sayedpura	7	5	44	-	-	470	-	-	-	-	-	-	-	-	-	-	1	5	2	-	2	-	-	544	469
Sayedpura to Kessi Circle (Amar Nagar)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kessi Circle (Amar Nagar) to Sayedpura	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sayedpura to Zamba Bazar	9	3	85	-	-	903	-	-	-	-	-	-	-	-	-	-	-	10	5	-	5	-	-	1,041	890
Zamba Bazar to Sayedpura	7	2	83	-	-	492	1	-	-	-	-	-	-	-	-	-	1	15	3	-	3	-	-	616	575
Sayedpura to Gale Mandi Road	2	-	30	-	-	344	-	-	-	-	-	-	-	-	-	-	-	7	6	-	6	-	-	394	339
Gale Mandi Road to Sayedpura	10	1	70	-	-	226	-	-	-	-	-	-	-	-	-	-	-	15	2	-	2	-	3	333	349
Railway Station to Kessi Circle (Amar Nagar)	1,750	461	9,430	-	-	1,924	2	141	7	-	222	2	-	3	2	-	26	33	52	8	52	8	18	14,151	23,588
Kessi Circle (Amar Nagar) to Railway Station	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Railway Station to Zamba Bazar	397	16	2,880	4	-	3,837	3	-	-	-	-	5	-	-	-	-	25	77	38	-	38	-	3	7,353	9,284
Zamba Bazar to Railway Station	433	32	1,202	-	-	4,375	1	-	-	-	-	-	-	-	-	1	48	73	40	2	40	2	1	6,270	6,404
Railway Station to Gale Mandi Road	40	1	249	-	-	1,515	-	-	-	-	-	-	-	-	-	1	11	20	5	5	5	5	-	1,877	1,759
Gale Mandi Road to Railway Station	651	2	2,424	-	-	4,532	-	1	-	-	-	7	-	2	-	-	34	96	75	-	75	-	2	7,845	9,200
Kessi Circle (Amar Nagar) to Zamba Bazar	402	-	640	-	-	1,907	1	-	-	-	-	1	-	-	-	-	7	86	70	3	70	3	-	3,124	3,344
Zamba Bazar to Kessi Circle (Amar Nagar)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kessi Circle (Amar Nagar) to Gale Mandi Road	6	-	36	-	-	112	-	-	-	-	-	-	-	-	-	-	-	3	1	-	1	-	-	160	168
Gale Mandi Road to Kessi Circle (Amar Nagar)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zamba Bazar to Gale Mandi Road	1	2	35	-	-	349	-	-	-	-	-	1	-	-	-	-	-	6	6	1	6	1	-	410	362
Gale Mandi Road to Zamba Bazar	5	2	119	-	-	280	-	-	-	-	-	-	-	-	-	-	2	11	3	-	3	-	-	432	479
Total	**5,545**	**770**	**23,948**	**8**	**-**	**30,938**	**18**	**181**	**19**	**-**	**843**	**29**	**15**	**9**	**4**	**3**	**203**	**740**	**607**	**20**	**607**	**20**	**50**	**64,451**	**82,283**

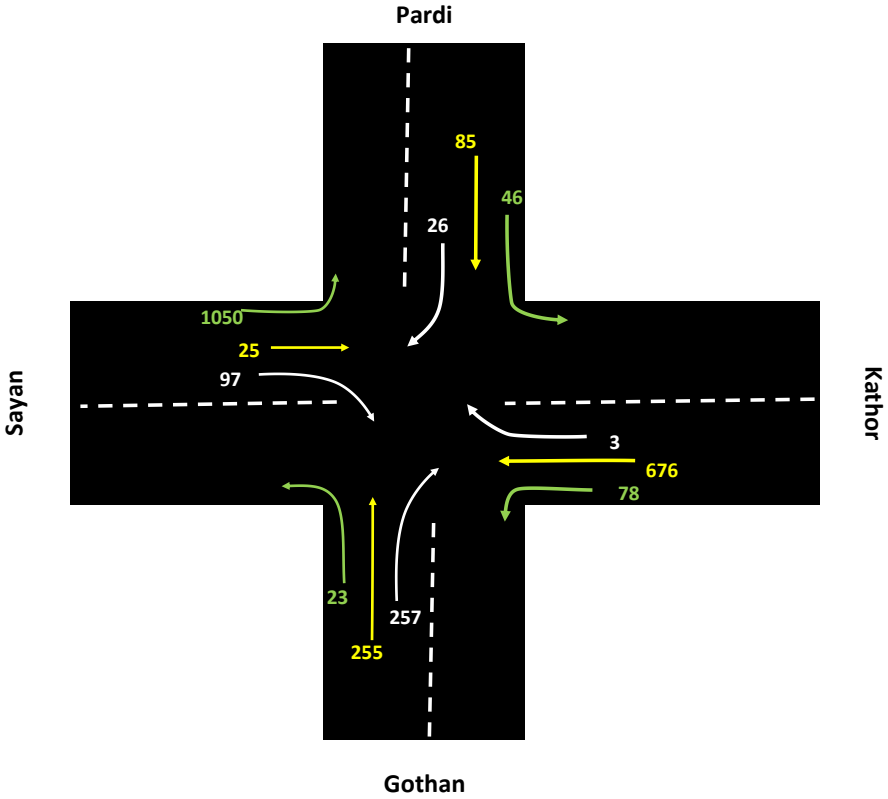
Revision of Comprehensive Mobility Plans (CMP) For Surat City																									
Name of the Junction: Station Road & Kotsafil Main Road Junction, Bhagal Char Rasta																		Date:	7/8/2024						
	Passenger												Goods						Non-motorised					Total Vehicles	Total PCUs
Vehicle Type	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Sayedpura to Mahindrapura	18	1	266	-	-	557	-	-	-	-	-	-	-	1	-	-	1	8	11	-	11	-	-	876	1,007
Mahindrapura to Sayedpura	1	-	2	-	-	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	39
Sayedpura to Railway Station Road	12	-	226	-	-	526	1	-	-	-	-	-	-	-	-	-	-	12	11	-	11	-	-	802	895
Railway Station Road to Sayedpura	11	-	191	-	-	408	-	-	-	-	-	-	-	-	-	-	1	1	14	1	14	1	2	634	731
Sayedpura to Rudrapura	220	8	1,222	-	-	5,060	-	-	-	4	-	1	-	1	-	2	1	158	103	3	103	3	3	6,819	6,852
Rudrapura to Sayedpura	129	14	1,134	-	-	4,703	-	-	-	3	-	3	-	1	-	-	6	131	90	2	90	2	16	6,350	6,326
Sayedpura to Gopipura	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gopipura to Sayedpura	1	-	5	3	-	139	-	-	-	-	-	-	-	-	-	-	-	1	2	-	2	-	-	161	128
Sayedpura to Chowk Bazar Road	85	1	453	-	-	2,109	-	-	-	-	-	-	-	-	-	-	2	23	12	-	12	-	1	2,758	2,662
Chowk Bazar Road to Sayedpura	67	1	435	1	-	1,975	-	-	-	-	-	-	-	-	-	-	2	11	13	-	13	-	4	2,533	2,471
Mahindrapura to Railway Station Road	-	-	3	-	-	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	26
Railway Station Road to Mahindrapura	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mahindrapura to Rudrapura	4	-	26	-	-	414	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	483	395
Rudrapura to Mahindrapura	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mahindrapura to Gopipura	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gopipura to Mahindrapura	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mahindrapura to Chowk Bazar Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chowk Bazar Road to Mahindrapura	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Railway Station Road to Rudrapura	189	-	574	-	-	1,754	1	-	1	-	-	2	-	-	-	-	5	39	32	2	32	2	3	2,624	2,783
Rudrapura to Railway Station Road	225	25	874	-	-	4,083	1	-	-	-	-	1	-	-	-	-	11	64	51	5	51	5	7	5,409	5,283
Railway Station Road to Gopipura	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gopipura to Railway Station Road	1	-	14	-	-	254	-	-	-	-	-	-	-	-	-	-	-	4	-	1	-	1	-	295	239
Railway Station Road to Chowk Bazar Road	294	-	3,070	-	-	6,543	-	-	-	-	-	-	-	-	-	-	7	95	39	1	39	1	3	10,140	11,569
Chowk Bazar Road to Railway Station Road	408	60	4,311	-	-	5,890	-	-	-	-	-	1	-	-	-	-	12	126	106	1	106	1	6	11,075	13,913
Rudrapura to Gopipura	8	-	56	-	-	196	-	-	-	-	-	-	-	-	-	-	1	7	2	-	2	-	1	271	281
Gopipura to Rudrapura	-	1	15	3	-	42	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	64	69
Rudrapura to Chowk Bazar Road	123	13	895	-	-	2,395	-	-	-	-	-	3	-	-	-	-	2	60	31	-	31	-	13	3,560	3,877
Chowk Bazar Road to Rudrapura	70	4	444	1	-	253	-	-	-	-	-	3	-	-	-	-	1	15	28	-	28	-	-	820	1,219
Gopipura to Chowk Bazar Road	15	-	127	-	-	798	-	-	-	-	-	-	-	-	-	-	-	9	4	-	4	-	-	960	887
Chowk Bazar Road to Gopipura	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sayedpura to Sayedpura	2	-	657	-	-	16	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	677	1,331
Rudrapura to Rudrapura	9	2	766	-	-	171	-	-	-	-	-	-	-	-	-	-	-	3	1	-	1	-	-	952	1,676
Total	**1,892**	**130**	**15,766**	**8**	**-**	**38,356**	**3**	**-**	**1**	**7**	**-**	**14**	**-**	**3**	**-**	**2**	**52**	**773**	**550**	**16**	**550**	**16**	**61**	**58,342**	**64,657**

Revision of Comprehensive Mobility Plans (CMP) For Surat City																								
Name of the Junction: Dayalji Ashram Marg & Kadarshani Nal Road Junction, Vallabh Chowk																		Date:	7/8/2024					
	Passenger												Goods						Non-motorised					Total Vehicles	Total PCUs
Vehicle Type	Car/Van/ Jeep.Pvt	Car/Van/ Jeep.Taxi	Auto Rickshaw	Shared Autos	Tata Magic	Two Wheelers	Mini Bus	State Bus	Private Bus	City Bus	BRTS	Institutional Bus	Company Bus	2 Axle Truck	3 Axle Truck	Multi Axle Truck	LCV / Metador	Goods Auto	Tata Ace	Tractor / Tractor Trailer	Cycles	Cycle Rickshaw	Others		
Nanpura to Rudrapura	36	1	160	-	-	266	-	-	-	-	-	1	-	1	-	-	3	4	3	-	3	-	2	478	578
Rudrapura to Nanpura	19	-	63	1	-	359	-	-	-	-	-	-	-	3	-	-	-	1	6	-	6	-	1	457	435
Nanpura to Sangampura	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sangampura to Nanpura	27	2	82	3	-	584	-	-	-	-	-	-	-	-	-	-	-	17	10	-	10	-	3	748	682
Nanpura to Majura Gate	8	2	76	-	-	382	-	-	-	-	-	-	-	-	-	-	-	4	1	-	1	-	1	481	459
Majura Gate to Nanpura	51	6	417	4	-	822	-	-	-	-	-	-	-	-	-	-	-	21	11	-	11	-	-	1,377	1,572
Nanpura to Dhanmora	111	2	499	-	-	1,471	1	-	-	-	-	-	-	1	5	-	9	30	29	-	29	-	-	2,171	2,323
Dhanmora to Nanpura	31	-	34	-	-	301	-	1	-	-	-	-	-	1	1	2	1	2	2	1	2	1	-	379	347
Rudrapura to Sangampura	37	5	108	3	-	1,364	-	-	-	-	-	1	-	-	-	-	1	10	4	-	4	-	1	1,565	1,320
Sangampura to Rudrapura	22	-	26	-	-	136	-	-	-	-	-	1	-	-	-	-	1	1	1	1	1	1	2	191	189
Rudrapura to Majura Gate	-	-	2	-	-	70	-	-	-	-	-	4	-	-	-	-	-	-	-	1	-	1	-	83	72
Majura Gate to Rudrapura	268	28	843	1	-	2,386	-	-	-	-	-	2	-	-	-	-	-	30	20	-	20	-	2	3,646	3,871
Rudrapura to Dhanmora	395	19	320	-	-	4,878	-	-	-	-	-	4	1	2	4	1	3	32	17	-	17	-	5	5,833	4,874
Dhanmora to Rudrapura	557	8	492	-	-	5,394	-	-	-	-	-	2	-	1	-	-	6	27	36	-	36	-	-	6,604	5,727
Sangampura to Majura Gate	-	-	1	-	-	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	16
Majura Gate to Sangampura	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sangampura to Dhanmora	55	4	54	-	-	773	-	-	-	-	-	2	-	-	-	-	-	10	7	-	7	-	1	921	780
Dhanmora to Sangampura	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Majura Gate to Dhanmora	13	-	8	-	-	97	-	-	-	-	-	-	-	-	-	-	-	2	1	-	1	-	1	122	107
Dhanmora to Majura Gate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	**1,630**	**77**	**3,185**	**12**	**-**	**19,302**	**1**	**1**	**-**	**-**	**-**	**17**	**1**	**9**	**10**	**3**	**24**	**191**	**148**	**3**	**148**	**3**	**19**	**25,076**	**23,351**

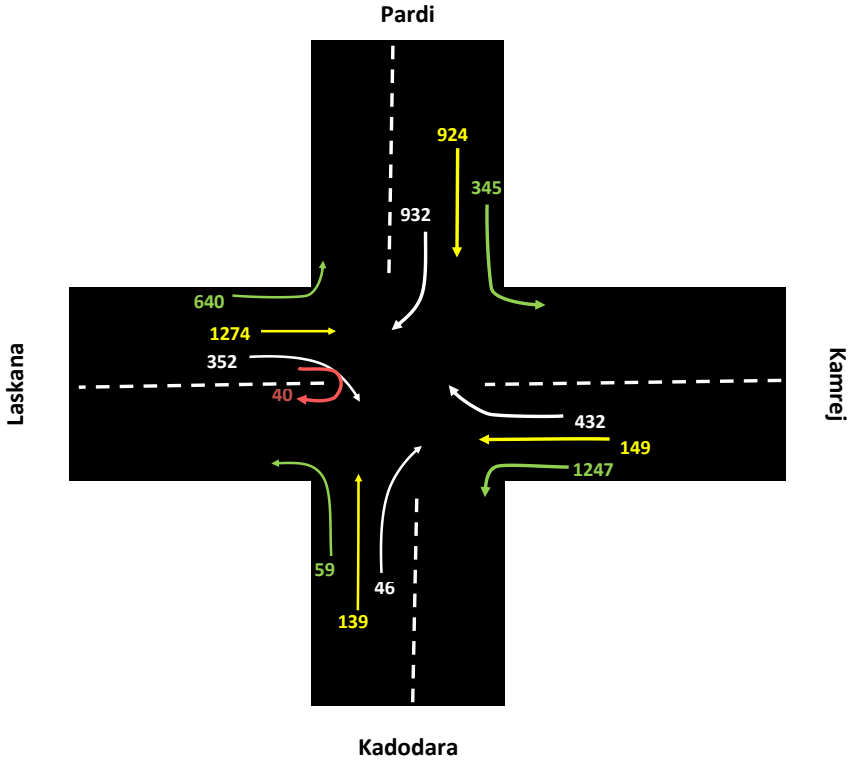
TMC 1 Outer Ring Road & Amroli- Sayan Junction



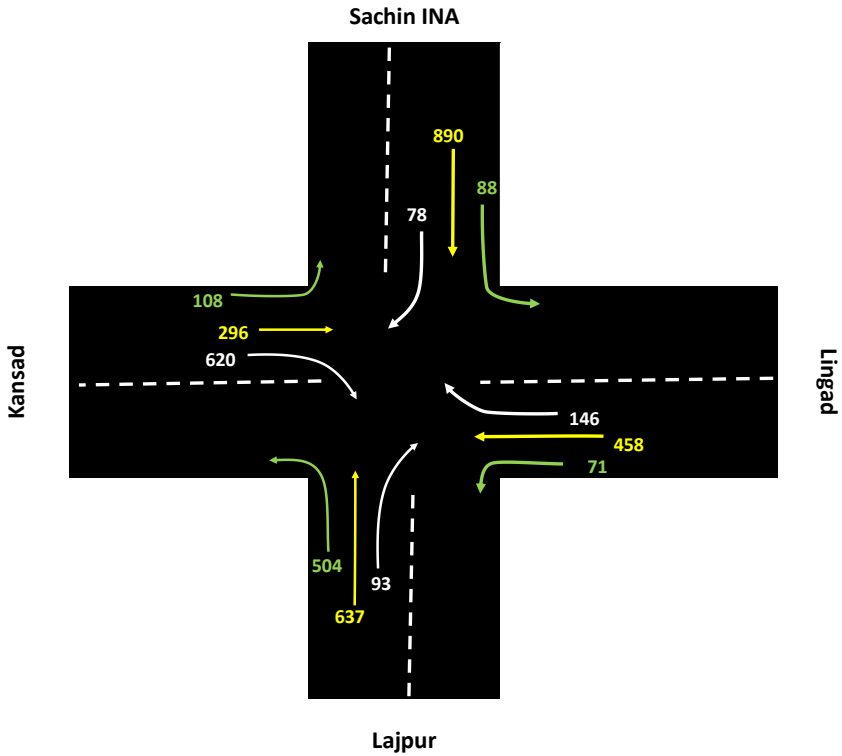
TMC 2 SH-167 & SH-605 Junction, Rangoli Chokadi



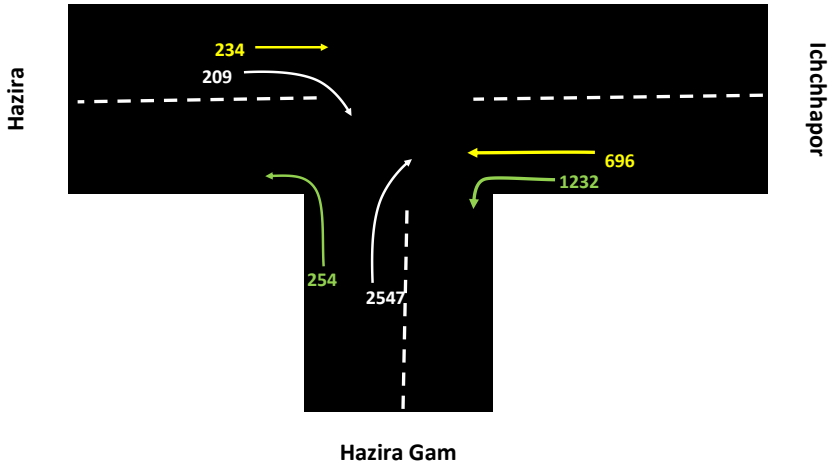
TMC 3 NH-48 & SH-167 Junction, Kamrej Cross Road Junction



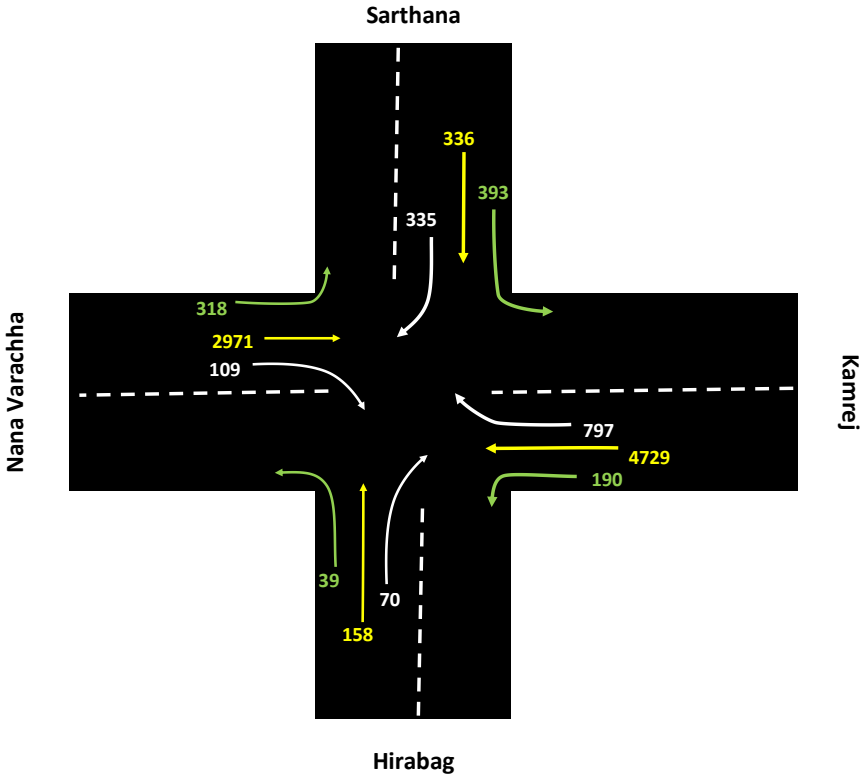
TMC 4 SH-6 & SH-611, Sachin Char Rasta Junction



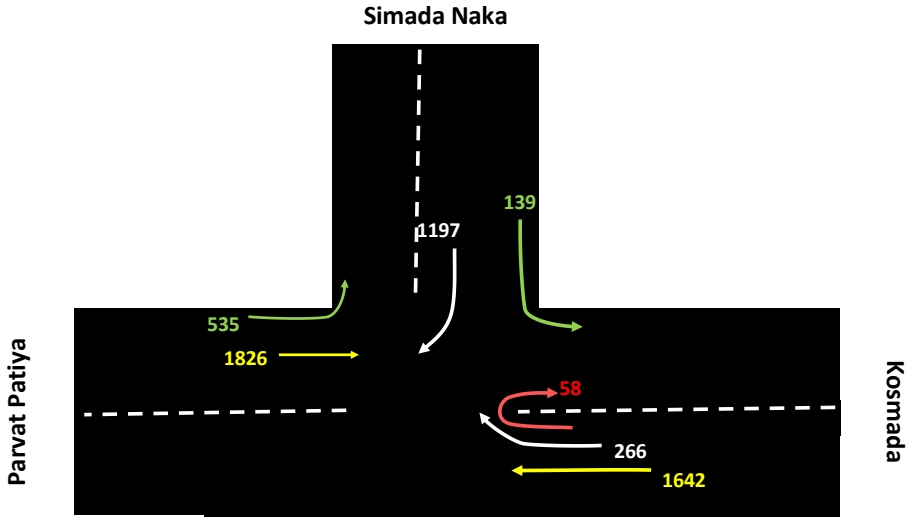
TMC 5 NH-53 & Hazira Bypass Junction, Mora Char Rasta



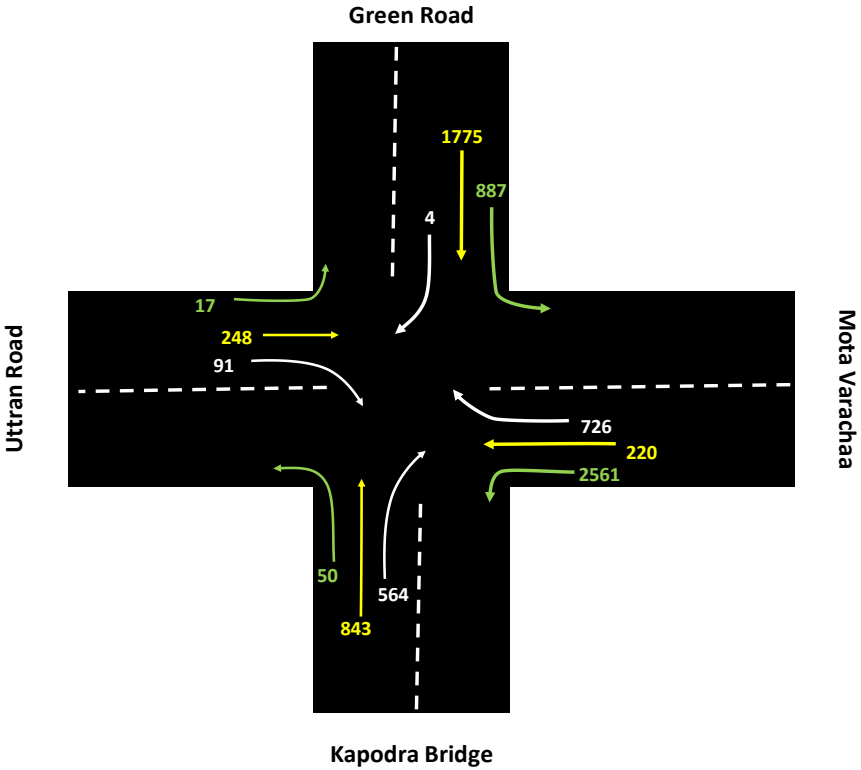
TMC 6 SH-167 & Yogeshwar Road Junction, Shyamdham Mandir Circle



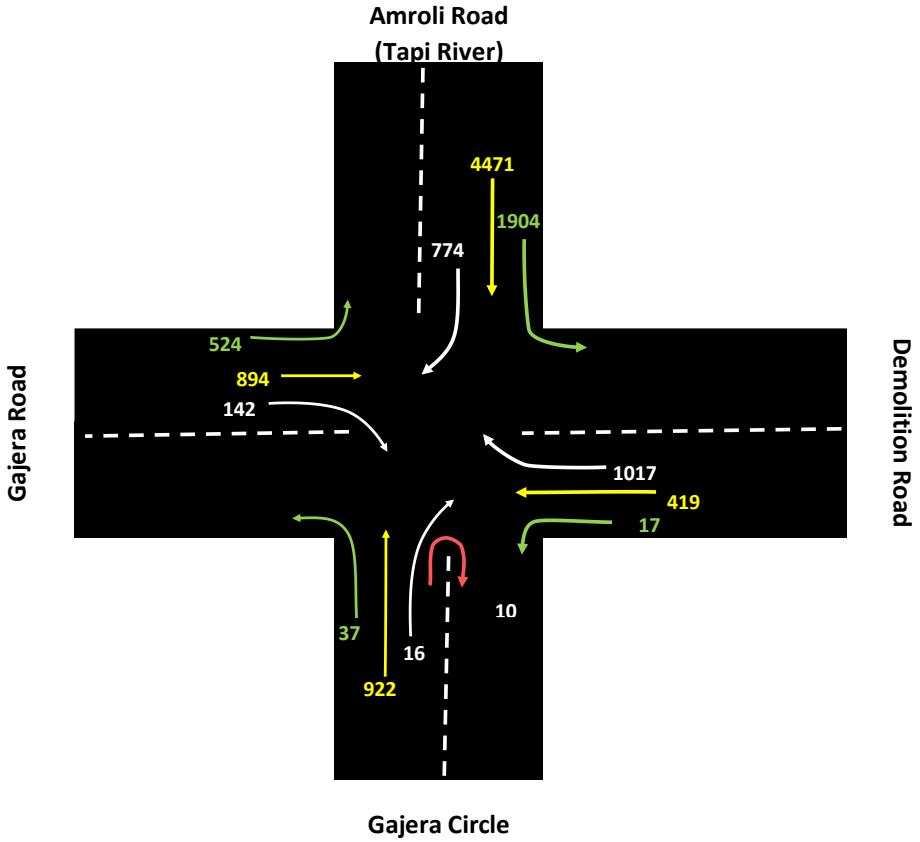
TMC 7 BRTS Road & Vesu Canal Road Junction, Datar Chowk



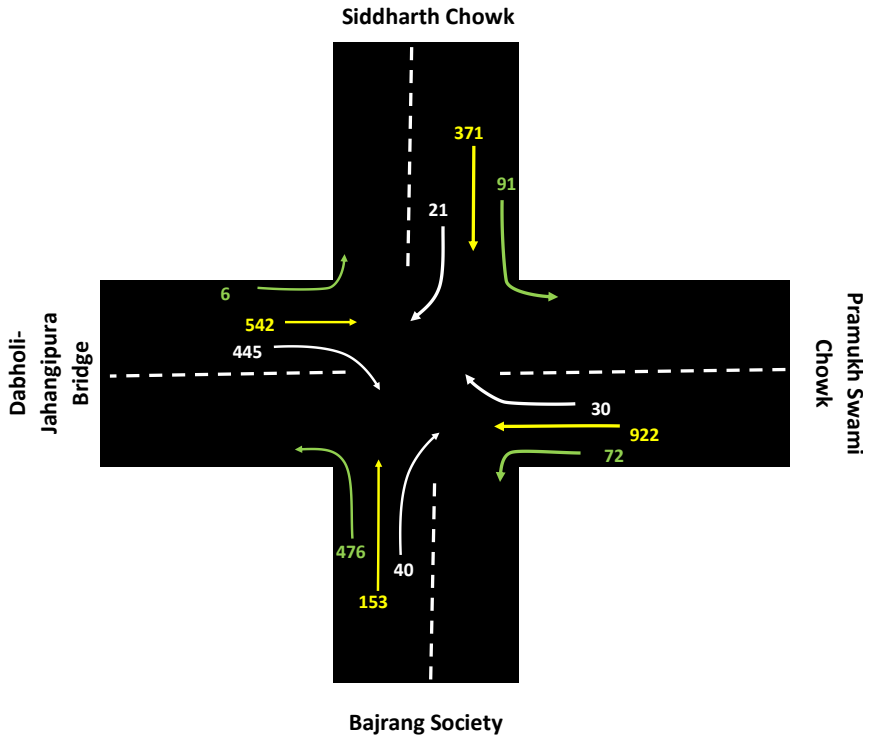
TMC 8 Green Road & Mota Varachha Main Road Junction, VIP Circle



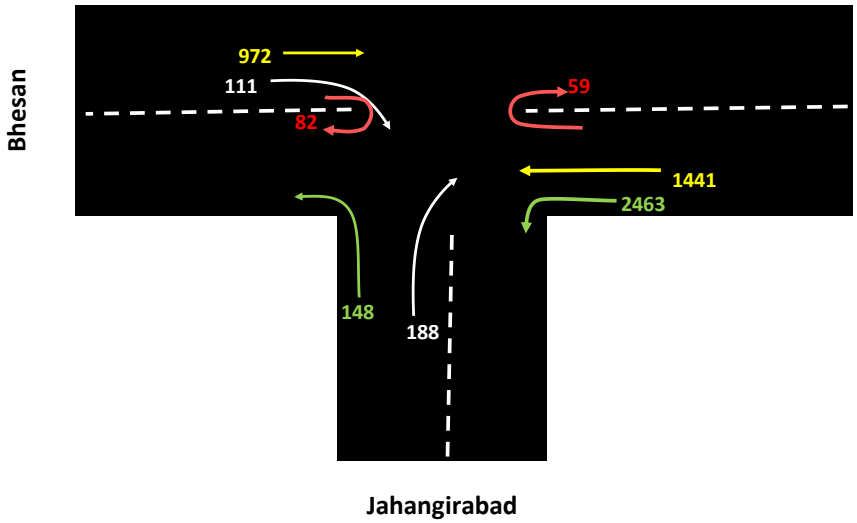
TMC 9 Amroli Road & Gajera Road Junction



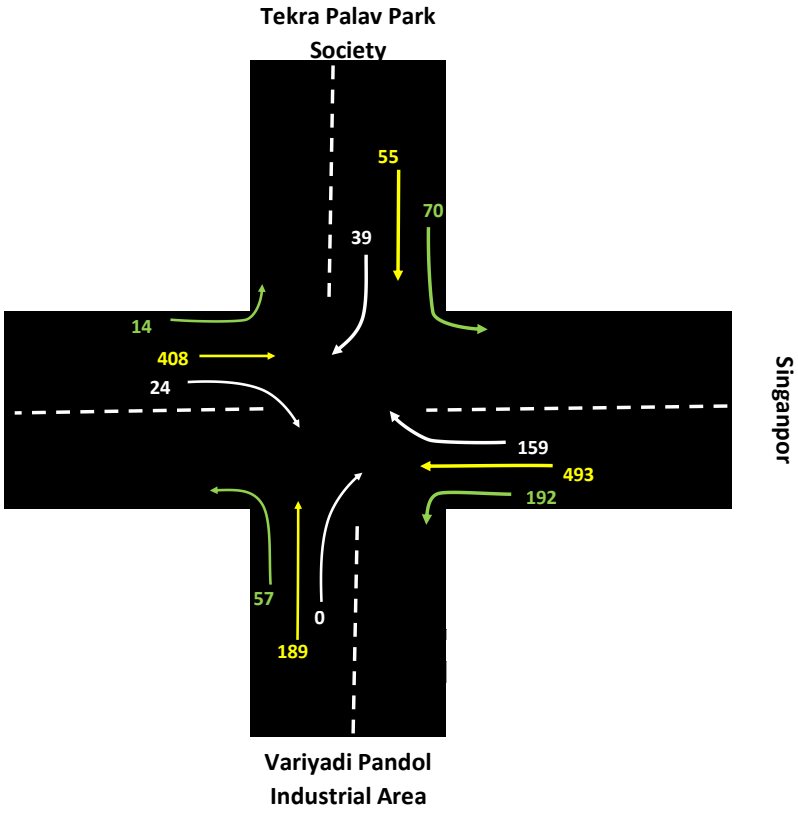
TMC 10 Dabholi Road & Dabholi-Jahangirpura Bridge Road Junction



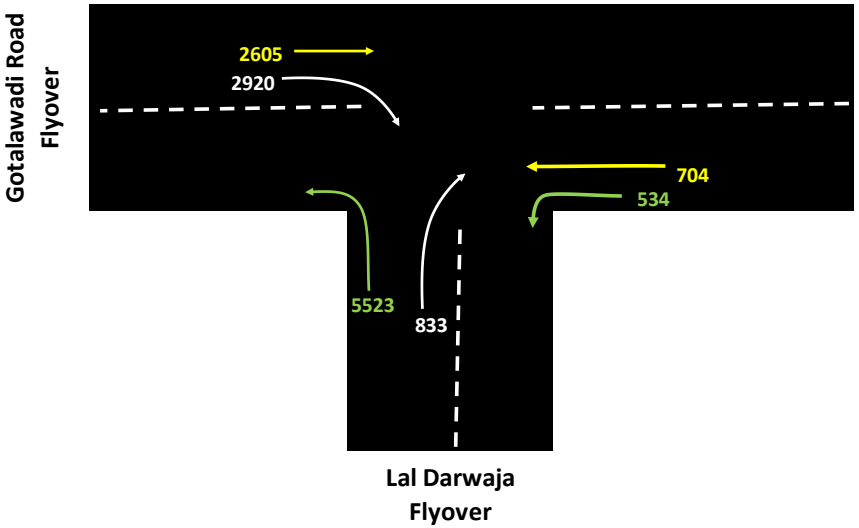
TMC 11 Besan Road & Ugat Road Junction



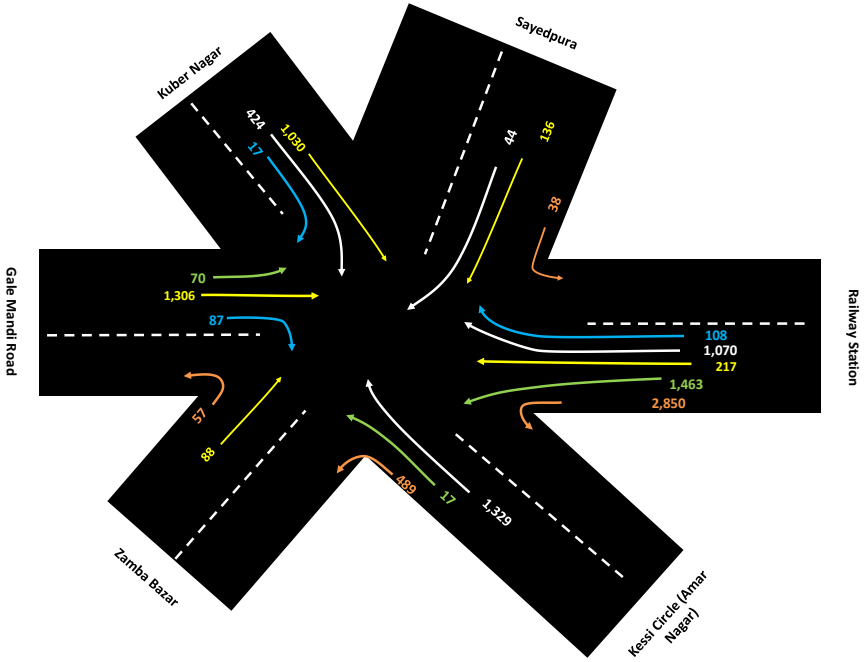
TMC 12 Atlabh Marg & Causeway Road Junction, Brid Chowk



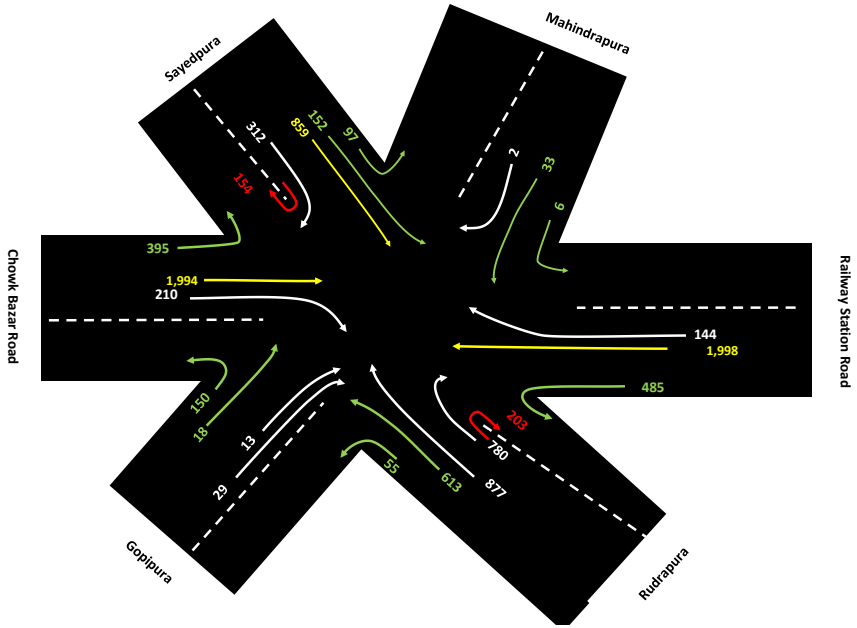
TMC 13 Gotalawadi Road & Lal Darwaja Road Junction, Manav Dharma Chowk



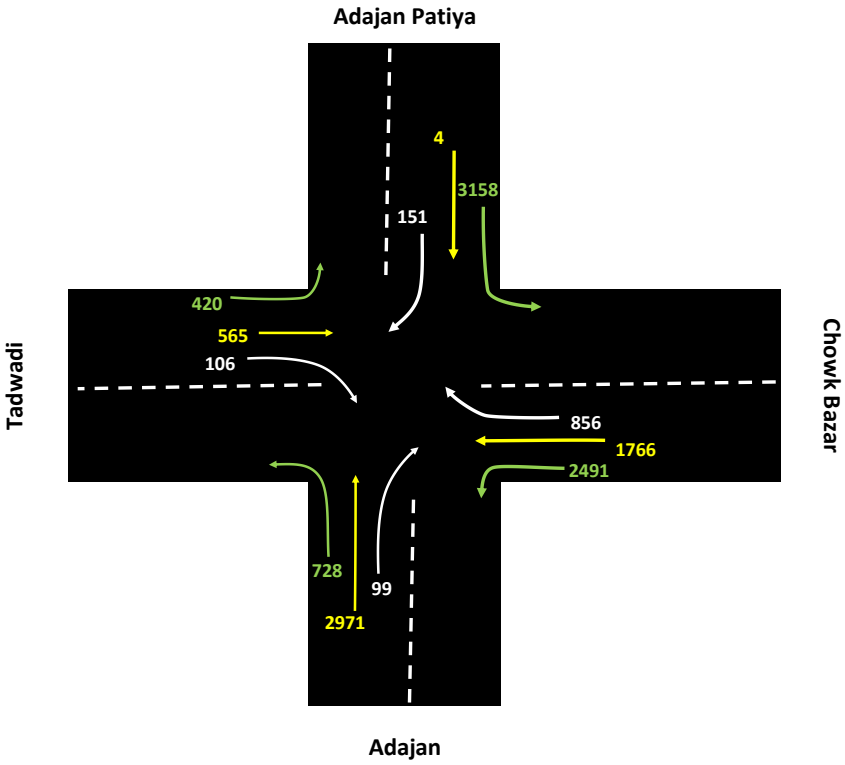
TMC 14 Lambe Hanuman Road & Unapani Road Junction



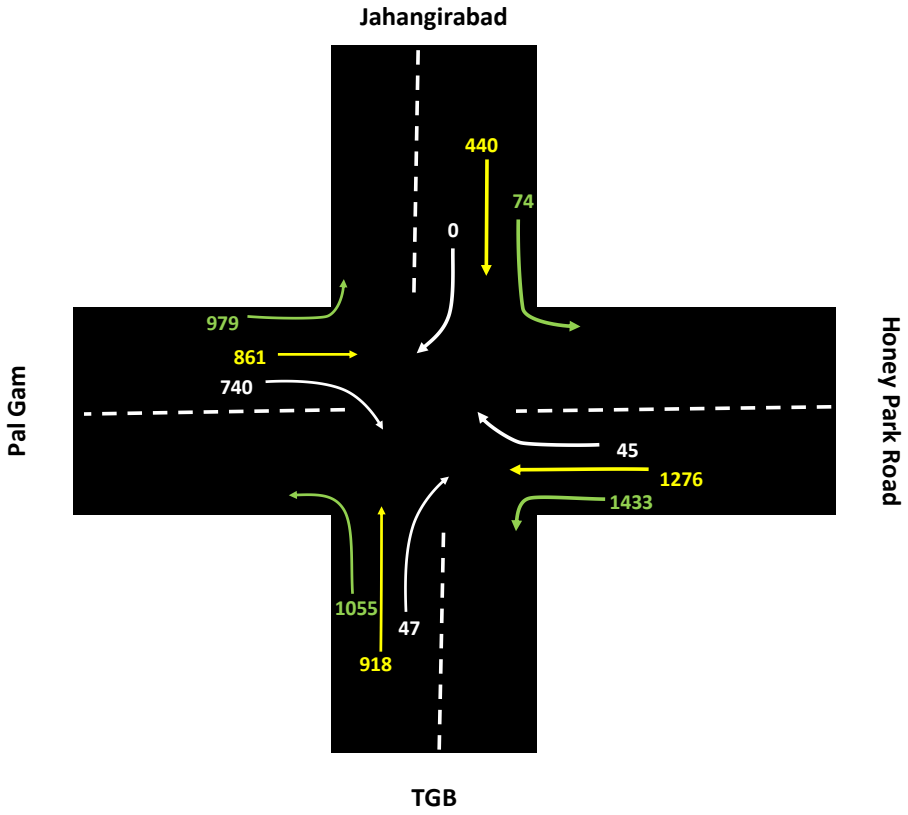
TMC 15 Station Road & Kotsafil Main Road Jn, Bhagal 4 Rasta



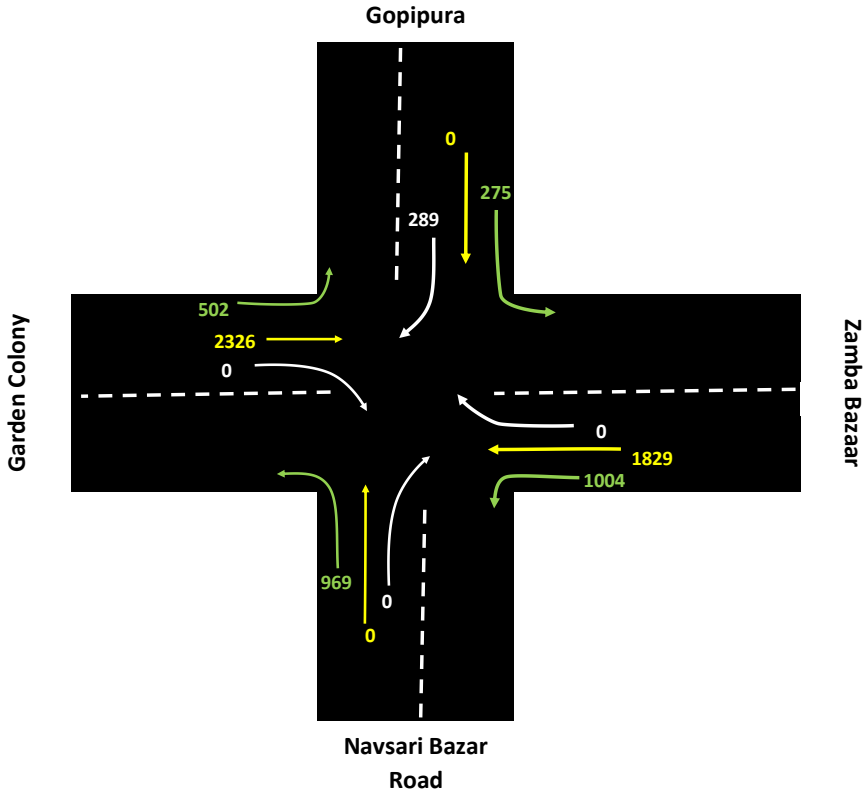
TMC 16 Rander Rd & Hazira-Adajan Rd Jn, Adajan Circle



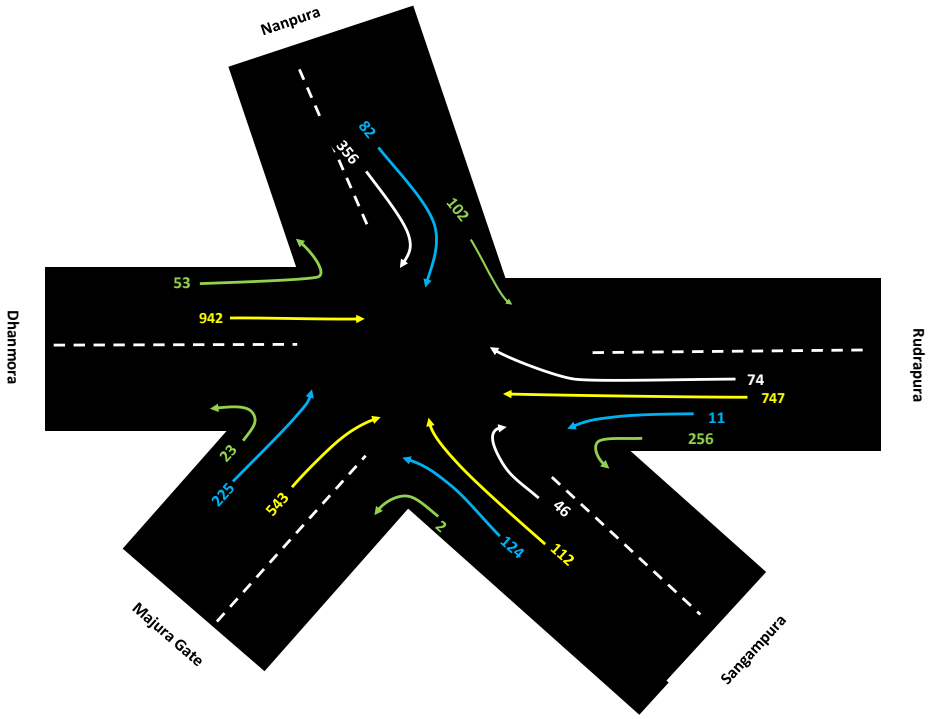
TMC 17 Subhash Chandra Bose Marg & Honey Park Road Junction, LP Savani Circle



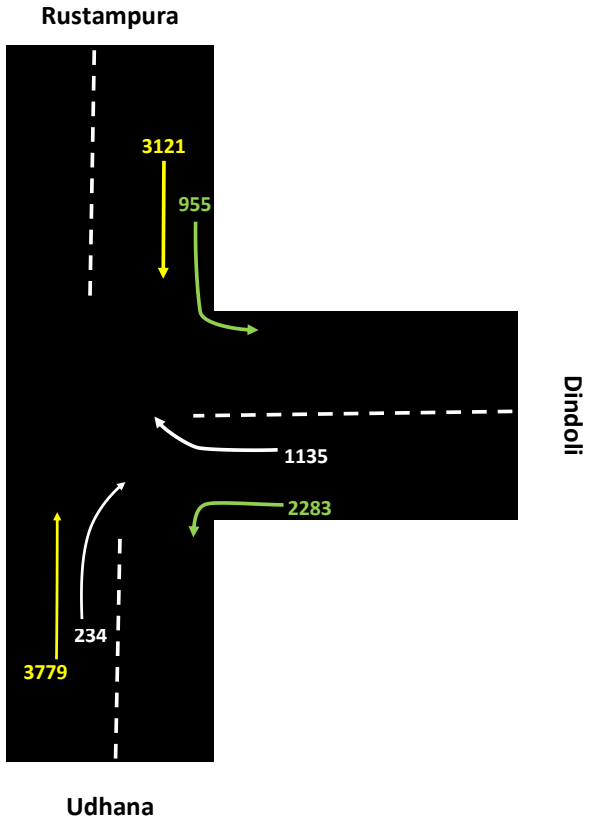
TMC 18 Kotsafil Main Road & Navsari Bazar Road Junction



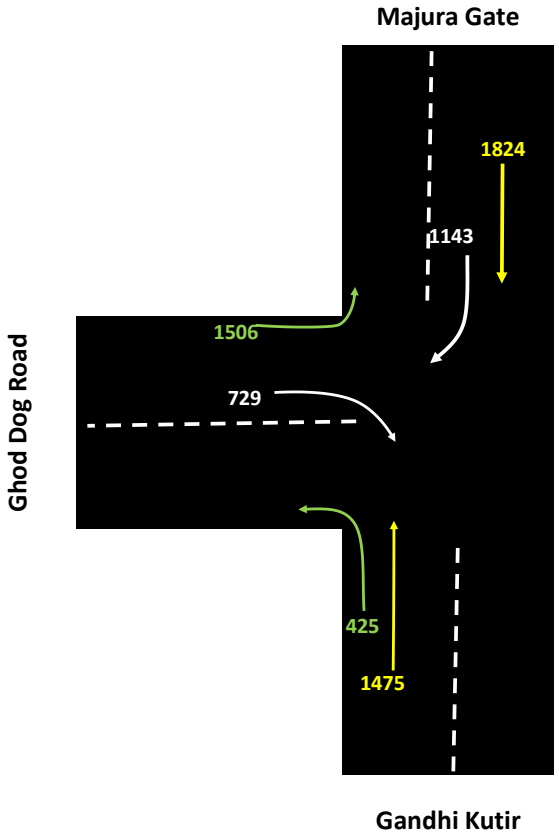
TMC 19 Dayalji Ashram Marg & Kadarshani Nal Road Junction, Vallabh Chowk



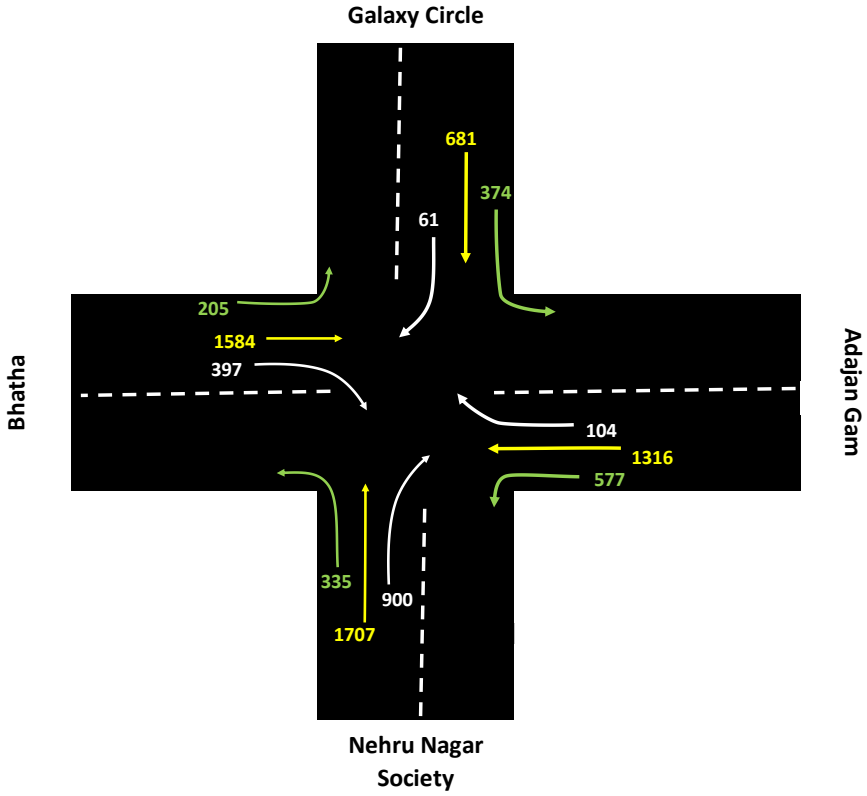
TMC 20 SH-6 & SH-170 Junction, Near Udhana Rasta Harinagar



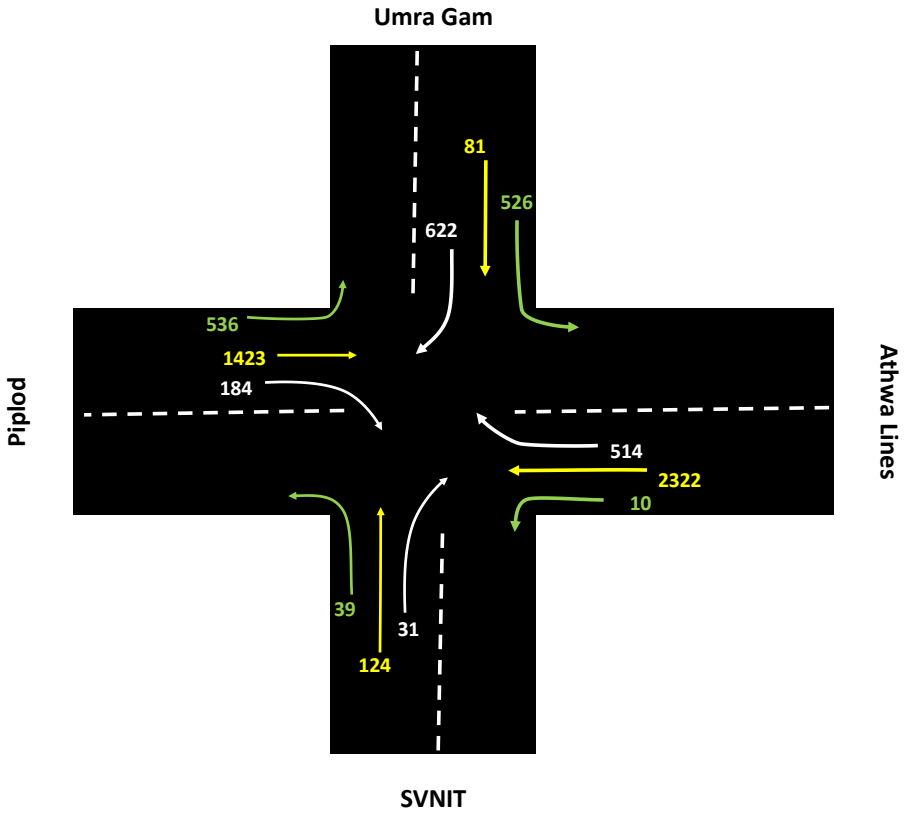
TMC 21 Prajapati Brahma Marg & Ghod Dod Road Junction



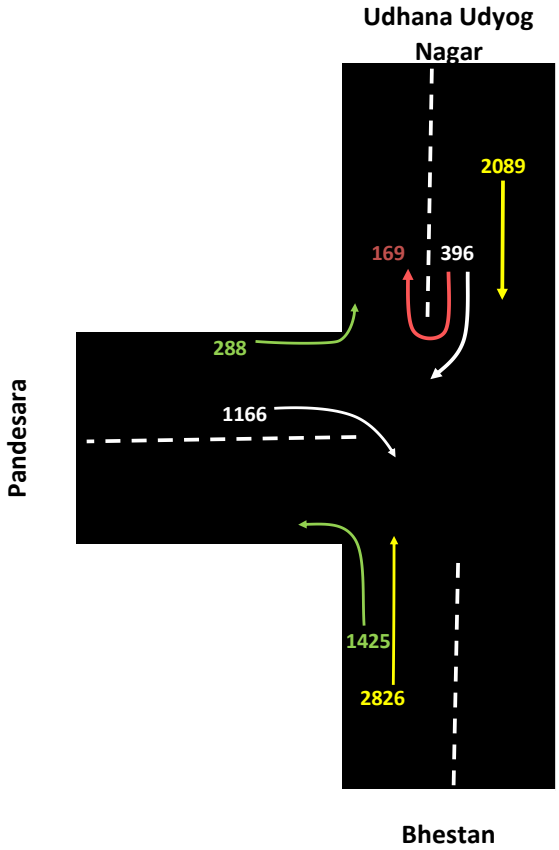
TMC 22 Green Road & Mota Varachha Main Road Jn, VIP Circle



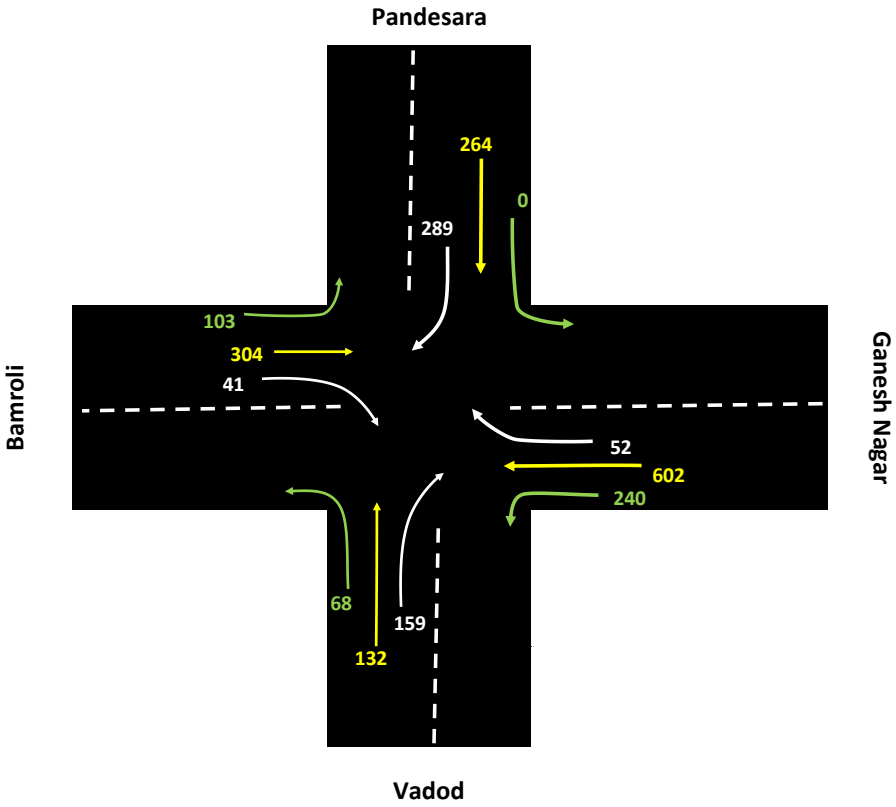
TMC 23 Surat-Dumas Rd. & Patel Street Junction, Keval Chowk



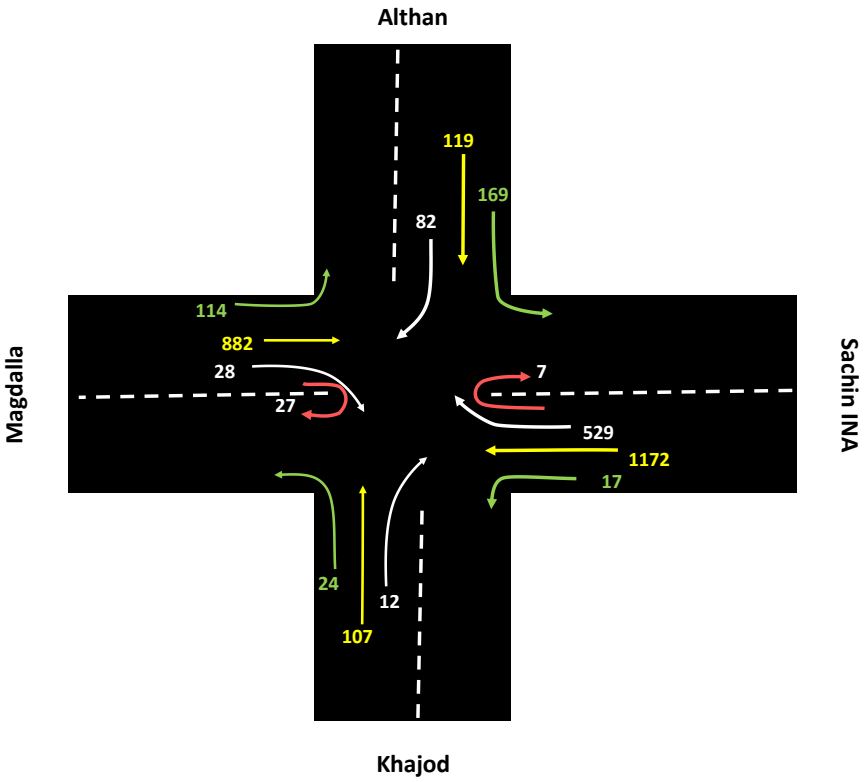
TMC 24 SH-6 & Bamroli-Althan Road Junction



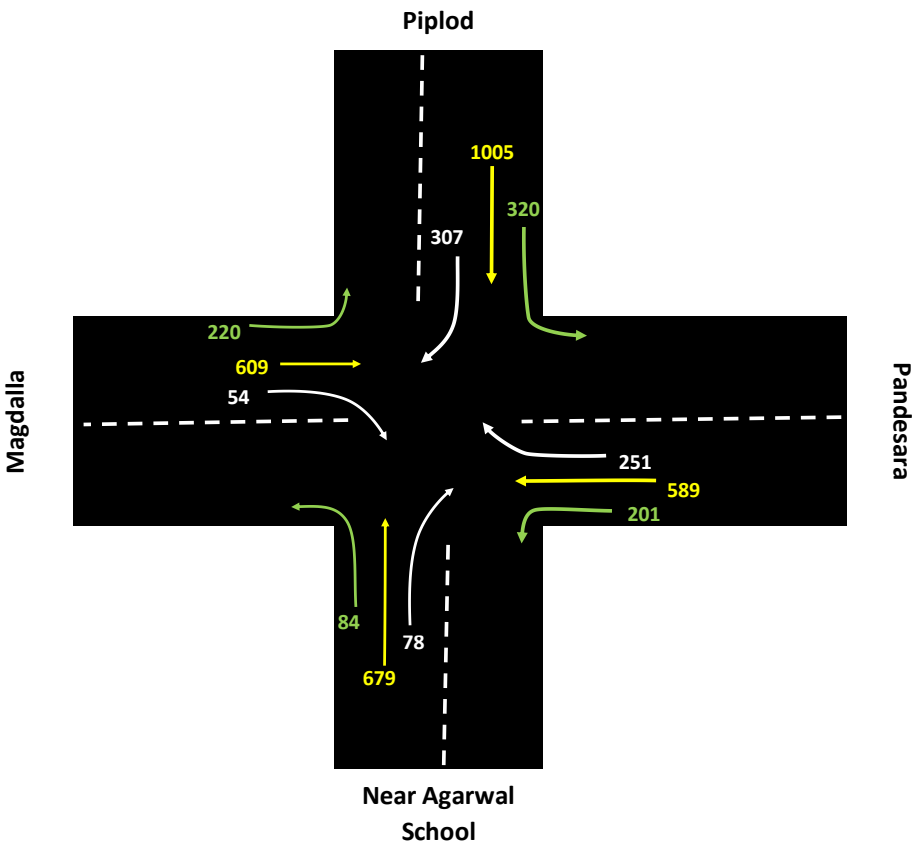
TMC 25 New Bamroli Rd & New Althan Rd Jn, Tirupati Circle



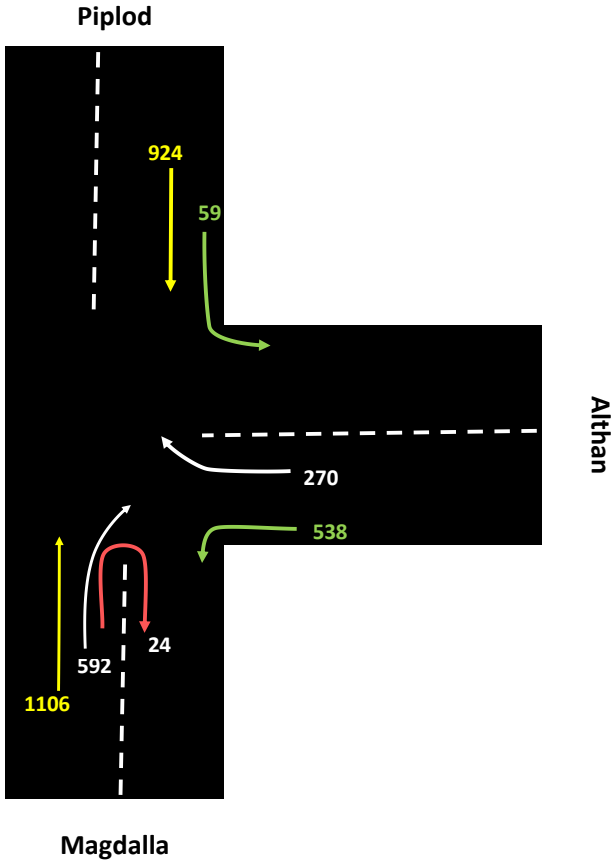
TMC 26 NH-53 & Althan-Sarsana Road Junction



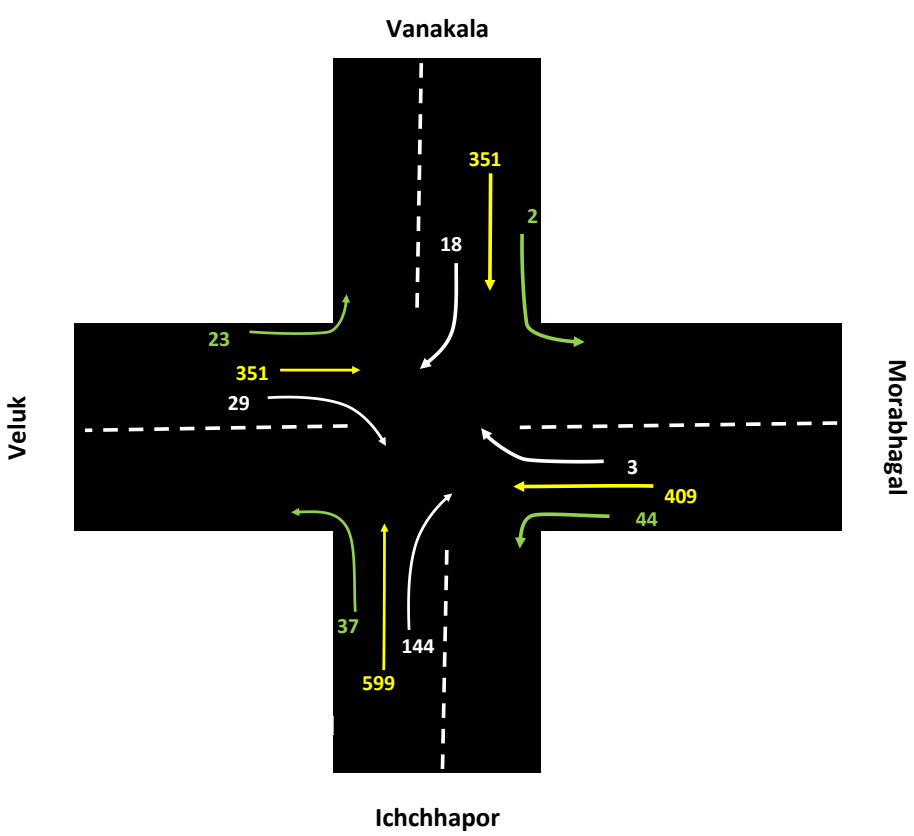
TMC 27 VIP Road & Vesu Main Road Junction, Vesu Chokdi



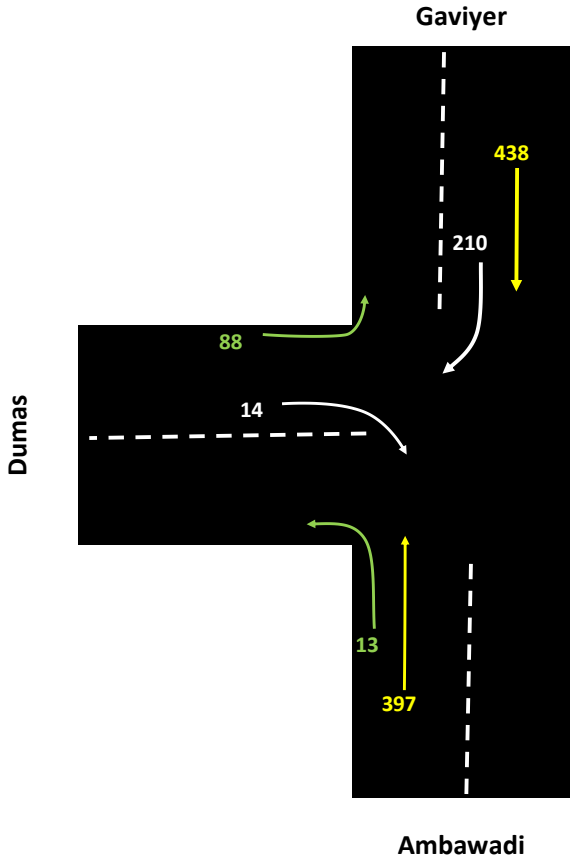
TMC 28 Surat-Dumas Road & Udhana-Magdalla Road Jn



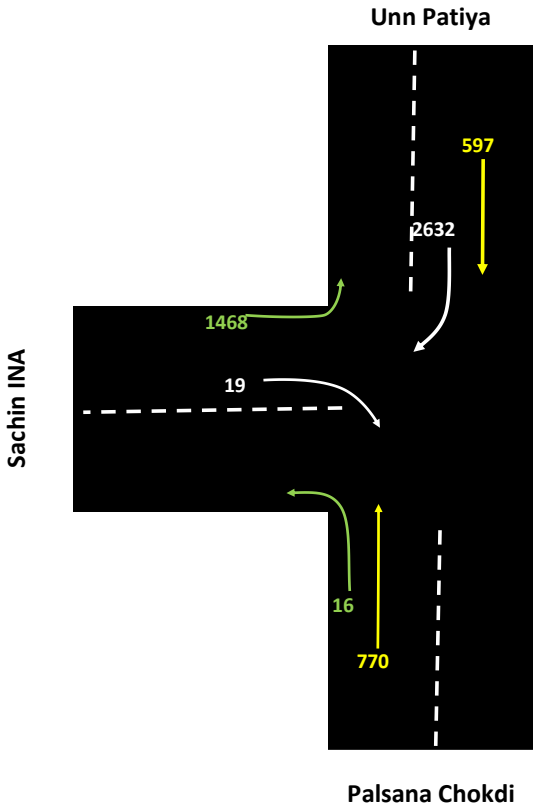
TMC 29 SH-168 & SH-169 Junction, Near Vanakala



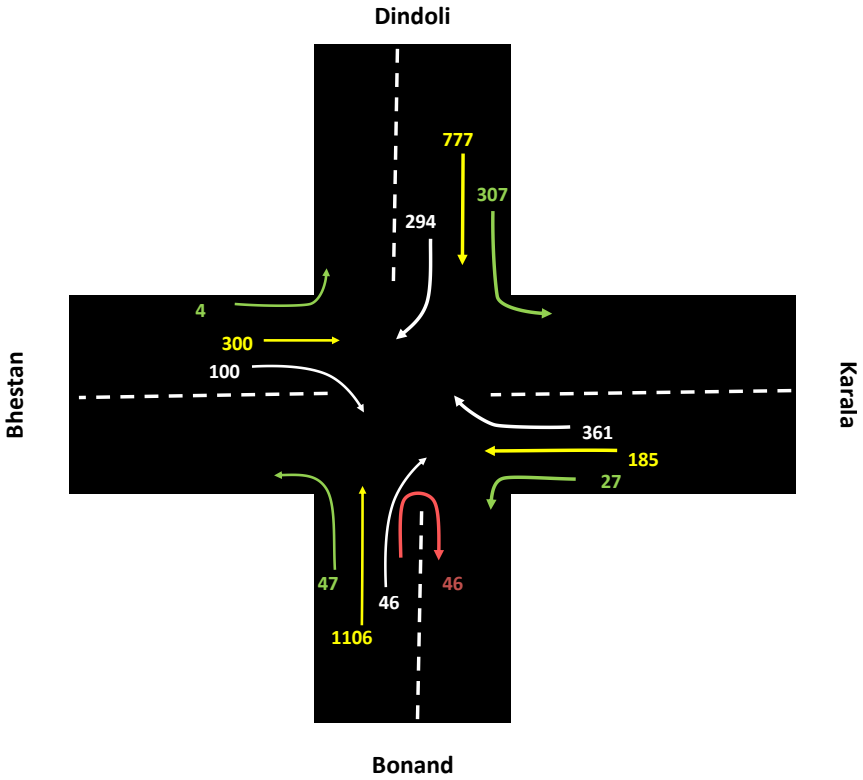
TMC 30 Surat-Dumas Road & Dumas Village Road Junction



TMC 31 SH-6 & Road Number 6 Junction, Near Sachin INA



TMC 32 SH-170 & Canal Road Junction, Aashutosh Circle



3.5 | DETAILS OF TRAFFIC ANALYSIS ZONES (TAZ)

TAZ	Name of the TAZ
1	Gokul Dham
2	Jamil
3	Snehmilan Garden
4	Utran Power Station
5	Utran
6	Palanpor
7	Narotam Nagar
8	Bhimrad
9	Svnit
10	Umara GAM
11	Aashirwad Industrial Society 1
12	Atop Nagar Bhatar Road
13	Rajiv Nagar
14	Surat Central Bus Terminal Mmth
15	Surat Textile Market
16	Trikamnagar
17	Bombay Market
18	Anjana Sewage Treatment Plant
19	Shree Nathji Society Godadara
20	Mangal Nagar
21	Bamroli
22	Bhatar
23	Bhakti Dham Brts
24	Amazia Amusement Park
25	Parvat Patiya
26	Magob Gam Brt
27	Parvat Patiya, Magob
28	C.E.T.P Pandesara
29	Vadod
30	Umya Dham
31	Baddow
32	Nanpura Fish Market
33	Unn
34	Hidayat Nagar
35	Pandesara GIDC
36	Bhedwad
37	Dindoli
38	Jiyav
39	Nanavat
40	Kidabet
41	C.K Pithawalla College
42	Reliance Nagar
43	Kosad Tenaments
44	Dabholi
45	Rivanta Garden City
46	Tadwadi Chhaprabhatha

TAZ	Name of the TAZ
238	Smc Ews Tmp
239	Dipli
240	Khajod South
241	Krishnadham Society
242	Lalbagh Statium
243	Vesu
244	Ongc Nagar Phase 2
245	Gaviyar Lake
246	Surat International Airport
247	Magdalla Port
248	Victoria Palm Society
249	Sultanabad
250	Dumas Town
251	Adajan Gam
252	Pal
253	Pal Gam
254	Bawaji Cricket Ground
255	Ongc Hazira Plant
256	Ichhapor
257	Bhesan
258	Anand Villa
259	Sardar Chokdi
260	Talangpur
261	Krisna Nagar
262	Nanpura
263	Majura - Khatodara
264	Majura - Khatodara
265	Anjana
266	Aanjada Nagar
267	Phushpa Nagar
268	Millienium Textile Market 2
269	Bhatena
270	Maharana Pratap Chowk
271	Bhavna Park Society 1
272	Kumbhariya
273	Reva Nagar
274	Morabhagal
275	Rang Avdhur Society
276	Aziz Mohammad Community Hall
277	Tadwadi
278	Palanpur Jakatnaka
279	Palanpur Patia
280	Adajan
281	Parsiwad
282	Kavi Kalapi Lake Garden
283	Makanji Park

TAZ	Name of the TAZ
47	Katargam Gotalawadi
48	Sonari
49	Karanj
50	Kapadra
51	Bhagvati Nager
52	Parvat
53	Khadsad
54	Sarthana
55	Singanpor
56	Gajanand Park Society
57	Ashwanikumar Navaga
58	Lakxmi Park Society
59	Laskana
60	Vasvari
61	Kathodara Cricket Ground
62	Gayatri Nagar
63	Dumbhal
64	Parvat Patiya
65	Sardar Veg Market
66	Dumbhal
67	Abhava
68	Ambawadi
69	Sachin
70	Athwa
71	Tower Of Silence Umarwada
72	Rundh
73	Rr Mall
74	Bethi Colony
75	Pisad
76	Vadifalia
77	Nanavarachha Water Works
78	Bhatha
79	Green City
80	Bhatpor
81	Anupam Rasayan
82	Budiya
83	Budiya
84	Budiya
85	Khajod
86	Gyanmundra School
87	Okha
88	Jaya Radhe Industrial Estate
89	Magdalla
90	Thakorii Ni Vadi
91	Harinagar-2
92	Bharthana-Vesu
93	Piplod
94	Bhagyalaxmi Society

TAZ	Name of the TAZ
284	Navyug College
285	Baghban Circle
286	Vanta
287	Sidhnath Mahadev Temple
288	Dumas
289	Ambhetha
290	Amboli
291	Jananidham
292	Antroli, Palsana
293	Ariyana
294	Haldharu Patia
295	Gujarat Eco Textile Park
296	Balkas
297	Barbodhan
298	Bhanodra
299	Bhatlai
300	Bherav
301	Bonad
302	Chalthan
303	Chhedchha
304	Chorasi
305	Dakhanwada
306	Jay Khodiyar Cricket Club
307	Dastan
308	Delad
309	Deladva
310	Derod
311	Devadh
312	Shalak Village
313	Dungra
314	Eklera
315	Erthan
316	Goja
317	Hajira
318	Isanpor
319	Jokha
320	Aradhana Lack Town 3
321	Jothan
322	Nahar
323	Swapna Villa
324	Kanad
325	Kapletha
326	Karadava
327	Karala
328	Karamla
329	Karan
330	Khambhasala
331	Kharbhasi

TAZ	Name of the TAZ
95	Dundi
96	Vrundavan Party Lawns
97	Althan
98	Sagrampura
99	Sonifalia
100	Salabatpura
101	Begampura
102	Umber
103	Chhapra Bhatha
104	Ved
105	Gam, Ugat
106	Jahangirabad
107	Bhimpor
108	Morabhagal
109	Ramnagar Ground
110	Amilpura
111	Haripura
112	Jahngirpura
113	Nova Residency
114	Kinara Masjid
115	Paramuk Park
116	Bhedwad
117	Chabutra Masjid
118	Mahidharpura
119	Rander
120	Asarma
121	Asarma
122	Chhota Bazar
123	Limbayat
124	Bhandariwad
125	Lalbag Garden
126	Vihel
127	Pardi Kande
128	Udhana Chord Cabin
129	Godadara
130	Nana Varchha
131	Nana Varchha
132	Valak
133	Athwa - Umara
134	Kakadiya Complex Lane
135	Ins Hospital
136	Gandhi College
137	Majura
138	Tunki
139	Hari Darshan Society
140	Sarsana
141	Gaviyar
142	Saiyadpura

TAZ	Name of the TAZ
332	Kharvasa
333	Vatsalya Dham
334	Kholvad
335	Koli Bharthana
336	Kosam
337	Kosmada
338	Kosmadi
339	Kunkani
340	Ladvi
341	Lajpor North
342	Limla
343	Lingad
344	Cyanide Colony
345	Malgama
346	Mankna
347	Mohini
348	Aditya Nagar
349	Morthana South
350	Nansad
351	Navagam
352	Niyol
353	Oviyan
354	Isroli
355	Rajgiri
356	Vaktana Lake
357	Sabargam
358	Samrod
359	Farm Sandhiyer
360	Saniya Kande
361	Sanki
362	Sarol
363	Saroli (Olpad)
364	Sedhav
365	Segva Chhama
366	Serdi
367	Simadi
368	Sithana
369	Sonsak
370	Suvali
371	Talad
372	Talodara
373	Tanti-Jhagda
374	Sarthee Garden
375	Taraj
376	Shree Rama Colony
377	Timbarva
378	Umbhel
379	Vadadala

TAZ	Name of the TAZ
143	Variyadi Bazzar
144	Surat Railway Station
145	Anand Nagar
146	Hirabaug BRTS
147	Fulpada
148	Simada
149	Lal Darwaja
150	Amroli
151	Bhada
152	Kanakpur
153	Khadsad
154	Gothan
155	Pali
156	Mandavi Ovaro
157	Vanakla
158	Kathor
159	Gulistan Nagar
160	Segva - Syadla
161	Pandesara GIDC
162	Abrama
163	Abrama
164	Pasodra
165	Gopipura
166	Gangaba Farm
167	Diwyalok Society
168	Umra
169	Hims Botwala Primary School
170	Causeway West View 2
171	Saniya Hemad
172	Chihi
173	Saroli
174	Kumbhariya East
175	G.I.D.C. Estate
176	Shahpore
177	Bhesan Cricket Ground
178	Heavy Water Township
179	Pusti Garden
180	Shyamdham Society
181	Puna
182	Varachha
183	Varachha
184	Kirthidam Socity
185	Kathodara
186	Udhna Railway Station
187	Citi Industrial Estate
188	Udhna
189	Udhna
190	Hari Om Industrial Socity

TAZ	Name of the TAZ
380	Vadod Suda
381	Valthan
382	Vankaneda
383	Vansva
384	Vanz
385	Vareli
386	Vav
387	Sakkar Shah Bava
388	Kavas
389	Paria
390	Maruti Eco Products
391	Sandhiyer
392	Kachholi
393	Ranganurag Farm
394	Popda
395	Bhatiya Toll Plaza
396	Vidhata Industries Part 1
397	Isroli North
398	Kholeshwar
399	Shivrampura
400	Bharundi
401	Bhutpor
402	Dhoran Pardi
403	Ghaludi
404	Kanav
405	Kareli
406	Karjan North
407	Khalipor
408	Thakorji Residency
409	Madhar
410	Paraizo The Club
411	Pardi
412	Parab
413	Sayan
414	Shekhpur
415	Sivaan
416	Tharoli
417	Valan
418	Mayur
419	Srpf Group 11 Campus
420	Kosmadi Cricket Ground
421	Morthana
422	Priyanka Green City Colony
423	Kadodara
424	Maganwadi
425	Kharvasa East
426	Ravla Vaktana
427	Bonad West

TAZ	Name of the TAZ
191	Nem Nagar
192	Bamroli (Part)
193	Millienium Park
194	Navagam Dindoli
195	Kansaad
196	Sursez
197	Ld High School
198	Unn Lake
199	Sangam Society
200	Bhestan Railway Station
201	Baos Pramukh Swami Hospital
202	Dhanmora
203	Nilkantheshwar Society
204	Katargam
205	Aksharvadi
206	Shyam Vadi
207	Singanpor Char Rasta
208	Mohandeep Society Ni Wadi
209	Sahyog Chowk
210	Shailesh Park Society
211	Motavaracha
212	Maruti Nandan Society
213	Nandi Vadi
214	Gopin Gam
215	Dadanivadi
216	Dadanivadi
217	Bharthana - Kosad
218	Maruti Dham Society
219	Jk Cricket Ground
220	Kosad
221	Vedant Industrial Park
222	Kantara
223	Variav
224	Kinex Waterpark
225	Matrix Global School
226	Velanja
227	Aadesh Ashram
228	Nutan Valley Farm
229	Nutan Valley Farm
230	Raghuvir Krupa
231	Umber South
232	Singotar Mata Temple
233	Gabheni
234	Navagam Cricket Ground
235	Navagam Cricket Ground
236	Sidharth Nagar
237	Bhestan

TAZ	Name of the TAZ
428	Sachin Apparel Park Sez
429	Bhatiya
430	Rainbow Water Park
431	Lajpor Central Jail
432	Lajpor
433	Pasodara Gam
434	Amboli Cricket Goundd
435	Manav Seva Charitable Trust
436	Dhoran
437	Torrent Power Sugen Township
438	Navi Pardi
439	Dhamal Masti Water Park
440	Karjan
441	Gayatri Nagar 3
442	Kamrej
443	Bhairav
444	Jolva
445	Bagumara
446	Tantithaiya
447	Bhagat Faliyu
448	Kiara Industrial Park
449	Baleshvar
450	Mora
451	Hazira
452	Damka
453	Water Fun Park
454	Tena
455	Dihen
456	Narthan
457	Maasma
458	Swaminarayan Baug
459	Floral Hospital
460	Kudsad
461	Antroli, Kamrej
462	Gokuldham Society
463	Vedchha
464	Ambaba Commerce College
465	Mamani Vadi
466	Mamadev Temple
467	Palsana
468	SH 6, Olpad Road
469	NH 48, Surat-Ahmedabad Road
470	SH 167, Kamrej- Sampura Road
471	Surat- Bardoli Road
472	NH 53, Surat- Kolkata Highway
473	NH 48, Surat-Mumbai Road
474	Sh 6, Surat- Navsari Road

3.6 | ORIGIN AND DESTINATION SURVEY

OD 1: SH-6 and SH-167 Junction, Near Asnabad

Sample Size			
Vehicle Type	**Passenger**	**Bus**	**Goods**
Near Asnabad	21%	61%	20%

Percentage Frequency of Trips Made by Passenger Vehicles

Frequency	Car/Jeep (Private)	Car/Jeep (Taxi)	Two wheeler	Auto Rickshaw	Shared Autos	Tata Magic	Cycle	Average
Daily Once	13.2%	14.5%	10.2%	12.0%	0.0%	0.0%	12.5%	8.9%
Daily Twice (Up & Down)	69.4%	67.3%	75.6%	78.3%	100.0%	100.0%	62.5%	79.0%
Multiple Trips a day	1.4%	0.0%	2.3%	3.9%	0.0%	0.0%	6.3%	2.0%
Alternate Day	0.8%	1.8%	0.6%	0.0%	0.0%	0.0%	0.0%	0.5%
Weekly	3.7%	3.6%	2.6%	2.2%	0.0%	0.0%	0.0%	1.7%
Monthly	7.1%	10.9%	5.6%	2.2%	0.0%	0.0%	0.0%	3.7%
Others	4.4%	1.8%	3.1%	1.4%	0.0%	0.0%	18.8%	4.2%
Grand Total	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

Percentage Frequency of Trips Made by Commercial Vehicles

Frequency	Goods Auto	Tata Ace	LCV	2 Axle Truck	3 Axle Truck	Multi Axle Truck	Tractor with Trailer	Average
Daily Once	42.3%	33.0%	29.3%	37.1%	56.3%	35.3%	30.8%	37.7%
Daily Twice (Up & Down)	26.8%	31.6%	40.7%	14.3%	18.8%	26.5%	38.5%	28.1%
Multiple Trips a day	1.4%	2.9%	2.1%	5.7%	0.0%	0.0%	7.7%	2.8%
Alternate Day	1.4%	2.4%	2.1%	0.0%	0.0%	0.0%	0.0%	0.9%
Weekly	15.5%	17.0%	14.3%	31.4%	18.8%	20.6%	0.0%	16.8%
Monthly	8.5%	10.7%	9.3%	8.6%	6.3%	14.7%	0.0%	8.3%
Others	4.2%	2.4%	2.1%	2.9%	0.0%	2.9%	23.1%	5.4%
Grand Total	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

Percentage Trips According to Purpose Made by Passenger Vehicles

Purpose	Car/Jeep (Private)	Car/Jeep (Taxi)	Two wheeler	Auto Rickshaw	Shared Autos	Tata Magic	Cycle	Average
Work	55.4%	56.4%	59.2%	63.2%	100.0%	100.0%	62.5%	71.0%
Business	17.6%	14.5%	13.9%	20.6%	0.0%	0.0%	6.3%	10.4%
Education	5.0%	7.3%	5.3%	5.8%	0.0%	0.0%	0.0%	3.4%
Shopping	3.7%	0.0%	4.1%	0.8%	0.0%	0.0%	0.0%	1.2%
Social/Religious/Recreation	6.8%	5.5%	5.3%	3.1%	0.0%	0.0%	6.3%	3.8%
Health/Hospital	3.2%	5.5%	2.6%	2.5%	0.0%	0.0%	0.0%	2.0%
Tourism	3.6%	5.5%	3.2%	1.4%	0.0%	0.0%	6.3%	2.8%
Other Purpose	4.8%	5.5%	6.3%	2.5%	0.0%	0.0%	18.8%	5.4%
Grand Total	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

Percentage of Zonal Classification Trips Made by Passenger Vehicles

Vehicle Type	I I	I E	E I	E E	Total
Car/Jeep (Private)	0.0%	60.8%	28.6%	10.6%	**100%**
Car/Jeep (Taxi)	0.0%	64.1%	24.5%	11.4%	**100%**
Two wheeler	0.0%	53.6%	33.4%	13.0%	**100%**
Auto Rickshaw	0.0%	52.2%	39.4%	8.5%	**100%**
Shared Autos	0.0%	100.0%	0.0%	0.0%	**100%**
Tata Magic	0.0%	0.0%	0.0%	100.0%	**100%**
Cycle	0.0%	56.4%	22.1%	21.5%	**100%**
City Bus					**0%**
State Bus	0.0%	44.9%	55.1%	0.0%	**100%**
Private Bus	0.0%	63.1%	33.2%	3.7%	**100%**
Institutional Bus	0.0%	50.7%	44.8%	4.5%	**100%**
Company Bus	0.0%	0.0%	100.0%	0.0%	**100%**
Mini Bus	0.0%	61.1%	38.9%	0.0%	**100%**
BRTS					**0%**
Average	**0.0%**	**50.6%**	**35.0%**	**14.4%**	**100%**

3.6 | ORIGIN AND DESTINATION SURVEY

Percentage of Zonal Classification Trips Made by Commercial Vehicles					
Vehicle Type	**I I**	**I E**	**E I**	**E E**	**Total**
Goods Auto	0.0%	44.1%	35.8%	20.1%	**100%**
Tata Ace	0.0%	38.1%	47.8%	14.1%	**100%**
LCV	0.0%	46.3%	32.1%	21.6%	**100%**
2-Axle Truck	0.0%	48.6%	35.6%	15.8%	**100%**
3-Axle Truck	0.0%	49.4%	23.4%	27.2%	**100%**
Multi Axle Truck	0.0%	34.4%	37.5%	28.1%	**100%**
Tractor with Trailer	0.0%	51.8%	33.0%	15.2%	**100%**
Average	**0.0%**	**44.7%**	**35.0%**	**20.3%**	**100%**

Commodity Analysis								
Commodity Type	**Goods Auto**	**Tata Ace**	**LCV**	**2 Axle Truck**	**3 Axle Truck**	**Multi Axle**	**Tractor**	**Total**
Empty	22.5%	17.5%	15.7%	8.6%	12.5%	17.6%	15.4%	16.9%
Vegetables/ Fruits/ Milk	25.4%	17.5%	10.0%	17.1%	25.0%	14.7%	15.4%	16.5%
Fish/Chicken/Meat	0.0%	5.3%	2.1%	2.9%	0.0%	2.9%	0.0%	3.1%
Food Grains (Rice/ Wheat/ etc)	2.8%	2.9%	7.1%	0.0%	6.3%	2.9%	0.0%	3.9%
Sand/Aggregate/Steel/Brick	0.0%	0.5%	2.9%	5.7%	6.3%	0.0%	23.1%	2.1%
Finished Consumer Goods	5.6%	10.2%	7.9%	2.9%	0.0%	0.0%	0.0%	7.2%
Jute Bags/Ropes	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.2%
Coconut/Flowers	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.2%
Rice Husk/Dust	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Leather	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Cotton/Silk/Clothes	2.8%	5.8%	7.9%	5.7%	0.0%	2.9%	0.0%	5.4%
Rubber/Plywood/Timber/bamboo st	2.8%	1.9%	1.4%	0.0%	0.0%	2.9%	7.7%	1.9%
Paint/dyes	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Drums/Tubes/Cables/Wire/Fibre	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
Marbles/ Tiles/Lime Stone	1.4%	1.5%	2.9%	0.0%	6.3%	0.0%	0.0%	1.7%
Iron coils/ Steel bars/ Iron pipes	14.1%	6.8%	6.4%	14.3%	12.5%	26.5%	0.0%	9.5%
Petrol/ Diesel/ Gas/ LPG / Sulphur	4.2%	2.4%	7.9%	11.4%	6.3%	0.0%	0.0%	4.7%
Machines/Mechanical Parts	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Container	1.4%	0.5%	0.7%	0.0%	0.0%	5.9%	0.0%	1.0%
Pipe/Plastic	4.2%	2.9%	5.7%	11.4%	6.3%	0.0%	0.0%	4.3%
Chemicals/Medicines/Fertilisers	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
Cement	2.8%	2.4%	2.9%	5.7%	0.0%	2.9%	23.1%	3.3%
Salt	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
Coal	1.4%	0.5%	2.1%	5.7%	6.3%	2.9%	0.0%	1.7%
Ice	0.0%	4.4%	4.3%	0.0%	0.0%	2.9%	0.0%	3.1%
Paper	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%
Courier, Parcel	2.8%	1.9%	0.7%	2.9%	0.0%	0.0%	0.0%	1.6%
Auto Mobiles Products (Bikes, Cars	0.0%	1.0%	0.7%	0.0%	0.0%	2.9%	0.0%	0.8%
Industrial Goods	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
Electricals/Electronics	0.0%	0.0%	0.0%	2.9%	0.0%	2.9%	0.0%	0.4%
Powder	0.0%	2.9%	0.7%	0.0%	0.0%	0.0%	0.0%	1.4%
Cattle	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Tyres	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
Jewellery/Diamonds	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Partune/Tobacco/Wine	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Others (Scrap, Glass, Grass etc)	5.6%	7.8%	8.6%	2.9%	12.5%	8.8%	15.4%	7.8%
Grand Total	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

3.6 | ORIGIN AND DESTINATION SURVEY

OD 2:NH-48, Golden Quadrilateral Road, Near Pipodara

Sample Size			
Vehicle Type	**Passenger**	**Bus**	**Goods**
Near Pipodara	37%	10%	22%

Percentage Frequency of Trips Made by Passenger Vehicles

Frequency	Car/Jeep (Private)	Car/Jeep (Taxi)	Two wheeler	Auto Rickshaw	Shared Autos	Tata Magic	Cycle	Average
Daily Once	4.7%	14.0%	8.4%	21.2%	0.0%	0.0%		8.0%
Daily Twice (Up & Down)	58.2%	66.3%	66.4%	43.7%	14.3%	0.0%		41.5%
Multiple Trips a day	0.8%	2.3%	3.7%	10.4%	0.0%	0.0%		2.9%
Alternate Day	2.5%	0.0%	4.5%	2.2%	0.0%	0.0%		1.5%
Weekly	4.3%	0.0%	3.5%	10.4%	28.6%	0.0%		7.8%
Monthly	10.4%	7.0%	6.7%	4.3%	14.3%	0.0%		7.1%
Others	19.0%	10.5%	6.9%	7.8%	42.9%	100.0%		31.2%
Grand Total	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**		**100%**

Percentage Frequency of Trips Made by Commercial Vehicles

Frequency	Goods Auto	Tata Ace	LCV	2 Axle Truck	3 Axle Truck	Multi Axle Truck	Tractor with Trailer	Average
Daily Once	9.3%	5.1%	13.2%	13.6%	9.4%	6.6%	18.8%	10.8%
Daily Twice (Up & Down)	32.6%	35.9%	12.6%	2.4%	2.6%	1.8%	25.0%	16.1%
Multiple Trips a day	2.3%	17.9%	17.9%	5.4%	4.6%	7.2%	6.3%	8.8%
Alternate Day	9.3%	2.6%	11.8%	9.0%	8.0%	8.6%	12.5%	8.8%
Weekly	30.2%	28.2%	32.2%	49.6%	45.2%	40.2%	25.0%	35.8%
Monthly	14.0%	10.3%	11.5%	19.2%	28.5%	34.1%	12.5%	18.6%
Others	2.3%	0.0%	0.8%	0.8%	1.7%	1.6%	0.0%	1.0%
Grand Total	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

Percentage Trips According to Purpose Made by Passenger Vehicles

Purpose	Car/Jeep (Private)	Car/Jeep (Taxi)	Two wheeler	Auto Rickshaw	Shared Autos	Tata Magic	Cycle	Average
Work	48.5%	64.0%	55.2%	37.7%	7.1%	0.0%		35.4%
Business	12.1%	16.3%	16.5%	47.2%	14.3%	0.0%		17.7%
Education	2.1%	2.3%	4.9%	1.3%	7.1%	0.0%		3.0%
Shopping	3.3%	1.2%	4.5%	3.0%	0.0%	0.0%		2.0%
Social/Religious/Recreation	9.9%	7.0%	7.5%	2.6%	28.6%	0.0%		9.3%
Health/Hospital	7.1%	2.3%	3.1%	2.6%	0.0%	100.0%		19.2%
Tourism	8.0%	5.8%	3.3%	4.8%	21.4%	0.0%		7.2%
Other Purpose	9.0%	1.2%	5.1%	0.9%	21.4%	0.0%		6.3%
Grand Total	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**		**100%**

Percentage of Zonal Classification Trips Made by Passenger Vehicles

Vehicle Type	I I	I E	E I	E E	Total
Car/Jeep (Private)	0.0%	32.9%	28.7%	38.4%	**100%**
Car/Jeep (Taxi)	0.0%	37.1%	35.6%	27.4%	**100%**
Two wheeler	0.0%	36.4%	38.9%	24.6%	**100%**
Auto Rickshaw	0.0%	37.6%	45.1%	17.3%	**100%**
Shared Autos	0.0%	0.0%	35.7%	64.3%	**100%**
Tata Magic	0.0%	0.0%	0.0%	100.0%	**100%**
Cycle					**0%**
City Bus	0.0%	0.0%			**0%**
State Bus	0.0%	26.6%	55.1%	18.2%	**100%**
Private Bus	0.0%	37.5%	34.6%	27.9%	**100%**
Institutional Bus	0.0%	45.0%	40.0%	15.0%	**100%**
Company Bus	0.0%	2.3%	97.7%	0.0%	**100%**
Mini Bus	0.0%	18.4%	26.4%	55.2%	**100%**
BRTS	0.0%	0.0%			**0%**
Average	**0.0%**	**21.1%**	**39.8%**	**35.3%**	**96%**

3.6 | ORIGIN AND DESTINATION SURVEY

Percentage of Zonal Classification Trips Made by Commercial Vehicles					
Vehicle Type	**I I**	**I E**	**E I**	**E E**	**Total**
Goods Auto	0.0%	27.7%	50.3%	21.9%	**100%**
Tata Ace	0.0%	31.6%	41.5%	26.9%	**100%**
LCV	0.0%	23.4%	24.2%	52.4%	**100%**
2-Axle Truck	0.0%	29.2%	6.8%	64.0%	**100%**
3-Axle Truck	0.0%	24.5%	14.6%	60.9%	**100%**
Multi Axle Truck	0.0%	20.5%	17.8%	61.7%	**100%**
Tractor with Trailer	0.0%	21.3%	62.8%	15.9%	**100%**
Average	**0.0%**	**25.5%**	**31.2%**	**43.4%**	**100%**

Commodity Analysis								
Commodity Type	**Goods Auto**	**Tata Ace**	**LCV**	**2 Axle Truck**	**3 Axle Truck**	**Multi Axle**	**Tractor**	**Total**
Empty	41.9%	33.3%	37.3%	25.6%	19.3%	19.0%	31.3%	23.8%
Vegetables/ Fruits/ Milk	2.3%	0.0%	3.6%	3.8%	2.9%	2.7%	0.0%	3.0%
Fish/Chicken/Meat	4.7%	2.6%	2.0%	3.4%	2.4%	1.3%	0.0%	2.2%
Food Grains (Rice/ Wheat/ etc)	2.3%	10.3%	2.5%	3.4%	3.9%	2.8%	0.0%	3.2%
Sand/Aggregate/Steel/Brick	7.0%	2.6%	0.8%	0.8%	0.9%	2.8%	18.8%	1.8%
Finished Consumer Goods	4.7%	2.6%	6.7%	5.8%	6.1%	6.6%	0.0%	6.2%
Jute Bags/Ropes	0.0%	0.0%	0.6%	0.8%	0.3%	0.1%	0.0%	0.4%
Coconut/Flowers	2.3%	0.0%	0.0%	0.2%	0.0%	0.3%	0.0%	0.2%
Rice Husk/Dust	0.0%	0.0%	0.0%	0.0%	0.2%	0.4%	0.0%	0.2%
Leather	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%
Cotton/Silk/Clothes	4.7%	2.6%	2.8%	1.8%	1.9%	2.6%	0.0%	2.3%
Rubber/Plywood/Timber/bamboo st	4.7%	0.0%	2.5%	2.6%	3.2%	2.7%	18.8%	2.9%
Paint/dyes	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Drums/Tubes/Cables/Wire/Fibre	0.0%	2.6%	1.1%	1.8%	1.2%	0.9%	0.0%	1.2%
Marbles/ Tiles/Lime Stone	0.0%	2.6%	0.8%	0.8%	3.1%	2.8%	0.0%	2.1%
Iron coils/ Steel bars/ Iron pipes	4.7%	12.8%	8.1%	9.8%	14.0%	13.8%	6.3%	12.0%
Petrol/ Diesel/ Gas/ LPG / Sulphur	2.3%	5.1%	1.1%	1.0%	2.9%	3.4%	0.0%	2.5%
Machines/Mechanical Parts	0.0%	0.0%	2.8%	2.0%	2.0%	4.7%	0.0%	3.0%
Container	2.3%	0.0%	0.6%	1.0%	0.7%	0.3%	0.0%	0.6%
Pipe/Plastic	7.0%	5.1%	3.1%	2.8%	5.3%	3.8%	0.0%	3.9%
Chemicals/Medicines/Fertilisers	0.0%	0.0%	5.0%	8.0%	5.3%	5.3%	0.0%	5.6%
Cement	2.3%	0.0%	0.3%	0.6%	2.4%	0.9%	0.0%	1.1%
Salt	0.0%	0.0%	0.0%	0.2%	0.3%	0.1%	0.0%	0.2%
Coal	0.0%	0.0%	0.3%	0.2%	0.9%	2.8%	0.0%	1.3%
Ice	0.0%	0.0%	0.3%	0.0%	0.2%	0.0%	0.0%	0.1%
Paper	2.3%	0.0%	0.0%	0.0%	0.3%	0.7%	0.0%	0.4%
Courier, Parcel	2.3%	15.4%	11.5%	15.6%	15.9%	12.0%	12.5%	13.5%
Auto Mobiles Products (Bikes, Cars	0.0%	2.6%	1.7%	1.0%	0.7%	3.1%	6.3%	1.8%
Industrial Goods	0.0%	0.0%	0.6%	0.2%	0.0%	0.8%	0.0%	0.4%
Electricals/Electronics	0.0%	0.0%	0.0%	0.8%	0.3%	0.2%	0.0%	0.3%
Powder	0.0%	0.0%	2.2%	3.0%	2.2%	1.7%	0.0%	2.1%
Cattle	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Tyres	0.0%	0.0%	0.0%	0.4%	0.0%	0.1%	0.0%	0.1%
Jewellery/Diamonds	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Partune/Tobacco/Wine	0.0%	0.0%	0.3%	0.4%	0.3%	0.2%	0.0%	0.3%
Others (Scrap, Glass, Grass etc)	2.3%	0.0%	1.1%	2.2%	0.9%	1.1%	6.3%	1.3%
Grand Total	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

3.6 | ORIGIN AND DESTINATION SURVEY

OD 3: SH-167, Near Netrang

Sample Size			
Vehicle Type	**Passenger**	**Bus**	**Goods**
Near Netrang	41%	52%	62%

Percentage Frequency of Trips Made by Passenger Vehicles

Frequency	Car/Jeep (Private)	Car/Jeep (Taxi)	Two wheeler	Auto Rickshaw	Shared Autos	Tata Magic	Cycle	Average
Daily Once	7.2%	14.1%	8.2%	3.2%			0.0%	6.5%
Daily Twice (Up & Down)	55.1%	48.2%	62.0%	50.8%			100.0%	63.2%
Multiple Trips a day	0.8%	2.4%	0.6%	2.1%			0.0%	1.2%
Alternate Day	3.4%	2.4%	2.9%	4.2%			0.0%	2.6%
Weekly	7.4%	4.7%	6.4%	8.5%			0.0%	5.4%
Monthly	8.2%	5.9%	5.8%	7.4%			0.0%	5.5%
Others	18.0%	22.4%	14.0%	23.8%			0.0%	15.6%
Grand Total	**100%**	**100%**	**100%**	**100%**			**100%**	**100%**

Percentage Frequency of Trips Made by Commercial Vehicles

Frequency	Goods Auto	Tata Ace	LCV	2 Axle Truck	3 Axle Truck	Multi Axle Truck	Tractor with Trailer	Average
Daily Once	37.5%	26.3%	24.8%	30.0%	23.1%	27.8%	0.0%	24.2%
Daily Twice (Up & Down)	40.6%	42.4%	42.1%	38.0%	53.8%	58.3%	100.0%	53.6%
Multiple Trips a day	6.3%	18.2%	14.9%	10.0%	7.7%	5.6%	0.0%	8.9%
Alternate Day	0.0%	1.0%	0.0%	2.0%	0.0%	0.0%	0.0%	0.4%
Weekly	3.1%	3.0%	9.1%	12.0%	7.7%	2.8%	0.0%	5.4%
Monthly	12.5%	9.1%	9.1%	8.0%	7.7%	5.6%	0.0%	7.4%
Others	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Grand Total	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

Percentage Trips According to Purpose Made by Passenger Vehicles

Purpose	Car/Jeep (Private)	Car/Jeep (Taxi)	Two wheeler	Auto Rickshaw	Shared Autos	Tata Magic	Cycle	Average
Work	47.2%	36.5%	53.6%	40.2%			100.0%	55.5%
Business	13.2%	20.0%	10.9%	11.6%			0.0%	11.2%
Education	3.6%	8.2%	6.2%	2.6%			0.0%	4.1%
Shopping	5.3%	4.7%	3.2%	6.9%			0.0%	4.0%
Social/Religious/Recreation	11.1%	4.7%	10.0%	10.6%			0.0%	7.3%
Health/Hospital	4.1%	4.7%	2.3%	2.1%			0.0%	2.6%
Tourism	11.0%	12.9%	9.0%	19.0%			0.0%	10.4%
Other Purpose	4.4%	8.2%	4.8%	6.9%			0.0%	4.9%
Grand Total	**100%**	**100%**	**100%**	**100%**			**100%**	**100%**

Percentage of Zonal Classification Trips Made by Passenger Vehicles

Vehicle Type	I I	I E	E I	E E	Total
Car/Jeep (Private)	0.0%	50.8%	42.8%	6.5%	**100%**
Car/Jeep (Taxi)	0.0%	82.1%	8.5%	9.4%	**100%**
Two wheeler	0.0%	40.4%	53.4%	6.3%	**100%**
Auto Rickshaw	0.0%	46.3%	49.6%	4.2%	**100%**
Shared Autos	0.0%	0.0%			**0%**
Tata Magic	0.0%	0.0%			**0%**
Cycle	0.0%	16.7%	83.3%	0.0%	**100%**
City Bus					**0%**
State Bus	0.0%	61.5%	38.5%	0.0%	**100%**
Private Bus	0.0%	45.5%	54.5%	0.0%	**100%**
Institutional Bus	0.0%	68.4%	31.6%	0.0%	**100%**
Company Bus	0.0%	0.0%	100.0%	0.0%	**100%**
Mini Bus	0.0%	66.7%	33.3%	0.0%	**100%**
BRTS					**0%**
Average	**0.0%**	**39.9%**	**49.5%**	**2.6%**	**92.0%**

3.6 | ORIGIN AND DESTINATION SURVEY

Percentage of Zonal Classification Trips Made by Commercial Vehicles					
Vehicle Type	**I I**	**I E**	**E I**	**E E**	**Total**
Goods Auto	0.0%	47.9%	43.9%	8.2%	**100%**
Tata Ace	0.0%	20.6%	73.4%	6.0%	**100%**
LCV	0.0%	18.2%	73.8%	8.0%	**100%**
2-Axle Truck	0.0%	69.6%	25.4%	5.1%	**100%**
3-Axle Truck	0.0%	81.3%	18.8%	0.0%	**100%**
Multi Axle Truck	0.0%	53.5%	46.5%	0.0%	**100%**
Tractor with Trailer	0.0%	55.6%	44.4%	0.0%	**100%**
Average	**0.0%**	**49.5%**	**46.6%**	**3.9%**	**100%**

Commodity Analysis								
Commodity Type	**Goods Auto**	**Tata Ace**	**LCV**	**2 Axle Truck**	**3 Axle Truck**	**Multi Axle**	**Tractor**	**Total**
Empty	56.3%	36.4%	44.6%	52.0%	30.8%	27.8%	50.0%	42.3%
Vegetables/ Fruits/ Milk	9.4%	9.1%	7.4%	16.0%	23.1%	11.1%	25.0%	10.4%
Fish/Chicken/Meat	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Food Grains (Rice/ Wheat/ etc)	12.5%	5.1%	3.3%	4.0%	0.0%	13.9%	0.0%	5.6%
Sand/Aggregate/Steel/Brick	0.0%	2.0%	3.3%	4.0%	15.4%	19.4%	25.0%	5.1%
Finished Consumer Goods	6.3%	10.1%	9.9%	0.0%	0.0%	2.8%	0.0%	7.0%
Jute Bags/Ropes	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Coconut/Flowers	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Rice Husk/Dust	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Leather	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Cotton/Silk/Clothes	3.1%	3.0%	3.3%	6.0%	0.0%	5.6%	0.0%	3.7%
Rubber/Plywood/Timber/bamboo sti	0.0%	6.1%	1.7%	2.0%	0.0%	0.0%	0.0%	2.5%
Paint/dyes	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Drums/Tubes/Cables/Wire/Fibre	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Marbles/ Tiles/Lime Stone	0.0%	1.0%	1.7%	0.0%	15.4%	5.6%	0.0%	2.0%
Iron coils/ Steel bars/ Iron pipes	3.1%	4.0%	2.5%	4.0%	0.0%	0.0%	0.0%	2.8%
Petrol/ Diesel/ Gas/ LPG / Sulphur	0.0%	1.0%	3.3%	0.0%	0.0%	2.8%	0.0%	1.7%
Machines/Mechanical Parts	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Container	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%
Pipe/Plastic	0.0%	2.0%	4.1%	4.0%	0.0%	0.0%	0.0%	2.5%
Chemicals/Medicines/Fertilisers	0.0%	1.0%	1.7%	0.0%	0.0%	0.0%	0.0%	0.8%
Cement	0.0%	6.1%	5.0%	4.0%	7.7%	2.8%	0.0%	4.5%
Salt	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Coal	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Ice	0.0%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%
Paper	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Courier, Parcel	9.4%	5.1%	3.3%	0.0%	7.7%	2.8%	0.0%	3.9%
Auto Mobiles Products (Bikes, Cars	0.0%	0.0%	0.0%	0.0%	0.0%	5.6%	0.0%	0.6%
Industrial Goods	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Electricals/Electronics	0.0%	1.0%	0.8%	0.0%	0.0%	0.0%	0.0%	0.6%
Powder	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Cattle	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Tyres	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Jewellery/Diamonds	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Partune/Tobacco/Wine	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Others (Scrap, Glass, Grass etc)	0.0%	4.0%	4.1%	4.0%	0.0%	0.0%	0.0%	3.1%
Grand Total	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

3.6 | ORIGIN AND DESTINATION SURVEY

OD 4: Surat-Bardoli Road, Near Dastan Fatak Bridge

Sample Size			
Vehicle Type	**Passenger**	**Bus**	**Goods**
Near Dastan Fatak Bridge	34%	31%	33%

Percentage Frequency of Trips Made by Passenger Vehicles

Frequency	Car/Jeep (Private)	Car/Jeep (Taxi)	Two wheeler	Auto Rickshaw	Shared Autos	Tata Magic	Cycle	Average
Daily Once	7.0%	0.0%	8.1%	4.8%	8.3%	8.8%	16.7%	7.7%
Daily Twice (Up & Down)	78.9%	82.8%	78.6%	75.8%	83.3%	75.0%	33.3%	72.5%
Multiple Trips a day	4.6%	0.0%	5.2%	4.4%	0.0%	5.0%	16.7%	5.1%
Alternate Day	0.4%	0.0%	0.3%	0.0%	0.0%	1.3%	0.0%	0.3%
Weekly	1.5%	0.0%	0.8%	1.2%	0.0%	2.5%	16.7%	3.2%
Monthly	3.1%	6.9%	2.7%	7.1%	8.3%	1.3%	16.7%	6.6%
Others	4.5%	10.3%	4.2%	6.7%	0.0%	6.3%	0.0%	4.6%
Grand Total	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

Percentage Frequency of Trips Made by Commercial Vehicles

Frequency	Goods Auto	Tata Ace	LCV	2 Axle Truck	3 Axle Truck	Multi Axle Truck	Tractor with Trailer	Average
Daily Once	7.5%	10.6%	7.1%	13.2%	1.8%	4.8%	0.0%	6.4%
Daily Twice (Up & Down)	43.9%	42.4%	46.2%	34.9%	35.5%	27.1%	33.3%	37.6%
Multiple Trips a day	2.8%	2.1%	1.4%	1.3%	0.9%	1.1%	0.0%	1.4%
Alternate Day	0.0%	1.3%	1.4%	1.3%	0.0%	0.0%	0.0%	0.6%
Weekly	25.2%	19.9%	20.3%	28.3%	34.5%	30.0%	22.2%	25.8%
Monthly	13.1%	6.4%	10.8%	11.8%	14.5%	15.0%	22.2%	13.4%
Others	7.5%	17.4%	12.7%	9.2%	12.7%	22.0%	22.2%	14.8%
Grand Total	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

Percentage Trips According to Purpose Made by Passenger Vehicles

Purpose	Car/Jeep (Private)	Car/Jeep (Taxi)	Two wheeler	Auto Rickshaw	Shared Autos	Tata Magic	Cycle	Average
Work	64.7%	72.4%	65.3%	58.7%	66.7%	61.3%	33.3%	60.3%
Business	19.1%	3.4%	20.6%	21.8%	25.0%	23.8%	50.0%	23.4%
Education	6.4%	6.9%	6.3%	6.7%	0.0%	6.3%	0.0%	4.7%
Shopping	3.2%	3.4%	1.9%	3.6%	0.0%	1.3%	16.7%	4.3%
Social/Religious/Recreation	2.2%	3.4%	2.0%	2.8%	0.0%	1.3%	0.0%	1.7%
Health/Hospital	2.0%	0.0%	1.8%	4.4%	0.0%	5.0%	0.0%	1.9%
Tourism	1.1%	10.3%	1.2%	0.8%	0.0%	0.0%	0.0%	1.9%
Other Purpose	1.3%	0.0%	0.8%	1.2%	8.3%	1.3%	0.0%	1.8%
Grand Total	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

Percentage of Zonal Classification Trips Made by Passenger Vehicles

Vehicle Type	I I	I E	E I	E E	Total
Car/Jeep (Private)	0.0%	37.0%	46.7%	16.3%	**100%**
Car/Jeep (Taxi)	0.0%	25.8%	53.6%	20.6%	**100%**
Two wheeler	0.0%	35.2%	40.3%	24.6%	**100%**
Auto Rickshaw	0.0%	38.0%	36.2%	25.9%	**100%**
Shared Autos	0.0%	0.0%	83.3%	16.7%	**100%**
Tata Magic	0.0%	39.8%	43.1%	17.1%	**100%**
Cycle	0.0%	0.0%	16.0%	84.0%	**100%**
City Bus					**0%**
State Bus	0.0%	35.7%	42.7%	21.6%	**100%**
Private Bus	0.0%	49.9%	35.6%	14.5%	**100%**
Institutional Bus	0.0%	44.4%	27.2%	28.4%	**100%**
Company Bus	0.0%	75.0%	0.0%	25.0%	**100%**
Mini Bus	0.0%	36.0%	48.0%	16.0%	**100%**
BRTS					**0%**
Average	**0.0%**	**34.7%**	**39.4%**	**25.9%**	**100.0%**

3.6 | ORIGIN AND DESTINATION SURVEY

Percentage of Zonal Classification Trips Made by Commercial Vehicles					
Vehicle Type	**I I**	**I E**	**E I**	**E E**	**Total**
Goods Auto	0.0%	35.6%	44.2%	20.2%	**100%**
Tata Ace	0.0%	39.2%	38.7%	22.1%	**100%**
LCV	0.0%	45.4%	31.1%	23.5%	**100%**
2-Axle Truck	0.0%	54.5%	20.9%	24.6%	**100%**
3-Axle Truck	0.0%	65.0%	6.5%	28.5%	**100%**
Multi Axle Truck	0.0%	39.2%	31.0%	29.8%	**100%**
Tractor with Trailer	0.0%	21.4%	49.0%	29.6%	**100%**
Average	**0.0%**	**42.9%**	**31.6%**	**25.5%**	**100%**

Commodity Analysis								
Commodity Type	**Goods Auto**	**Tata Ace**	**LCV**	**2 Axle Truck**	**3 Axle Truck**	**Multi Axle**	**Tractor**	**Total**
Empty	37.4%	43.2%	36.3%	44.1%	30.0%	40.7%	22.2%	39.3%
Vegetables/ Fruits/ Milk	19.6%	18.6%	25.0%	7.2%	13.6%	17.2%	0.0%	17.4%
Fish/Chicken/Meat	0.0%	1.3%	0.5%	0.7%	0.0%	0.0%	0.0%	0.5%
Food Grains (Rice/ Wheat/ etc)	0.9%	2.1%	2.4%	3.3%	1.8%	4.0%	0.0%	2.6%
Sand/Aggregate/Steel/Brick	1.9%	1.7%	0.9%	0.0%	3.6%	2.6%	66.7%	2.3%
Finished Consumer Goods	15.0%	4.2%	7.1%	5.3%	5.5%	2.6%	0.0%	5.6%
Jute Bags/Ropes	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Coconut/Flowers	0.0%	0.4%	0.0%	0.0%	0.9%	0.0%	0.0%	0.2%
Rice Husk/Dust	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Leather	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Cotton/Silk/Clothes	9.3%	1.3%	2.4%	0.0%	0.9%	2.6%	0.0%	2.4%
Rubber/Plywood/Timber/bamboo sti	0.0%	0.0%	0.5%	2.0%	5.5%	1.1%	0.0%	1.2%
Paint/dyes	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Drums/Tubes/Cables/Wire/Fibre	0.0%	0.0%	0.0%	0.0%	0.9%	0.4%	0.0%	0.2%
Marbles/ Tiles/Lime Stone	0.0%	0.8%	1.9%	7.9%	7.3%	2.9%	0.0%	3.1%
Iron coils/ Steel bars/ Iron pipes	0.0%	4.2%	5.2%	2.0%	2.7%	4.4%	0.0%	3.5%
Petrol/ Diesel/ Gas/ LPG / Sulphur	0.0%	5.5%	2.4%	2.6%	0.9%	1.8%	0.0%	2.5%
Machines/Mechanical Parts	2.8%	3.8%	2.4%	2.0%	2.7%	4.0%	0.0%	3.1%
Container	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Pipe/Plastic	5.6%	3.4%	0.9%	0.7%	0.9%	1.8%	0.0%	2.1%
Chemicals/Medicines/Fertilisers	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Cement	0.9%	0.8%	0.0%	3.9%	6.4%	1.1%	0.0%	1.7%
Salt	0.0%	0.0%	0.5%	0.7%	0.0%	1.1%	0.0%	0.5%
Coal	0.0%	0.0%	1.4%	0.0%	0.9%	0.7%	0.0%	0.5%
Ice	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Paper	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.1%
Courier, Parcel	0.9%	3.0%	6.1%	5.3%	4.5%	4.0%	0.0%	4.1%
Auto Mobiles Products (Bikes, Cars	0.9%	0.4%	0.5%	1.3%	0.9%	1.1%	0.0%	0.8%
Industrial Goods	0.9%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
Electricals/Electronics	0.0%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%
Powder	0.0%	0.0%	0.0%	0.7%	2.7%	0.4%	0.0%	0.5%
Cattle	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Tyres	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Jewellery/Diamonds	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Partune/Tobacco/Wine	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Others (Scrap, Glass, Grass etc)	3.7%	3.0%	3.3%	10.5%	7.3%	5.5%	11.1%	5.3%
Grand Total	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

3.6 | ORIGIN AND DESTINATION SURVEY

OD 5: NH-53, Surat- Songadh Road, Near Ghaluda

Sample Size			
Vehicle Type	**Passenger**	**Bus**	**Goods**
Near Ghaluda	19%	46%	35%

Percentage Frequency of Trips Made by Passenger Vehicles

Frequency	Car/Jeep (Private)	Car/Jeep (Taxi)	Two wheeler	Auto Rickshaw	Shared Autos	Tata Magic	Cycle	Average
Daily Once	7.1%	4.2%	6.4%	2.5%		10.0%	0.0%	5.0%
Daily Twice (Up & Down)	69.0%	72.7%	80.5%	80.0%		60.0%	80.0%	73.7%
Multiple Trips a day	2.4%	4.2%	2.2%	10.0%		0.0%	0.0%	3.1%
Alternate Day	1.5%	0.0%	0.7%	0.0%		0.0%	0.0%	0.4%
Weekly	4.9%	2.1%	3.2%	2.5%		10.0%	20.0%	7.1%
Monthly	5.1%	3.5%	3.3%	2.5%		10.0%	0.0%	4.1%
Others	10.0%	13.3%	3.7%	2.5%		10.0%	0.0%	6.6%
Grand Total	**100%**	**100%**	**100%**	**100%**		**100%**	**100%**	**100%**

Percentage Frequency of Trips Made by Commercial Vehicles

Frequency	Goods Auto	Tata Ace	LCV	2 Axle Truck	3 Axle Truck	Multi Axle Truck	Tractor with Trailer	Average
Daily Once	11.8%	25.0%	22.4%	10.4%	5.2%	10.1%	0.0%	12.1%
Daily Twice (Up & Down)	33.8%	28.9%	29.7%	11.9%	11.4%	10.4%	11.1%	19.6%
Multiple Trips a day	0.0%	2.3%	4.2%	2.2%	1.2%	2.4%	0.0%	1.8%
Alternate Day	0.0%	0.8%	3.0%	1.0%	2.5%	4.8%	0.0%	1.7%
Weekly	16.2%	10.9%	11.5%	21.5%	25.8%	23.2%	11.1%	17.2%
Monthly	8.8%	14.1%	14.5%	24.7%	29.2%	28.5%	27.8%	21.1%
Others	29.4%	18.0%	14.5%	28.4%	24.6%	20.5%	50.0%	26.5%
Grand Total	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

Percentage Trips According to Purpose Made by Passenger Vehicles

Purpose	Car/Jeep (Private)	Car/Jeep (Taxi)	Two wheeler	Auto Rickshaw	Shared Autos	Tata Magic	Cycle	Average
Work	57.3%	62.2%	67.0%	71.3%		40.0%	80.0%	63.0%
Business	16.1%	17.5%	14.6%	21.3%		50.0%	20.0%	23.2%
Education	8.0%	1.4%	9.7%	2.5%		0.0%	0.0%	3.6%
Shopping	3.4%	2.1%	2.1%	2.5%		0.0%	0.0%	1.7%
Social/Religious/Recreation	4.7%	4.2%	2.6%	0.0%		0.0%	0.0%	1.9%
Health/Hospital	4.1%	7.0%	2.8%	1.3%		10.0%	0.0%	4.2%
Tourism	4.6%	3.5%	0.7%	1.3%		0.0%	0.0%	1.7%
Other Purpose	1.8%	2.1%	0.5%	0.0%		0.0%	0.0%	0.7%
Grand Total	**100%**	**100%**	**100%**	**100%**		**100%**	**100%**	**100%**

Percentage of Zonal Classification Trips Made by Passenger Vehicles

Vehicle Type	I I	I E	E I	E E	Total
Car/Jeep (Private)	0.0%	40.8%	40.7%	18.5%	**100%**
Car/Jeep (Taxi)	0.0%	39.8%	46.8%	13.5%	**100%**
Two wheeler	0.0%	40.9%	46.8%	12.4%	**100%**
Auto Rickshaw	0.0%	40.5%	45.4%	14.1%	**100%**
Shared Autos					**0%**
Tata Magic	0.0%	0.0%	90.0%	10.0%	**100%**
Cycle	0.0%	56.0%	44.0%	0.0%	**100%**
City Bus					**0%**
State Bus	0.0%	63.8%	36.2%	0.0%	**100%**
Private Bus	0.0%	44.4%	52.3%	3.3%	**100%**
Institutional Bus	0.0%	19.4%	80.6%	0.0%	**100%**
Company Bus					**0%**
Mini Bus	0.0%	48.1%	51.9%	0.0%	**100%**
BRTS					**0%**
Average	**0.0%**	**39.4%**	**53.5%**	**7.2%**	**100.0%**

3.6 | ORIGIN AND DESTINATION SURVEY

Percentage of Zonal Classification Trips Made by Commercial Vehicles					
Vehicle Type	**I I**	**I E**	**E I**	**E E**	**Total**
Goods Auto	0.0%	29.5%	43.6%	26.9%	**100%**
Tata Ace	0.0%	40.7%	37.9%	21.4%	**100%**
LCV	0.0%	24.3%	40.7%	35.1%	**100%**
2-Axle Truck	0.0%	33.9%	34.6%	31.5%	**100%**
3-Axle Truck	0.0%	30.6%	35.8%	33.6%	**100%**
Multi Axle Truck	0.0%	29.6%	37.3%	33.1%	**100%**
Tractor with Trailer	0.0%	37.5%	35.0%	27.5%	**100%**
Average	**0.0%**	**32.3%**	**37.8%**	**29.9%**	**100%**

Commodity Analysis								
Commodity Type	**Goods Auto**	**Tata Ace**	**LCV**	**2 Axle Truck**	**3 Axle Truck**	**Multi Axle**	**Tractor**	**Total**
Empty	25.0%	31.3%	24.2%	27.4%	17.8%	16.4%	16.7%	22.1%
Vegetables/ Fruits/ Milk	13.2%	16.4%	12.7%	5.2%	8.9%	10.1%	0.0%	9.4%
Fish/Chicken/Meat	1.5%	0.8%	1.2%	0.7%	0.0%	0.7%	0.0%	0.7%
Food Grains (Rice/ Wheat/ etc)	5.9%	6.3%	2.4%	3.0%	4.6%	3.6%	0.0%	3.8%
Sand/Aggregate/Steel/Brick	0.0%	0.8%	1.8%	3.5%	3.4%	5.6%	22.2%	3.7%
Finished Consumer Goods	0.0%	6.3%	5.5%	3.7%	3.4%	3.6%	0.0%	3.8%
Jute Bags/Ropes	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Coconut/Flowers	0.0%	0.0%	0.0%	0.0%	0.3%	0.7%	0.0%	0.3%
Rice Husk/Dust	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Leather	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Cotton/Silk/Clothes	2.9%	3.1%	0.6%	4.4%	4.6%	5.3%	11.1%	4.2%
Rubber/Plywood/Timber/bamboo sti	2.9%	5.5%	6.7%	4.4%	2.5%	2.2%	5.6%	3.7%
Paint/dyes	0.0%	1.6%	0.0%	0.0%	1.2%	1.0%	0.0%	0.7%
Drums/Tubes/Cables/Wire/Fibre	0.0%	0.0%	0.0%	0.2%	0.0%	0.7%	0.0%	0.3%
Marbles/ Tiles/Lime Stone	13.2%	3.9%	6.7%	7.2%	8.3%	9.9%	0.0%	8.0%
Iron coils/ Steel bars/ Iron pipes	1.5%	2.3%	5.5%	4.9%	7.7%	4.3%	5.6%	5.1%
Petrol/ Diesel/ Gas/ LPG / Sulphur	2.9%	2.3%	3.0%	2.7%	2.5%	2.7%	5.6%	2.7%
Machines/Mechanical Parts	0.0%	1.6%	1.2%	2.0%	0.9%	2.4%	5.6%	1.7%
Container	0.0%	0.8%	0.6%	0.0%	0.0%	0.0%	0.0%	0.1%
Pipe/Plastic	0.0%	1.6%	3.6%	2.7%	5.2%	6.0%	0.0%	4.0%
Chemicals/Medicines/Fertilisers	1.5%	0.8%	0.0%	0.7%	0.6%	1.4%	5.6%	0.9%
Cement	0.0%	0.8%	1.2%	2.7%	6.2%	2.2%	0.0%	2.8%
Salt	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Coal	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%	0.0%	0.3%
Ice	2.9%	0.8%	0.0%	0.2%	0.0%	0.0%	0.0%	0.3%
Paper	1.5%	2.3%	4.2%	1.0%	2.8%	2.4%	0.0%	2.2%
Courier, Parcel	13.2%	9.4%	9.7%	10.1%	8.6%	10.9%	0.0%	9.9%
Auto Mobiles Products (Bikes, Cars	0.0%	0.0%	1.2%	3.0%	0.6%	0.2%	11.1%	1.2%
Industrial Goods	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Electricals/Electronics	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.1%
Powder	7.4%	0.8%	3.0%	5.2%	6.5%	5.6%	5.6%	5.1%
Cattle	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Tyres	0.0%	0.0%	0.6%	1.5%	0.6%	0.2%	0.0%	0.7%
Jewellery/Diamonds	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Partune/Tobacco/Wine	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Others (Scrap, Glass, Grass etc)	4.4%	0.8%	4.2%	3.2%	2.8%	0.5%	5.6%	2.4%
Grand Total	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

3.6 | ORIGIN AND DESTINATION SURVEY

OD 6: NH-48, Golden Quadrilateral Road, Near Makhinga

Sample Size			
Vehicle Type	**Passenger**	**Bus**	**Goods**
Near Makhinga	38%	21%	25%

Percentage Frequency of Trips Made by Passenger Vehicles

Frequency	Car/Jeep (Private)	Car/Jeep (Taxi)	Two wheeler	Auto Rickshaw	Shared Autos	Tata Magic	Cycle	Average
Daily Once	6.7%	5.3%	6.8%	19.8%	0.0%	0.0%	0.0%	5.5%
Daily Twice (Up & Down)	57.2%	63.2%	78.5%	61.5%	50.0%	100.0%	100.0%	72.9%
Multiple Trips a day	0.2%	0.7%	1.5%	3.3%	0.0%	0.0%	0.0%	0.8%
Alternate Day	3.0%	0.7%	0.6%	1.1%	0.0%	0.0%	0.0%	0.8%
Weekly	6.9%	4.6%	3.5%	3.3%	0.0%	0.0%	0.0%	2.6%
Monthly	13.0%	18.4%	5.0%	3.3%	0.0%	0.0%	0.0%	5.7%
Others	12.9%	7.2%	4.1%	7.7%	50.0%	0.0%	0.0%	11.7%
Grand Total	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

Percentage Frequency of Trips Made by Commercial Vehicles

Frequency	Goods Auto	Tata Ace	LCV	2 Axle Truck	3 Axle Truck	Multi Axle Truck	Tractor with Trailer	Average
Daily Once	11.8%	27.7%	17.0%	6.5%	5.3%	3.9%	6.3%	11.2%
Daily Twice (Up & Down)	36.3%	22.3%	8.2%	6.7%	3.9%	2.7%	11.5%	13.1%
Multiple Trips a day	3.9%	13.3%	8.4%	3.8%	2.6%	2.8%	3.1%	5.4%
Alternate Day	4.9%	4.8%	9.8%	11.5%	13.0%	8.7%	1.0%	7.7%
Weekly	24.5%	22.9%	30.5%	40.5%	37.4%	39.2%	32.3%	32.5%
Monthly	14.7%	9.0%	23.0%	29.4%	35.2%	39.9%	37.5%	26.9%
Others	3.9%	0.0%	3.0%	1.6%	2.6%	2.8%	8.3%	3.2%
Grand Total	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

Percentage Trips According to Purpose Made by Passenger Vehicles

Purpose	Car/Jeep (Private)	Car/Jeep (Taxi)	Two wheeler	Auto Rickshaw	Shared Autos	Tata Magic	Cycle	Average
Work	51.1%	55.9%	72.3%	57.1%	0.0%	0.0%	100.0%	48.1%
Business	13.5%	13.2%	14.2%	30.8%	50.0%	100.0%	0.0%	31.7%
Education	2.4%	3.3%	2.1%	1.1%	0.0%	0.0%	0.0%	1.3%
Shopping	2.0%	3.3%	1.5%	1.1%	0.0%	0.0%	0.0%	1.1%
Social/Religious/Recreation	15.9%	9.9%	3.8%	2.2%	0.0%	0.0%	0.0%	4.5%
Health/Hospital	6.6%	3.9%	2.7%	3.3%	0.0%	0.0%	0.0%	2.4%
Tourism	5.5%	6.6%	1.5%	3.3%	50.0%	0.0%	0.0%	9.5%
Other Purpose	2.9%	3.9%	2.1%	1.1%	0.0%	0.0%	0.0%	1.4%
Grand Total	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

Percentage of Zonal Classification Trips Made by Passenger Vehicles

Vehicle Type	I I	I E	E I	E E	Total
Car/Jeep (Private)	0.0%	32.5%	36.6%	30.9%	**100%**
Car/Jeep (Taxi)	0.0%	40.4%	32.2%	27.4%	**100%**
Two wheeler	0.0%	48.3%	33.5%	18.2%	**100%**
Auto Rickshaw	0.0%	55.1%	28.3%	16.6%	**100%**
Shared Autos	0.0%	0.0%	100.0%	0.0%	**100%**
Tata Magic	0.0%	0.0%	100.0%	0.0%	**100%**
Cycle	0.0%	0.0%	100.0%	0.0%	**100%**
City Bus					**0%**
State Bus	0.0%	5.8%	47.1%	47.1%	**100%**
Private Bus	0.0%	16.4%	19.4%	64.2%	**100%**
Institutional Bus	0.0%	0.0%	42.9%	57.1%	**100%**
Company Bus	0.0%	0.0%	50.0%	50.0%	**100%**
Mini Bus	0.0%	3.0%	0.0%	97.0%	**100%**
BRTS					**0%**
Average	**0.0%**	**16.8%**	**49.2%**	**34.0%**	**100.0%**

3.6 | ORIGIN AND DESTINATION SURVEY

Percentage of Zonal Classification Trips Made by Commercial Vehicles					
Vehicle Type	**I I**	**I E**	**E I**	**E E**	**Total**
Goods Auto	0.0%	22.7%	26.9%	50.4%	**100%**
Tata Ace	0.0%	29.5%	28.8%	41.7%	**100%**
LCV	0.0%	23.8%	28.8%	47.4%	**100%**
2-Axle Truck	0.0%	31.3%	15.7%	52.9%	**100%**
3-Axle Truck	0.0%	26.1%	17.5%	56.4%	**100%**
Multi Axle Truck	0.0%	25.5%	22.7%	51.9%	**100%**
Tractor with Trailer	0.0%	15.1%	48.6%	36.3%	**100%**
Average	**0.0%**	**24.8%**	**27.0%**	**48.1%**	**100%**

Commodity Analysis								
Commodity Type	**Goods Auto**	**Tata Ace**	**LCV**	**2 Axle Truck**	**3 Axle Truck**	**Multi Axle**	**Tractor**	**Total**
Empty	43.1%	48.2%	33.0%	26.6%	25.9%	28.0%	26.0%	30.1%
Vegetables/ Fruits/ Milk	3.9%	5.4%	6.3%	3.8%	3.8%	2.8%	4.2%	4.1%
Fish/Chicken/Meat	4.9%	1.8%	1.9%	1.2%	0.8%	1.8%	1.0%	1.6%
Food Grains (Rice/ Wheat/ etc)	2.0%	1.2%	1.6%	1.8%	2.3%	3.3%	6.3%	2.4%
Sand/Aggregate/Steel/Brick	0.0%	0.6%	0.9%	0.8%	2.1%	0.6%	0.0%	0.9%
Finished Consumer Goods	3.9%	3.0%	2.5%	2.4%	3.4%	5.2%	2.1%	3.5%
Jute Bags/Ropes	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
Coconut/Flowers	0.0%	1.2%	0.4%	0.0%	0.0%	0.3%	0.0%	0.2%
Rice Husk/Dust	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Leather	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Cotton/Silk/Clothes	2.0%	1.8%	2.3%	1.8%	1.9%	1.0%	2.1%	1.7%
Rubber/Plywood/Timber/bamboo sti	2.9%	1.2%	3.9%	2.4%	4.1%	3.2%	1.0%	3.2%
Paint/dyes	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Drums/Tubes/Cables/Wire/Fibre	1.0%	1.2%	1.4%	1.0%	0.4%	1.6%	1.0%	1.2%
Marbles/ Tiles/Lime Stone	0.0%	1.2%	2.8%	3.0%	1.7%	1.8%	0.0%	2.0%
Iron coils/ Steel bars/ Iron pipes	2.0%	0.6%	3.0%	5.6%	4.1%	6.6%	3.1%	4.5%
Petrol/ Diesel/ Gas/ LPG / Sulphur	0.0%	3.6%	2.3%	2.8%	2.6%	3.5%	1.0%	2.8%
Machines/Mechanical Parts	1.0%	0.6%	1.4%	1.4%	1.5%	2.2%	2.1%	1.6%
Container	2.9%	0.0%	1.6%	0.4%	0.9%	1.4%	1.0%	1.1%
Pipe/Plastic	3.9%	4.2%	3.2%	2.6%	3.2%	1.9%	4.2%	2.8%
Chemicals/Medicines/Fertilisers	2.0%	3.0%	6.3%	5.4%	9.8%	5.8%	5.2%	6.3%
Cement	2.0%	1.2%	1.4%	4.2%	5.3%	3.8%	1.0%	3.3%
Salt	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
Coal	2.9%	0.0%	0.5%	1.2%	2.4%	2.4%	0.0%	1.6%
Ice	1.0%	1.2%	0.4%	0.2%	0.0%	0.3%	0.0%	0.3%
Paper	4.9%	1.8%	1.1%	3.8%	2.3%	2.0%	1.0%	2.2%
Courier, Parcel	9.8%	11.4%	14.2%	17.5%	13.0%	11.5%	26.0%	13.9%
Auto Mobiles Products (Bikes, Cars	0.0%	0.6%	1.2%	2.6%	1.9%	2.8%	5.2%	2.1%
Industrial Goods	0.0%	0.0%	0.2%	0.2%	0.2%	0.3%	0.0%	0.2%
Electricals/Electronics	0.0%	1.2%	1.6%	1.0%	1.5%	1.1%	4.2%	1.3%
Powder	2.0%	1.2%	2.5%	4.8%	3.4%	2.3%	2.1%	2.9%
Cattle	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Tyres	0.0%	1.2%	1.1%	0.8%	0.4%	1.1%	0.0%	0.8%
Jewellery/Diamonds	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%
Partune/Tobacco/Wine	0.0%	0.0%	0.2%	0.2%	0.2%	0.1%	0.0%	0.1%
Others (Scrap, Glass, Grass etc)	2.0%	1.2%	1.1%	1.0%	0.9%	1.3%	0.0%	1.1%
Grand Total	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

3.6 | ORIGIN AND DESTINATION SURVEY

OD 7: SH-6, Surat-Navsari Road, Near Kapletha

Sample Size			
Vehicle Type	**Passenger**	**Bus**	**Goods**
Near Kapletha	31%	39%	62%

Percentage Frequency of Trips Made by Passenger Vehicles

Frequency	Car/Jeep (Private)	Car/Jeep (Taxi)	Two wheeler	Auto Rickshaw	Shared Autos	Tata Magic	Cycle	Average
Daily Once	5.4%	1.1%	2.4%	28.8%	0.0%		0.0%	6.3%
Daily Twice (Up & Down)	47.1%	69.0%	71.1%	50.0%	100.0%		85.7%	70.5%
Multiple Trips a day	0.4%	0.0%	0.0%	2.3%	0.0%		0.0%	0.4%
Alternate Day	3.2%	2.3%	2.2%	0.4%	0.0%		0.0%	1.3%
Weekly	7.2%	0.0%	3.6%	8.0%	0.0%		0.0%	3.1%
Monthly	13.3%	10.3%	6.4%	4.2%	0.0%		0.0%	5.7%
Others	23.5%	17.2%	14.3%	6.4%	0.0%		14.3%	12.6%
Grand Total	**100%**	**100%**	**100%**	**100%**	**100%**		**100%**	**100%**

Percentage Frequency of Trips Made by Commercial Vehicles

Frequency	Goods Auto	Tata Ace	LCV	2 Axle Truck	3 Axle Truck	Multi Axle Truck	Tractor with Trailer	Average
Daily Once	65.4%	38.9%	28.9%	20.0%	8.5%	17.0%	0.0%	25.5%
Daily Twice (Up & Down)	4.9%	17.8%	7.6%	0.0%	4.2%	5.6%	0.0%	5.7%
Multiple Trips a day	2.5%	5.6%	6.1%	9.3%	9.9%	8.1%	33.3%	10.7%
Alternate Day	0.0%	3.3%	6.1%	6.7%	7.0%	8.4%	33.3%	9.3%
Weekly	14.8%	17.8%	31.6%	34.7%	33.8%	30.8%	16.7%	25.7%
Monthly	8.6%	16.7%	16.6%	26.7%	26.8%	27.5%	16.7%	19.9%
Others	3.7%	0.0%	3.1%	2.7%	9.9%	2.5%	0.0%	3.1%
Grand Total	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

Percentage Trips According to Purpose Made by Passenger Vehicles

Purpose	Car/Jeep (Private)	Car/Jeep (Taxi)	Two wheeler	Auto Rickshaw	Shared Autos	Tata Magic	Cycle	Average
Work	44.3%	67.8%	66.1%	48.5%	100.0%		85.7%	68.7%
Business	5.7%	1.1%	2.5%	33.3%	0.0%		0.0%	7.1%
Education	0.7%	0.0%	1.7%	0.8%	0.0%		0.0%	0.5%
Shopping	4.4%	2.3%	3.1%	1.5%	0.0%		0.0%	1.9%
Social/Religious/Recreation	16.2%	8.0%	9.6%	6.1%	0.0%		0.0%	6.7%
Health/Hospital	9.1%	5.7%	4.0%	3.8%	0.0%		14.3%	6.2%
Tourism	8.4%	9.2%	5.1%	1.1%	0.0%		0.0%	4.0%
Other Purpose	11.3%	5.7%	7.9%	4.9%	0.0%		0.0%	5.0%
Grand Total	**100%**	**100%**	**100%**	**100%**	**100%**		**100%**	**100%**

Percentage of Zonal Classification Trips Made by Passenger Vehicles

Vehicle Type	I I	I E	E I	E E	Total
Car/Jeep (Private)	0.0%	57.1%	39.3%	3.6%	**100%**
Car/Jeep (Taxi)	0.0%	38.1%	61.9%	0.0%	**100%**
Two wheeler	0.0%	54.1%	42.0%	3.9%	**100%**
Auto Rickshaw	0.0%	52.3%	40.8%	6.8%	**100%**
Shared Autos	0.0%	100.0%	0.0%	0.0%	**100%**
Tata Magic					**0%**
Cycle	0.0%	57.1%	42.9%	0.0%	**100%**
City Bus					**0%**
State Bus	0.0%	45.4%	40.5%	14.1%	**100%**
Private Bus	0.0%	79.1%	17.7%	3.2%	**100%**
Institutional Bus	0.0%	44.0%	56.0%	0.0%	**100%**
Company Bus	0.0%	66.7%	33.3%	0.0%	**100%**
Mini Bus	0.0%	50.8%	49.2%	0.0%	**100%**
BRTS					**0%**
Average	**0.0%**	**58.6%**	**38.5%**	**2.9%**	**100.0%**

3.6 | ORIGIN AND DESTINATION SURVEY

Percentage of Zonal Classification Trips Made by Commercial Vehicles					
Vehicle Type	**I I**	**I E**	**E I**	**E E**	**Total**
Goods Auto	0.0%	48.5%	50.5%	1.0%	**100%**
Tata Ace	0.0%	59.7%	40.3%	0.0%	**100%**
LCV	0.0%	47.1%	51.5%	1.4%	**100%**
2-Axle Truck	0.0%	55.7%	43.0%	1.3%	**100%**
3-Axle Truck	0.0%	36.4%	60.8%	2.8%	**100%**
Multi Axle Truck	0.0%	61.1%	38.5%	0.4%	**100%**
Tractor with Trailer	0.0%	50.0%	50.0%	0.0%	**100%**
Average	**0.0%**	**51.2%**	**47.8%**	**1.0%**	**100%**

Commodity Analysis								
Commodity Type	**Goods Auto**	**Tata Ace**	**LCV**	**2 Axle Truck**	**3 Axle Truck**	**Multi Axle**	**Tractor**	**Total**
Empty	48.1%	38.9%	35.2%	34.7%	19.7%	28.0%	83.3%	33.2%
Vegetables/ Fruits/ Milk	6.2%	7.8%	9.4%	4.0%	8.5%	9.4%	0.0%	8.6%
Fish/Chicken/Meat	3.7%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.5%
Food Grains (Rice/ Wheat/ etc)	1.2%	0.0%	4.0%	6.7%	5.6%	2.3%	0.0%	3.2%
Sand/Aggregate/Steel/Brick	0.0%	1.1%	1.6%	1.3%	0.0%	0.8%	0.0%	1.0%
Finished Consumer Goods	8.6%	7.8%	6.7%	9.3%	12.7%	8.1%	0.0%	7.9%
Jute Bags/Ropes	0.0%	1.1%	2.0%	1.3%	0.0%	0.5%	0.0%	1.1%
Coconut/Flowers	0.0%	1.1%	0.0%	0.0%	0.0%	0.3%	0.0%	0.2%
Rice Husk/Dust	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Leather	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Cotton/Silk/Clothes	3.7%	3.3%	2.7%	2.7%	2.8%	3.6%	0.0%	3.1%
Rubber/Plywood/Timber/bamboo sti	0.0%	2.2%	1.6%	1.3%	1.4%	1.0%	0.0%	1.3%
Paint/dyes	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Drums/Tubes/Cables/Wire/Fibre	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.2%
Marbles/ Tiles/Lime Stone	2.5%	2.2%	1.3%	0.0%	1.4%	1.3%	0.0%	1.4%
Iron coils/ Steel bars/ Iron pipes	1.2%	4.4%	4.5%	9.3%	5.6%	7.6%	0.0%	5.7%
Petrol/ Diesel/ Gas/ LPG / Sulphur	3.7%	5.6%	9.0%	9.3%	9.9%	5.3%	0.0%	7.1%
Machines/Mechanical Parts	1.2%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.3%
Container	0.0%	0.0%	0.4%	1.3%	0.0%	0.3%	0.0%	0.3%
Pipe/Plastic	3.7%	2.2%	2.0%	4.0%	1.4%	2.0%	0.0%	2.2%
Chemicals/Medicines/Fertilisers	4.9%	4.4%	2.5%	0.0%	0.0%	2.3%	0.0%	2.4%
Cement	1.2%	3.3%	1.6%	2.7%	4.2%	3.1%	0.0%	2.4%
Salt	1.2%	0.0%	0.2%	0.0%	0.0%	1.5%	0.0%	0.7%
Coal	0.0%	2.2%	2.9%	1.3%	7.0%	9.9%	0.0%	5.2%
Ice	0.0%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
Paper	2.5%	2.2%	2.9%	0.0%	4.2%	2.5%	0.0%	2.6%
Courier, Parcel	0.0%	3.3%	2.0%	2.7%	5.6%	1.0%	0.0%	1.9%
Auto Mobiles Products (Bikes, Cars	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.1%
Industrial Goods	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Electricals/Electronics	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Powder	1.2%	3.3%	3.8%	5.3%	9.9%	6.9%	0.0%	5.1%
Cattle	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Tyres	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Jewellery/Diamonds	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Partune/Tobacco/Wine	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Others (Scrap, Glass, Grass etc)	4.9%	2.2%	1.6%	2.7%	0.0%	2.3%	16.7%	2.2%
Grand Total	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

3.6 | ORIGIN AND DESTINATION SURVEY

All Locations

Sample Size			
Vehicle Type	**Passenger**	**Bus**	**Goods**
Average	32%	37%	37%

Percentage Frequency of Trips Made by Passenger Vehicles								
Frequency	**Car/Jeep (Private)**	**Car/Jeep (Taxi)**	**Two wheeler**	**Auto Rickshaw**	**Shared Autos**	**Tata Magic**	**Cycle**	**Average**
Daily Once	7.3%	7.6%	7.2%	13.2%	1.7%	3.8%	4.9%	6.5%
Daily Twice (Up & Down)	62.1%	67.1%	73.2%	62.9%	69.5%	67.0%	76.9%	68.4%
Multiple Trips a day	1.5%	1.4%	2.2%	5.2%	0.0%	1.0%	3.8%	2.2%
Alternate Day	2.1%	1.0%	1.7%	1.1%	0.0%	0.3%	0.0%	0.9%
Weekly	5.1%	2.1%	3.4%	5.1%	5.7%	2.5%	6.1%	4.3%
Monthly	8.6%	9.0%	5.1%	4.4%	4.5%	2.3%	2.8%	5.2%
Others	13.2%	11.8%	7.2%	8.1%	18.6%	23.3%	5.5%	12.5%
Grand Total	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

Percentage Frequency of Trips Made by Commercial Vehicles								
Frequency	**Goods Auto**	**Tata Ace**	**LCV**	**2 Axle Truck**	**3 Axle Truck**	**Multi Axle Truck**	**Tractor with Trailer**	**Average**
Daily Once	26.5%	23.8%	20.4%	18.7%	15.6%	15.1%	8.0%	18.3%
Daily Twice (Up & Down)	31.3%	31.6%	26.8%	15.5%	18.6%	18.9%	31.3%	24.8%
Multiple Trips a day	2.7%	8.9%	7.9%	5.4%	3.8%	3.9%	7.2%	5.7%
Alternate Day	2.2%	2.3%	4.9%	4.5%	4.4%	4.4%	6.7%	4.2%
Weekly	18.5%	17.1%	21.4%	31.1%	29.0%	26.7%	15.3%	22.7%
Monthly	11.5%	10.9%	13.5%	18.3%	21.2%	23.6%	16.7%	16.5%
Others	7.3%	5.4%	5.2%	6.5%	7.4%	7.5%	14.8%	7.7%
Grand Total	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

Percentage Trips According to Purpose Made by Passenger Vehicles								
Purpose	**Car/Jeep (Private)**	**Car/Jeep (Taxi)**	**Two wheeler**	**Auto Rickshaw**	**Shared Autos**	**Tata Magic**	**Cycle**	**Average**
Work	52.6%	59.3%	62.7%	53.8%	54.8%	40.3%	76.9%	57.2%
Business	13.9%	12.3%	13.3%	26.7%	17.9%	34.8%	12.7%	18.8%
Education	4.0%	4.2%	5.2%	3.0%	1.4%	1.3%	0.0%	2.7%
Shopping	3.6%	2.4%	2.9%	2.8%	0.0%	0.3%	2.8%	2.1%
Social/Religious/Recreation	9.5%	6.1%	5.8%	3.9%	5.7%	0.3%	1.0%	4.6%
Health/Hospital	5.2%	4.2%	2.8%	2.8%	0.0%	23.0%	2.4%	5.8%
Tourism	6.0%	7.7%	3.4%	4.5%	14.3%	0.0%	1.0%	5.3%
Other Purpose	5.1%	3.8%	3.9%	2.5%	6.0%	0.3%	3.1%	3.5%
Grand Total	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

Percentage of Zonal Classification Trips Made by Passenger Vehicles					
Vehicle Type	**I I**	**I E**	**E I**	**E E**	**Total**
Car/Jeep (Private)	0%	45%	38%	18%	**100%**
Car/Jeep (Taxi)	0%	47%	38%	16%	**100%**
Two wheeler	0%	44%	41%	15%	**100%**

3.6 | ORIGIN AND DESTINATION SURVEY

Auto Rickshaw	0%	46%	41%	13%	**100%**
Shared Autos	0%	33%	44%	16%	**93%**
Tata Magic	0%	7%	47%	45%	**99%**
Cycle	0%	31%	51%	18%	**100%**
City Bus					**0%**
State Bus	0%	41%	45%	14%	**100%**
Private Bus	0%	48%	35%	17%	**100%**
Institutional Bus	0%	39%	46%	15%	**100%**
Company Bus	0%	24%	64%	13%	**100%**
Mini Bus	0%	41%	35%	24%	**100%**
BRTS					**0%**
Average	**0.0%**	**37.0%**	**43.7%**	**18.6%**	**99.3%**

3.6 | ORIGIN AND DESTINATION SURVEY

Percentage of Zonal Classification Trips Made by Commercial Vehicles					
Vehicle Type	**I I**	**I E**	**E I**	**E E**	**Total**
Goods Auto	0%	37%	42%	21%	**100%**
Tata Ace	0%	37%	44%	19%	**100%**
LCV	0%	33%	40%	27%	**100%**
2-Axle Truck	0%	46%	26%	28%	**100%**
3-Axle Truck	0%	45%	25%	30%	**100%**
Multi Axle Truck	0%	38%	33%	29%	**100%**
Tractor with Trailer	0%	36%	46%	18%	**100%**
Average	**0.0%**	**38.7%**	**36.7%**	**24.6%**	**100%**

Commodity Analysis								
Commodity Type	**Goods Auto**	**Tata Ace**	**LCV**	**2 Axle Truck**	**3 Axle Truck**	**Multi Axle Truck**	**Tractor with Trailer**	**Total**
Empty	39.2%	35.5%	32.3%	31.3%	22.3%	25.4%	35.0%	29.7%
Vegetables/ Fruits/ Milk	11.4%	10.7%	10.6%	8.2%	12.2%	9.7%	6.4%	9.9%
Fish/Chicken/Meat	2.1%	1.7%	1.2%	1.3%	0.4%	1.0%	0.1%	1.2%
Food Grains (Rice/ Wheat/ etc	4.0%	4.0%	3.3%	3.2%	3.5%	4.7%	0.9%	3.5%
Sand/Aggregate/Steel/Brick	1.3%	1.3%	1.7%	2.3%	4.5%	4.5%	22.2%	2.4%
Finished Consumer Goods	6.3%	6.3%	6.6%	4.2%	4.4%	4.1%	0.3%	5.9%
Jute Bags/Ropes	0.0%	0.2%	0.5%	0.3%	0.0%	0.1%	0.0%	0.2%
Coconut/Flowers	0.3%	0.4%	0.2%	0.0%	0.2%	0.2%	0.0%	0.2%
Rice Husk/Dust	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
Leather	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Cotton/Silk/Clothes	4.1%	3.0%	3.1%	3.2%	1.7%	3.4%	1.9%	3.3%
Rubber/Plywood/Timber/bamb	1.9%	2.4%	2.6%	2.1%	2.4%	1.9%	4.7%	2.4%
Paint/dyes	0.0%	0.2%	0.0%	0.0%	0.2%	0.1%	0.0%	0.1%
Drums/Tubes/Cables/Wire/Fib	0.1%	0.6%	0.4%	0.4%	0.4%	0.5%	0.1%	0.5%
Marbles/ Tiles/Lime Stone	2.4%	1.9%	2.6%	2.7%	6.2%	3.5%	0.0%	2.9%
Iron coils/ Steel bars/ Iron pipe	3.8%	5.0%	5.0%	7.1%	6.7%	9.0%	2.1%	6.2%
Petrol/ Diesel/ Gas/ LPG / Sulp	1.9%	3.7%	4.1%	4.3%	3.6%	2.8%	0.9%	3.4%
Machines/Mechanical Parts	0.7%	0.9%	1.2%	1.0%	1.0%	1.9%	1.1%	1.4%
Container	1.0%	0.3%	0.6%	0.4%	0.2%	1.1%	0.1%	0.5%
Pipe/Plastic	3.5%	3.1%	3.2%	4.0%	3.2%	2.2%	0.6%	3.1%
Chemicals/Medicines/Fertiliser	1.2%	1.4%	2.2%	2.0%	2.2%	2.1%	1.5%	2.3%
Cement	1.3%	2.1%	1.8%	3.4%	4.6%	2.4%	3.4%	2.7%
Salt	0.2%	0.1%	0.1%	0.1%	0.0%	0.4%	0.0%	0.2%
Coal	0.6%	0.4%	1.0%	1.2%	2.5%	2.9%	0.0%	1.5%
Ice	0.6%	1.4%	0.7%	0.1%	0.0%	0.5%	0.0%	0.6%
Paper	1.6%	1.0%	1.2%	0.7%	1.4%	1.1%	0.1%	1.1%
Courier, Parcel	5.5%	7.1%	6.8%	7.7%	7.9%	6.0%	5.5%	7.0%
Auto Mobiles Products (Bikes,	0.1%	0.7%	0.8%	1.1%	0.6%	2.2%	3.2%	1.1%
Industrial Goods	0.1%	0.1%	0.1%	0.1%	0.0%	0.1%	0.0%	0.1%
Electricals/Electronics	0.0%	0.6%	0.3%	0.7%	0.3%	0.6%	0.6%	0.4%
Powder	1.5%	1.2%	1.8%	2.7%	3.5%	2.4%	1.1%	2.4%
Cattle	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Tyres	0.0%	0.2%	0.2%	0.4%	0.1%	0.2%	0.0%	0.3%
Jewellery/Diamonds	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

3.6 | ORIGIN AND DESTINATION SURVEY

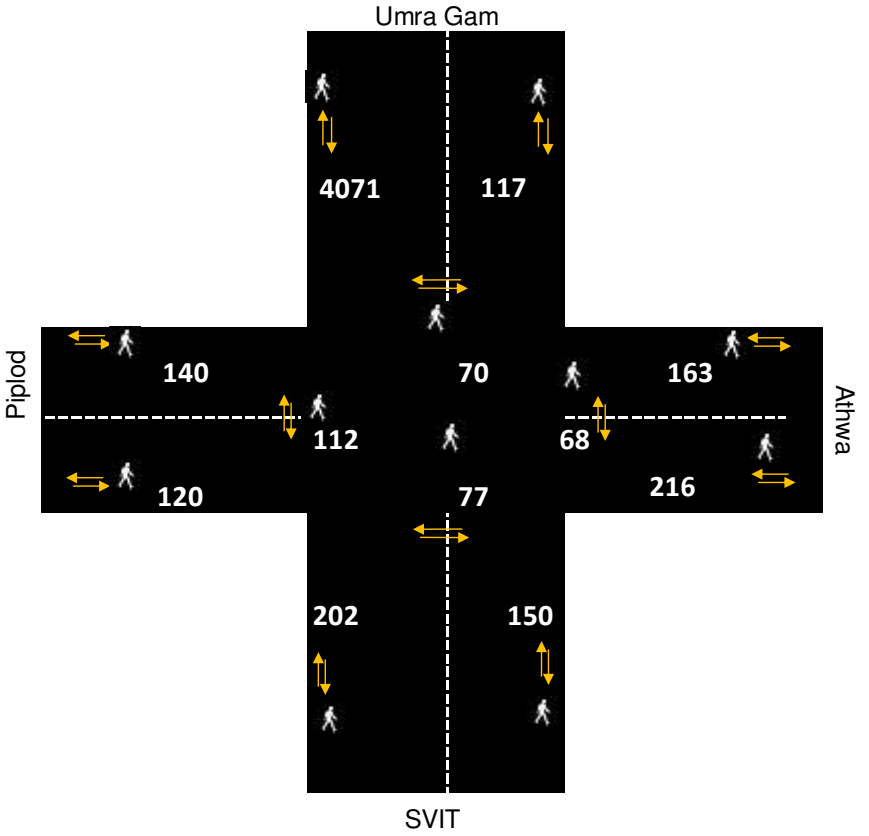
Partune/Tobacco/Wine	0.0%	0.0%	0.1%	0.1%	0.1%	0.0%	0.0%	0.1%
Others (Scrap, Glass, Grass et	3.3%	2.7%	3.4%	3.8%	3.5%	2.8%	7.9%	3.3%
Grand Total	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

3.7 | PEAK HOUR PEDESTRIAN MOVEMENT

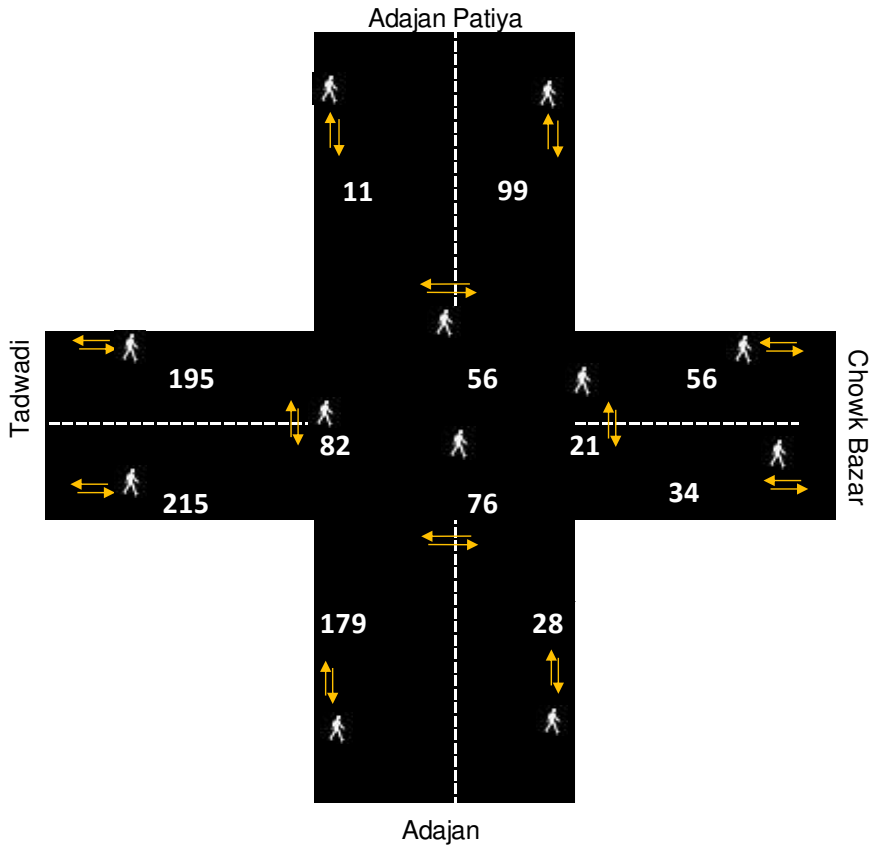
1. Surat City Court (Mid-Block)



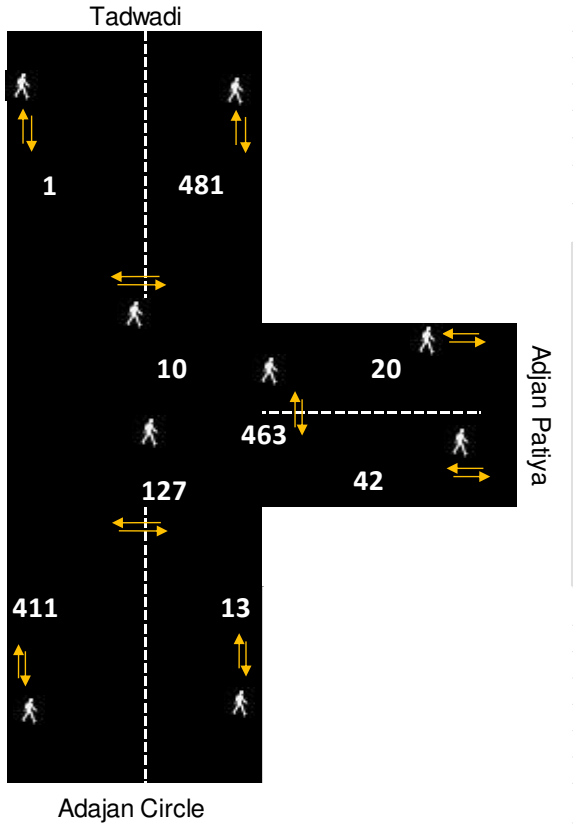
2. Keval Chowk



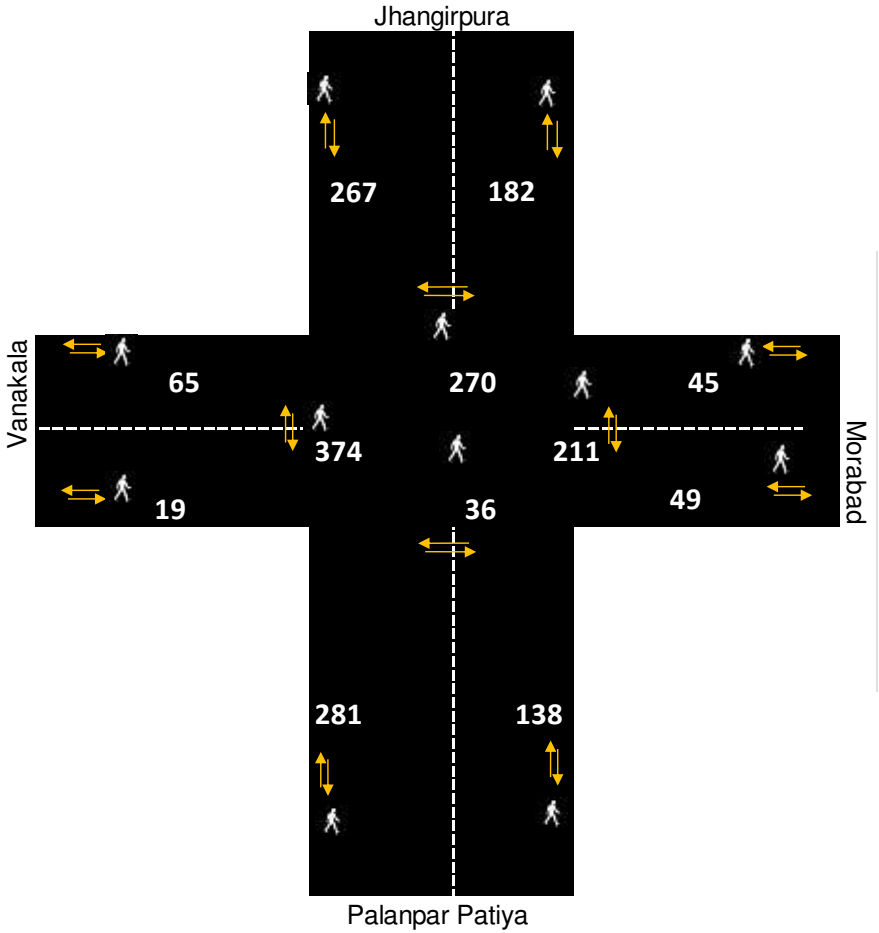
3. Station Chowk



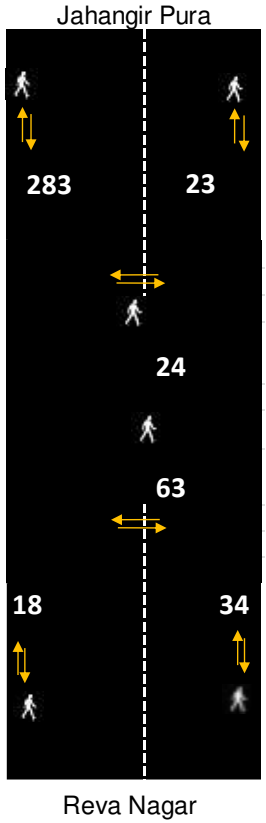
4. Navya Arts College



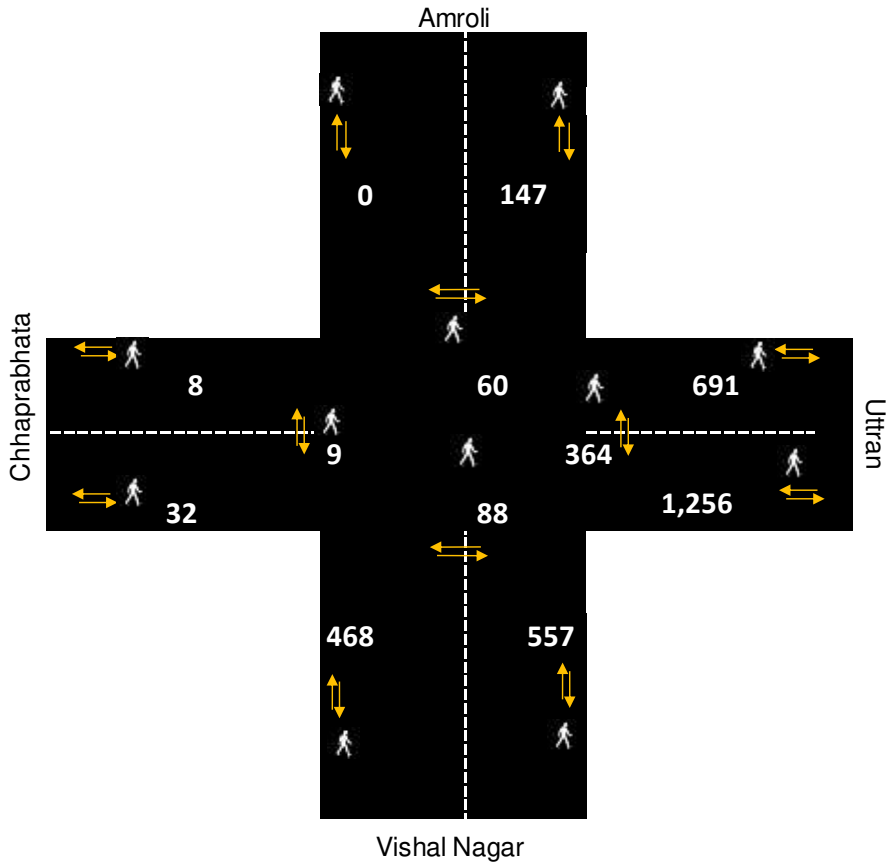
5. Subhash Garden Circle



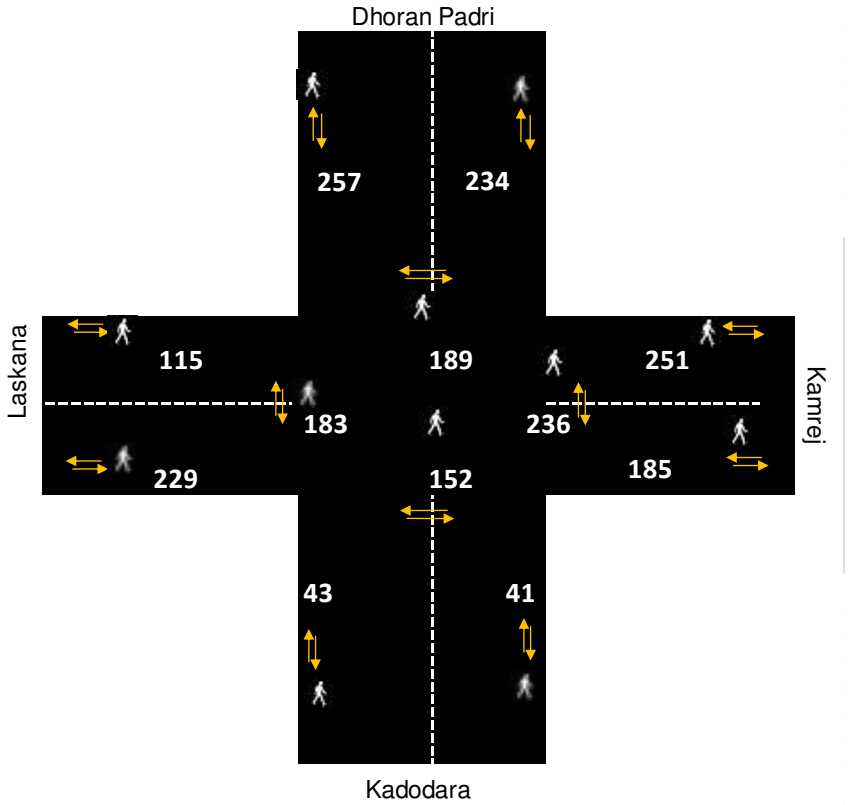
6. Iskon Temple



7. Sayan Road Green RA Junction



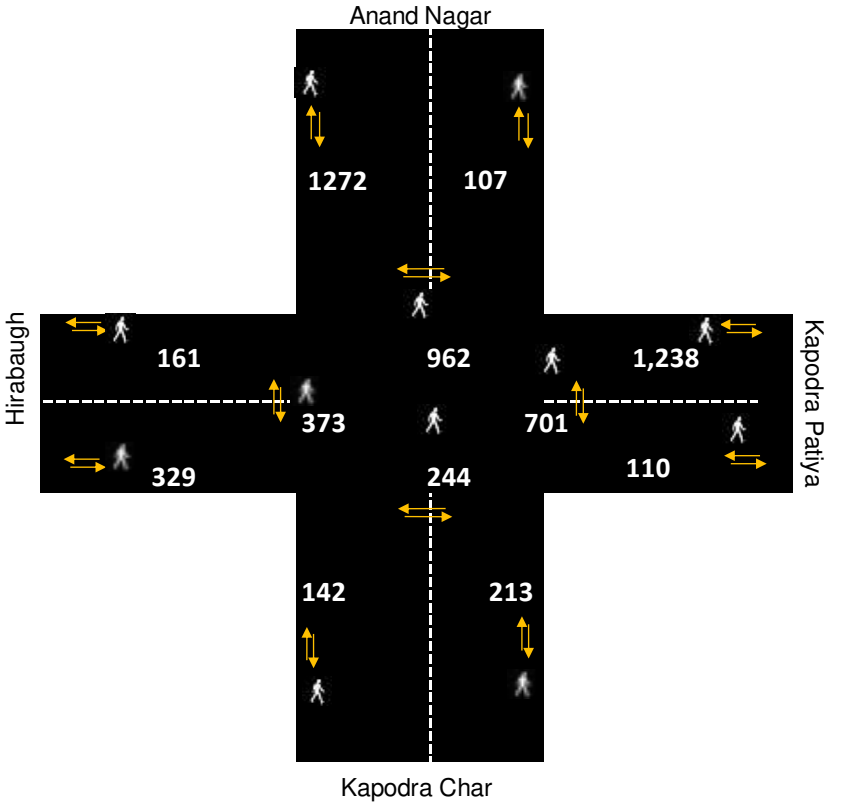
8. Kamrej Cross Road Junction



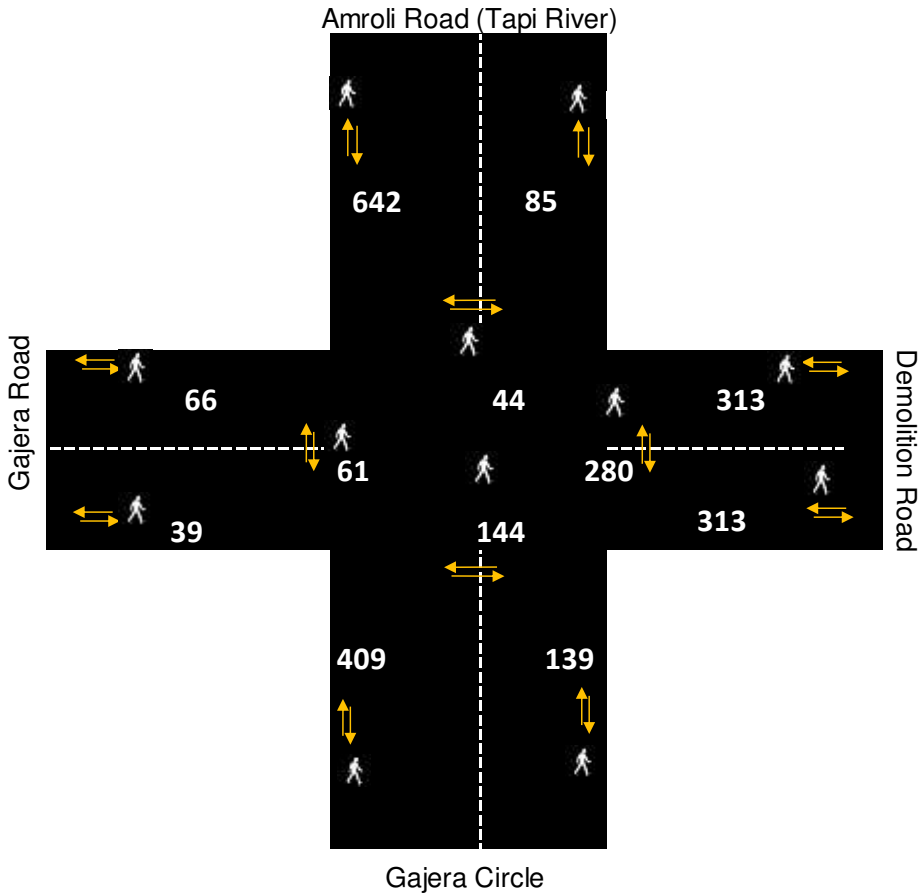
9. Sarathana Nature Park



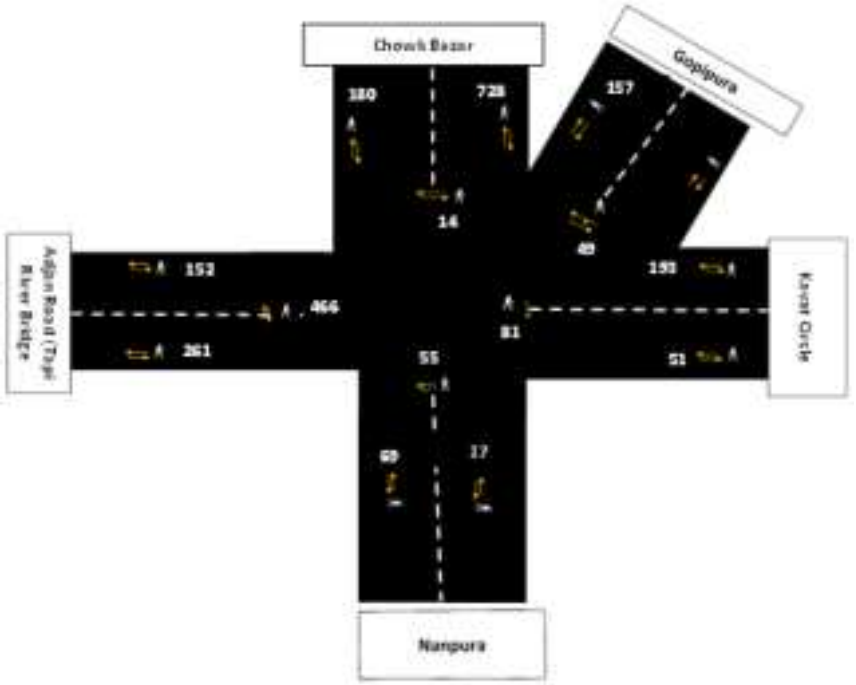
10. Hirabaugh Junction



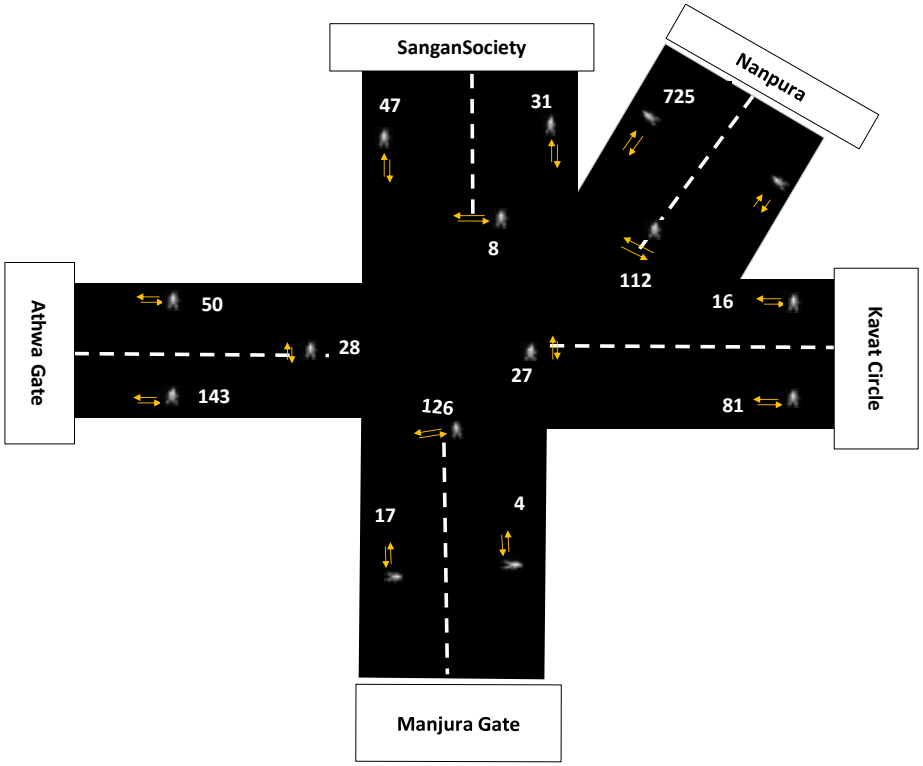
11. Gajera Junction



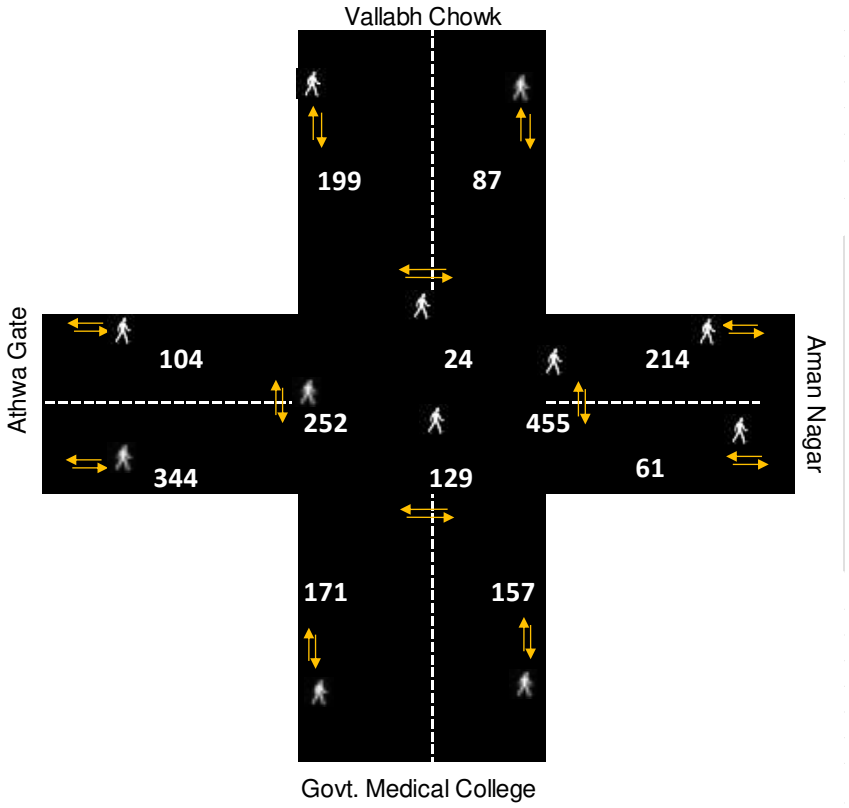
12. Makkai Police Circle



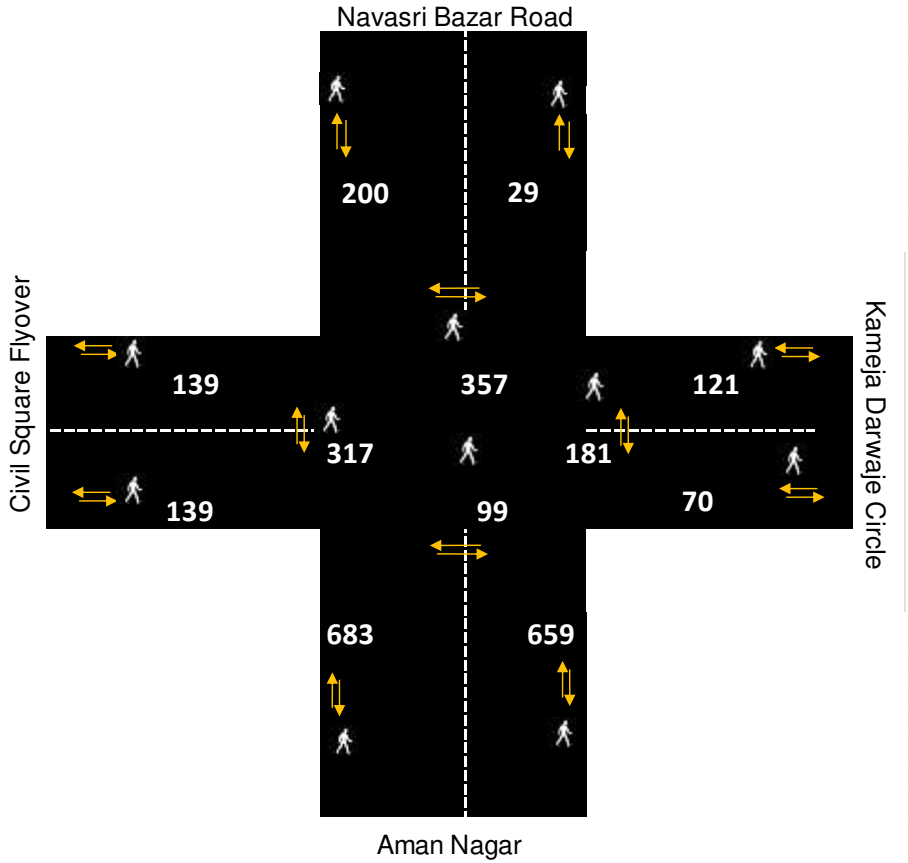
13 Athwa Gate Circle



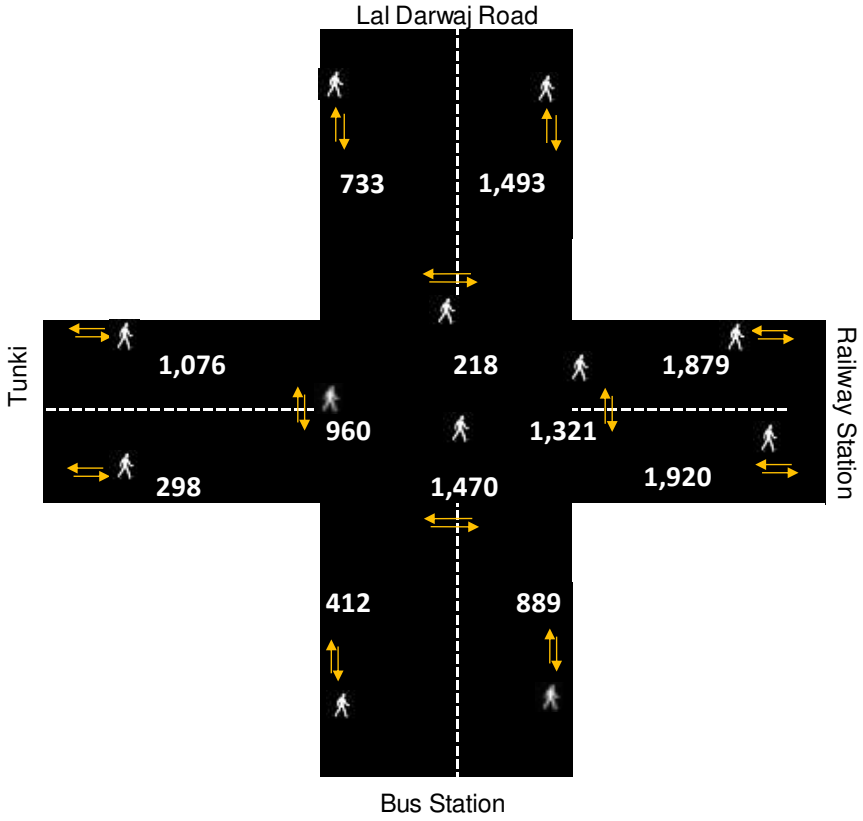
14. Manjura Gate Circle



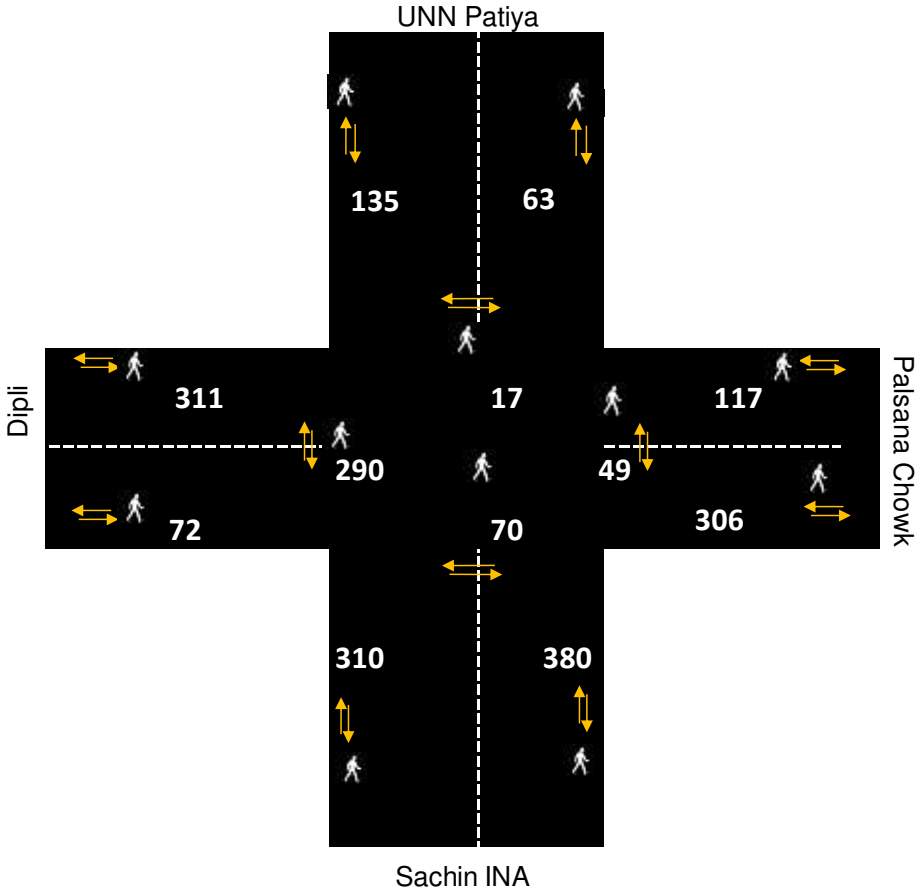
15. Udhana Darwaja Chowk



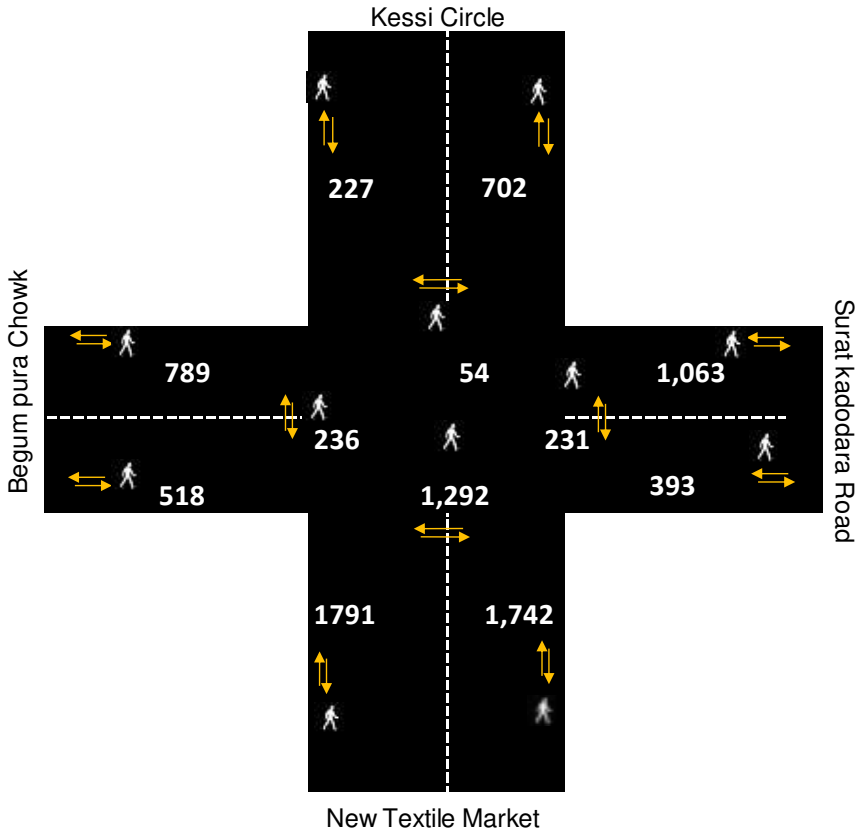
16. Surat Railway Station Junction



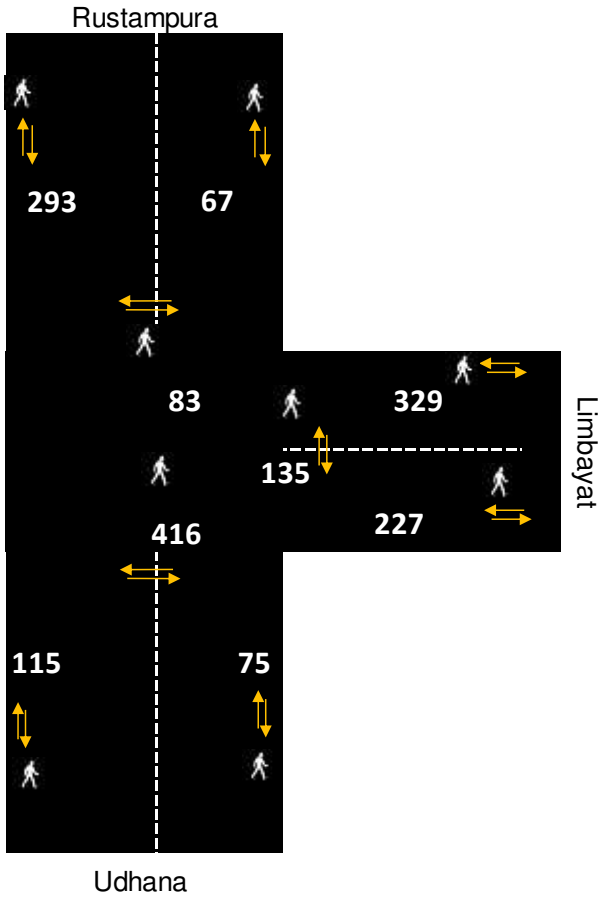
17. Sachin GIDC Main Gate Junction



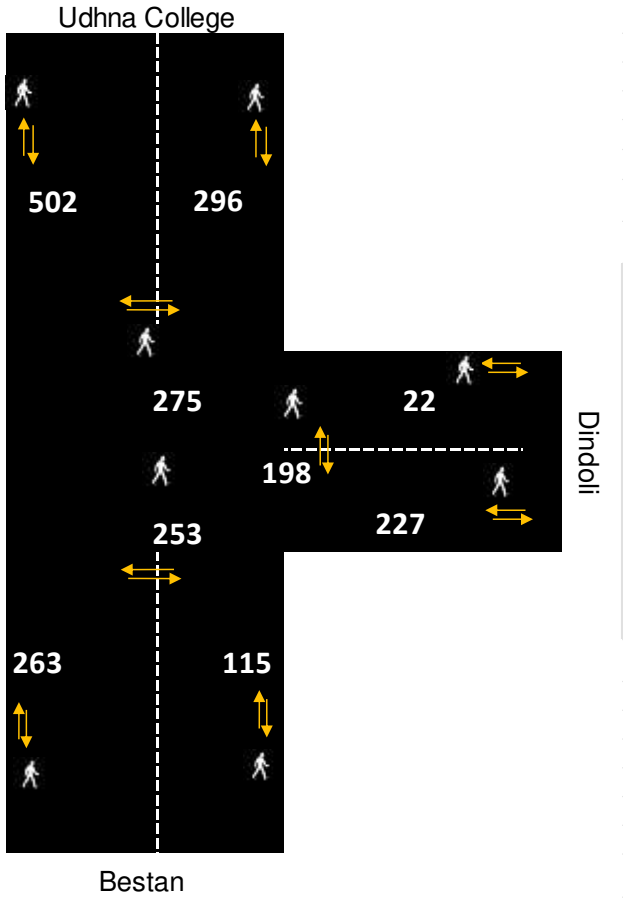
18. Sahara Darwaja Chowk



19. SH-6 & SH-170 Junction, Near Udhana Rasta Harinagar



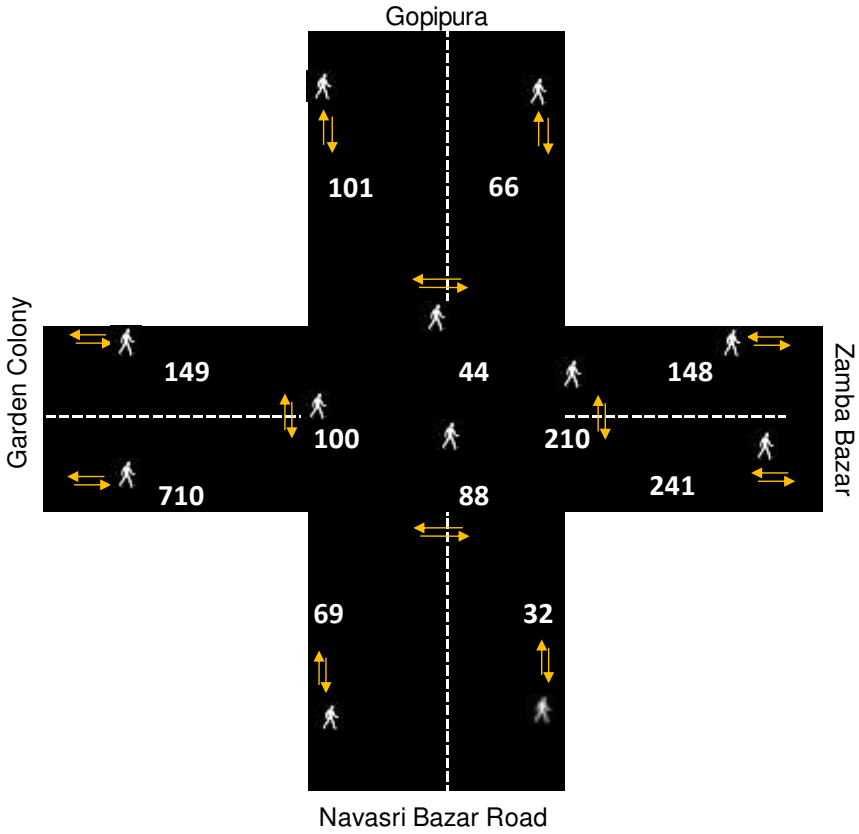
20. VT Podar College, Pandesara BRTS



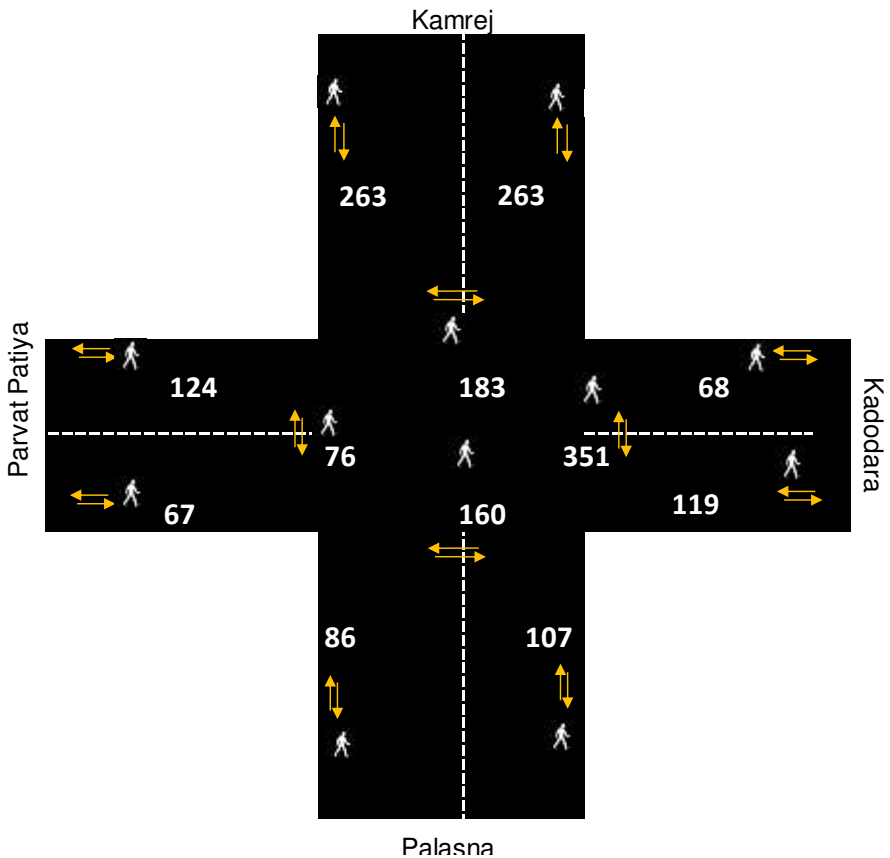
21. Bahumail Complex



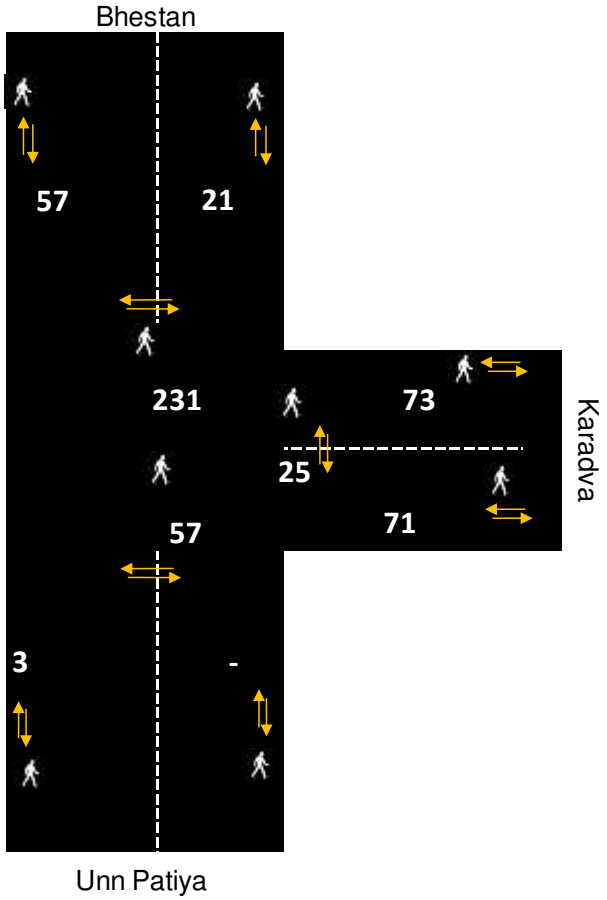
22. Kotsafil Main Road & Navsari Bazar Road Junction



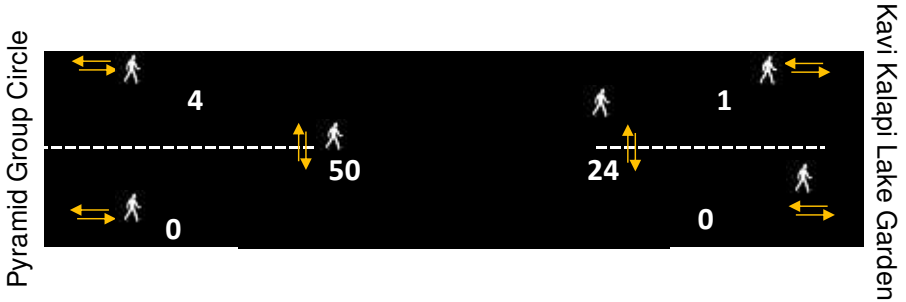
23. Kadora Junction



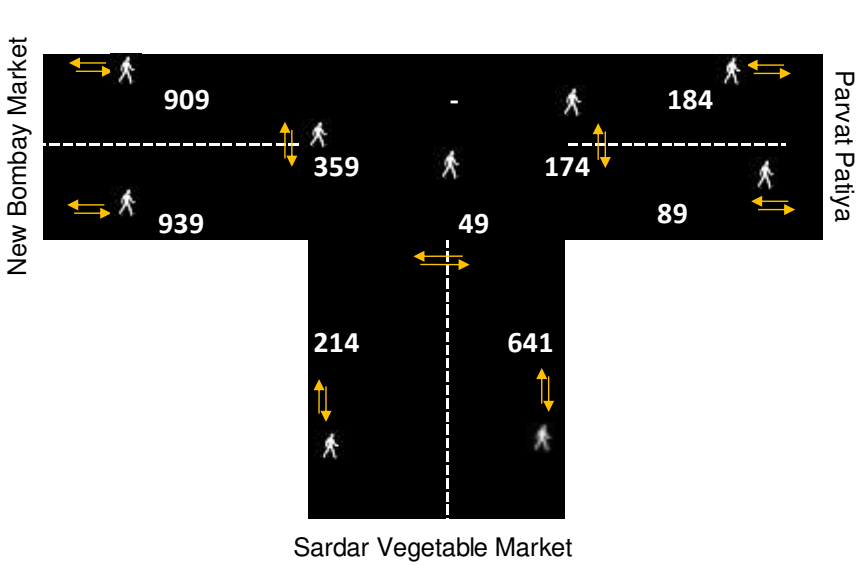
24. Teen Rasta Junction



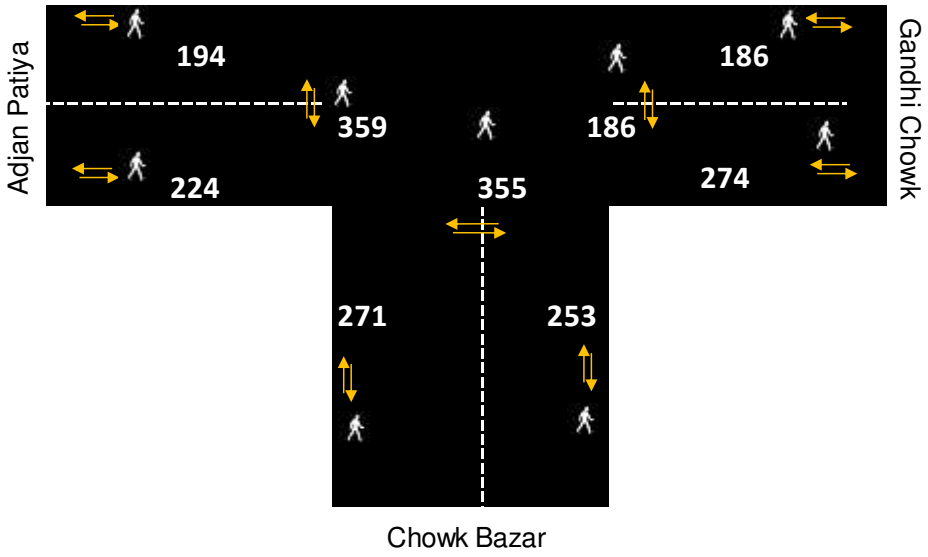
25. Surat RTO Complex



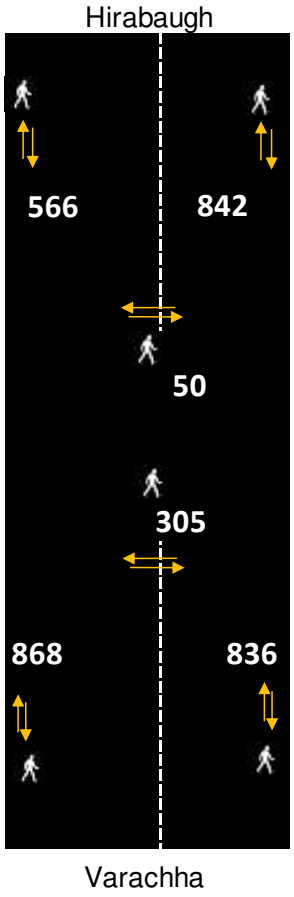
26. Regional Mandi Surat-Bardoli Road



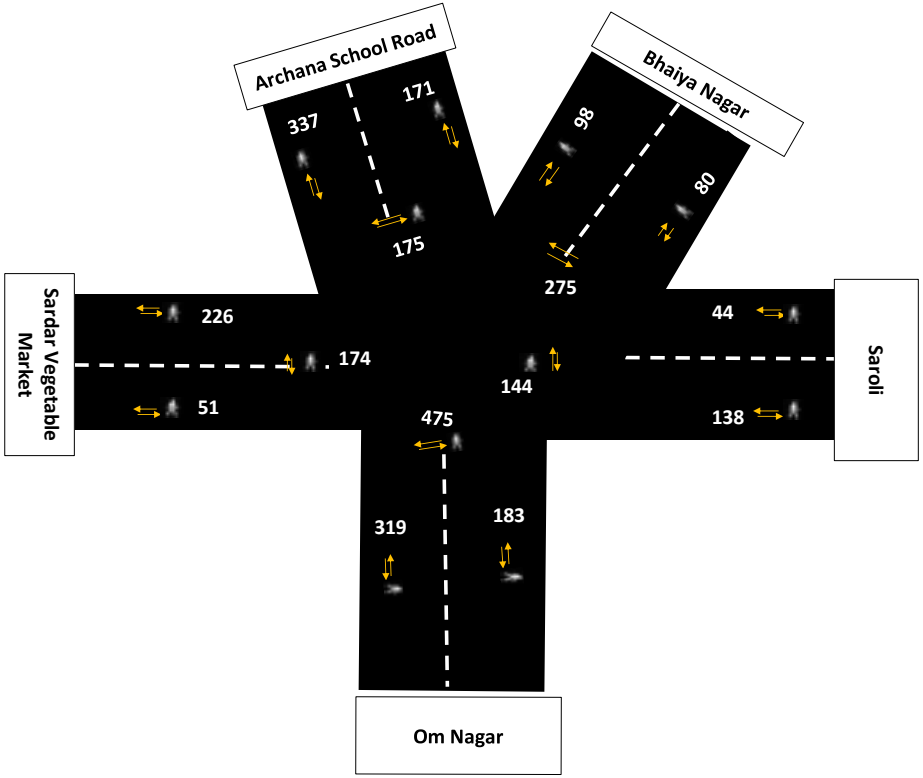
27. Surat Fort



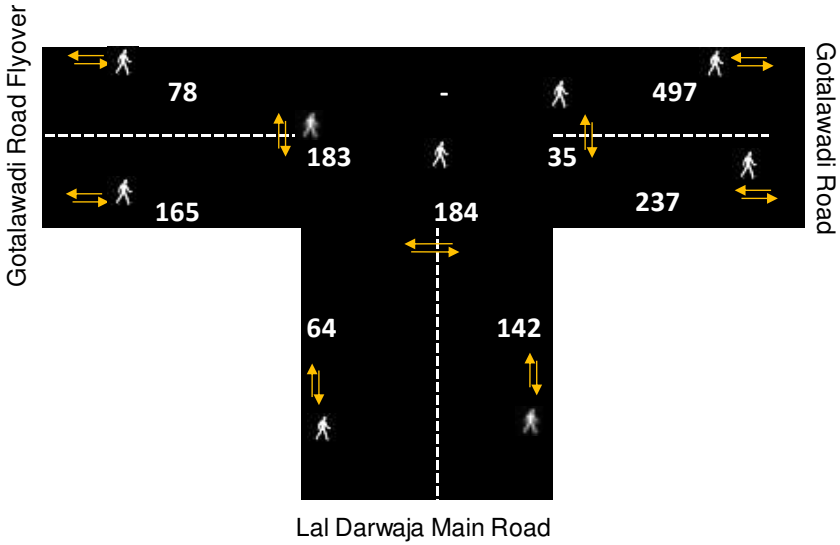
28. Shree Ram Mandir



29. Surat Bardoli Road, Veso Canal Road Junction

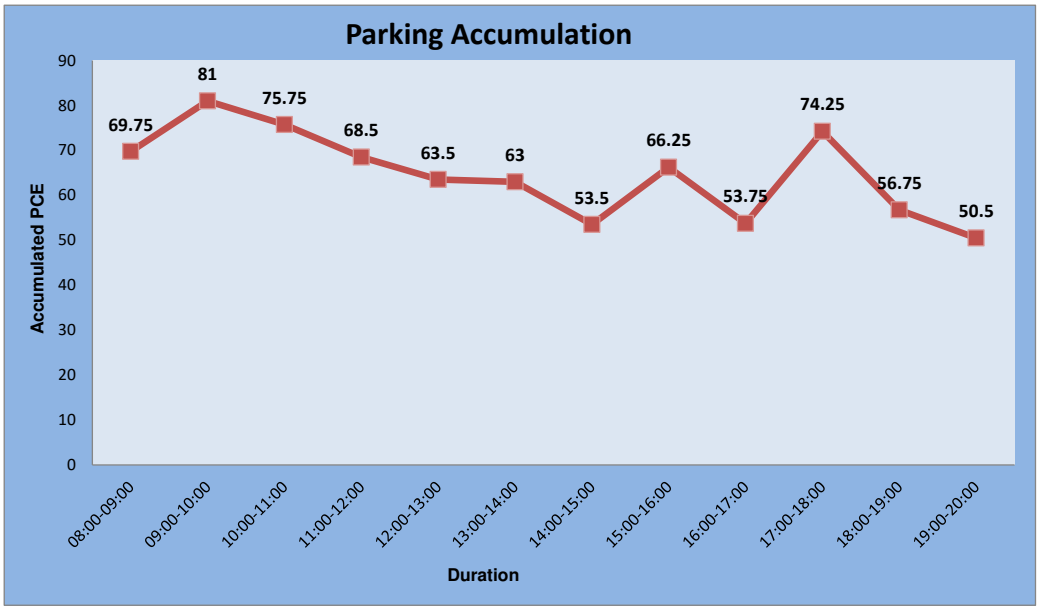


30. Gotalawadi Road & Lal Darwaja Road Junction, Manav Dharma Chowk



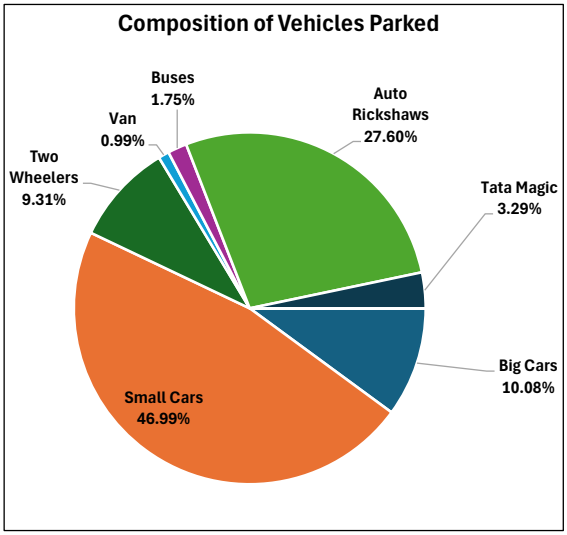
3.8 | PARKING COUNTS

Name of the Road	Surat City Court		**Starting Location**	Amrut Shop
Parking Type	Authorised-Free		**Ending Location**	Indor Stadium Lane Junction
Side	Left Hand Side			



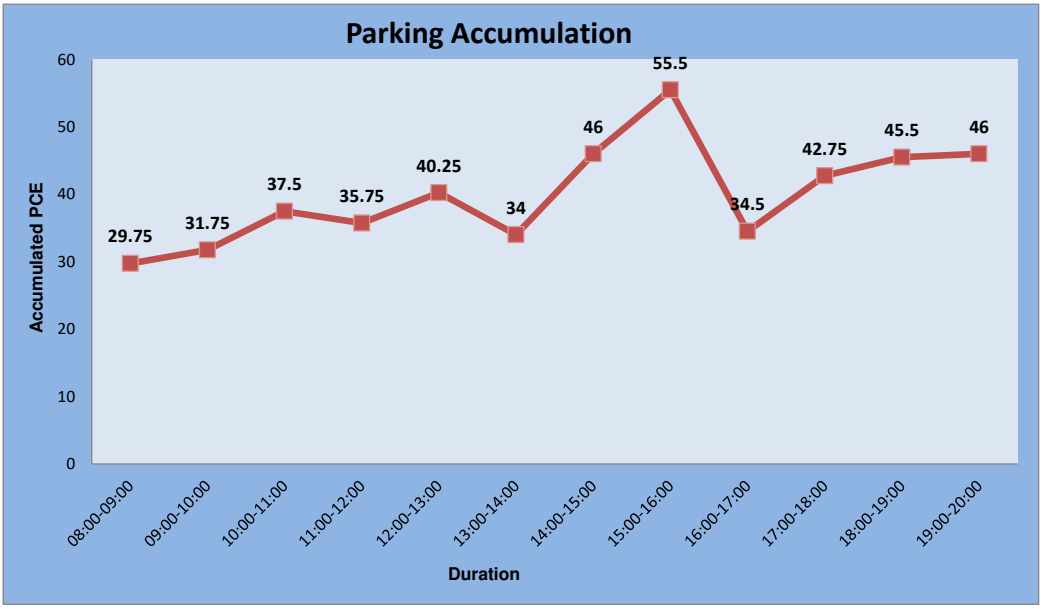
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	574	81%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	90	13%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	36	5%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	7	1%	Long Stay Parking
5	>3 Hours	1	0%	Very Long Stay Parking
Total		**708**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	92
2	Small Cars	429
3	Two Wheelers	85
4	Van	9
5	Buses	16
6	Auto Rickshaws	252
7	Tata Magic	30
8	Share Auto	-
9	Trucks	-
10	MCVs	-
11	LCVs	-
12	Cycles	-
13	Cycle Rickshaws	-
Total		**913**



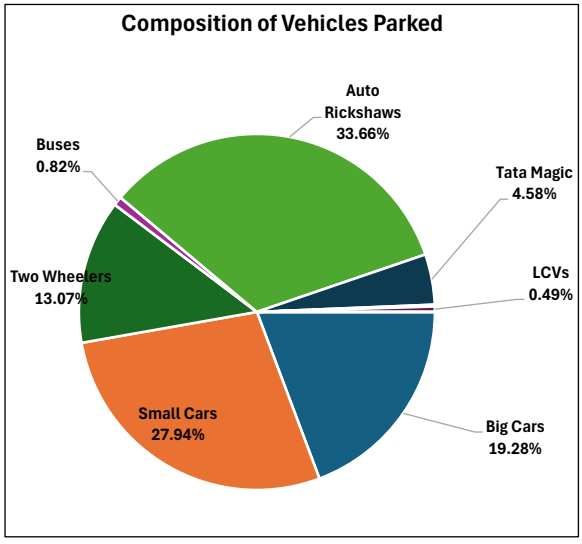
3.8 | PARKING COUNTS

Name of the Road	Surat City Court		**Starting Location**	Indor Stadium lane Junction
Parking Type	Authorised-Free		**Ending Location**	Amrut Shop
Side	Right Hand Side			



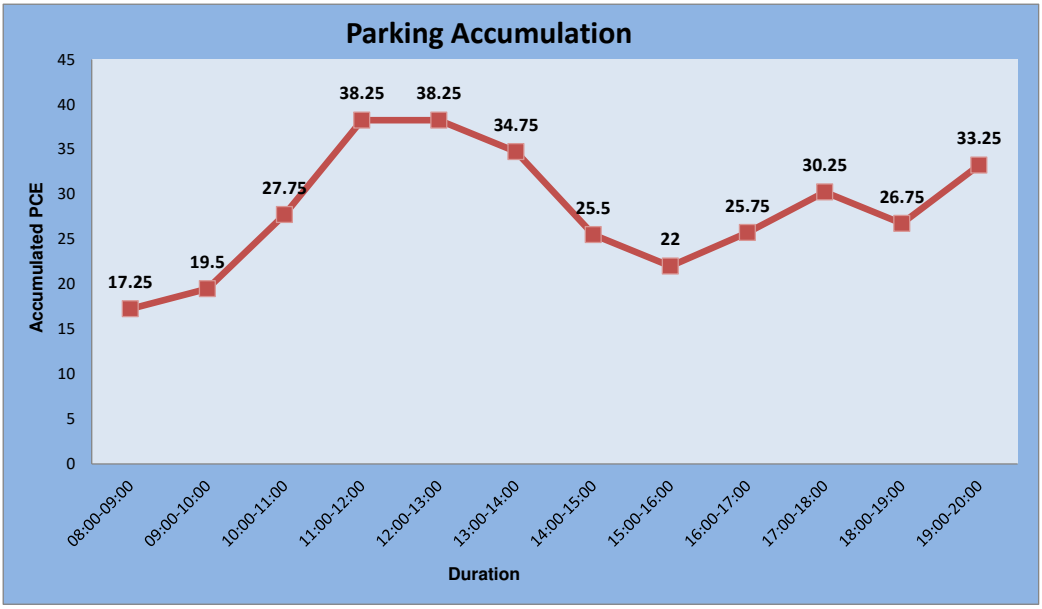
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	483	89%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	49	9%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	8	1%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	1	0%	Long Stay Parking
5	>3 Hours	-	0%	Very Long Stay Parking
Total		**541**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	118
2	Small Cars	171
3	Two Wheelers	80
4	Van	-
5	Buses	5
6	Auto Rickshaws	206
7	Tata Magic	28
8	Share Auto	1
9	Trucks	-
10	MCVs	-
11	LCVs	3
12	Cycles	-
13	Cycle Rickshaws	-
Total		**612**



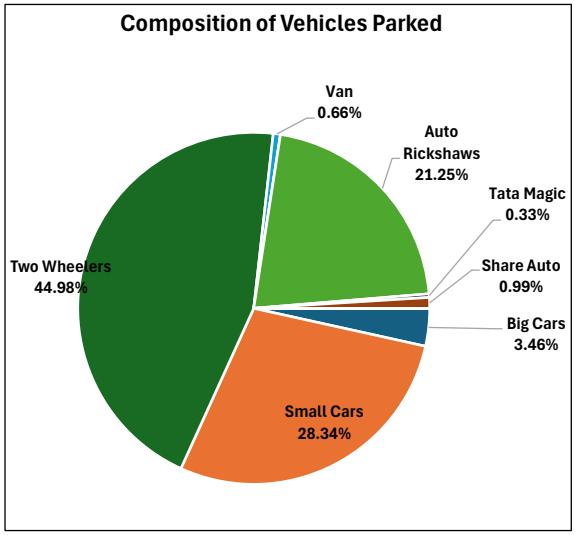
3.8 | PARKING COUNTS

Name of the Road	Adajan Circle		**Starting Location**	Rander Road Delux Shop
Parking Type	Authorised-Free		**Ending Location**	Traffic Signal
Side	Left Hand Side			



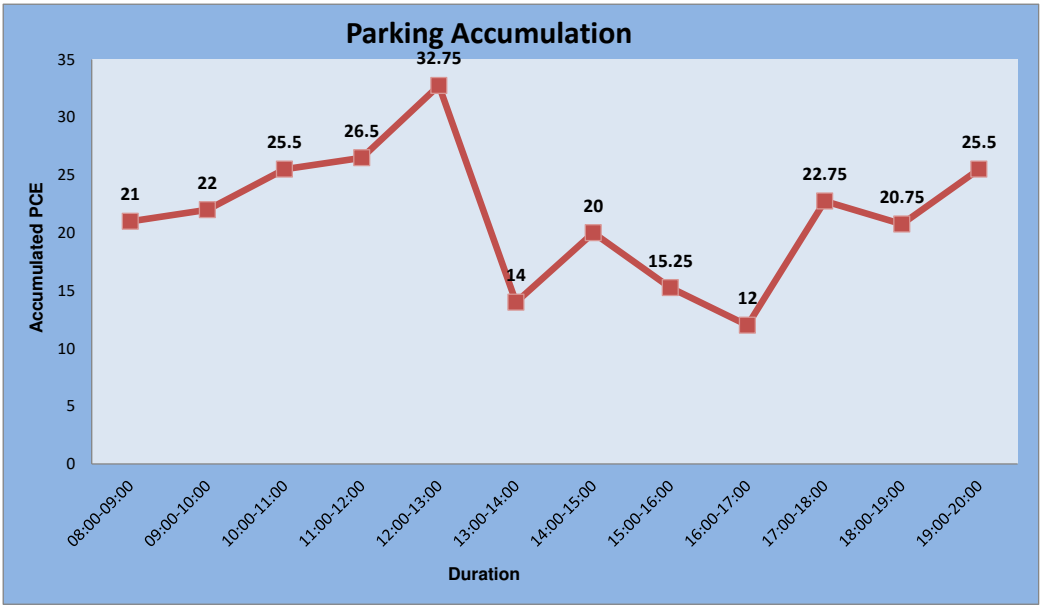
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	133	55%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	44	18%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	29	12%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	14	6%	Long Stay Parking
5	>3 Hours	24	10%	Very Long Stay Parking
Total		**244**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	21
2	Small Cars	172
3	Two Wheelers	273
4	Van	4
5	Buses	-
6	Auto Rickshaws	129
7	Tata Magic	2
8	Share Auto	6
9	Trucks	-
10	MCVs	-
11	LCVs	-
12	Cycles	-
13	Cycle Rickshaws	-
Total		**607**



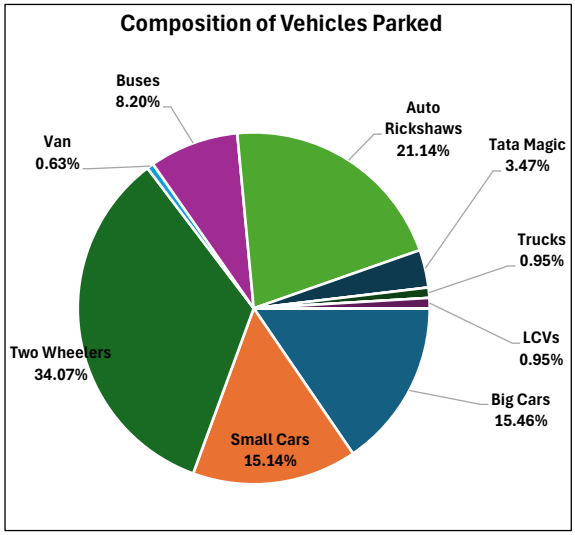
3.8 | PARKING COUNTS

Name of the Road	Adajan Circle		**Starting Location**	Rander Road
Parking Type	Authorised-Free		**Ending Location**	Nehru Bridge
Side	Right Hand Side			



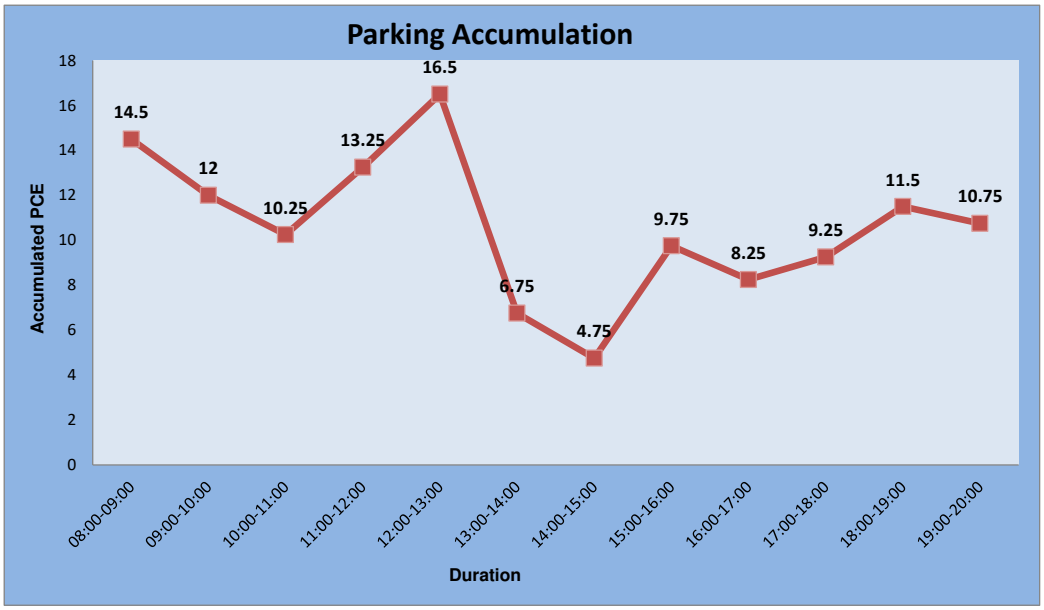
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	232	85%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	41	15%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	1	0%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	-	0%	Long Stay Parking
5	>3 Hours	-	0%	Very Long Stay Parking
Total		**274**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	49
2	Small Cars	48
3	Two Wheelers	108
4	Van	2
5	Buses	26
6	Auto Rickshaws	67
7	Tata Magic	11
8	Share Auto	-
9	Trucks	3
10	MCVs	-
11	LCVs	3
12	Cycles	-
13	Cycle Rickshaws	-
Total		**317**



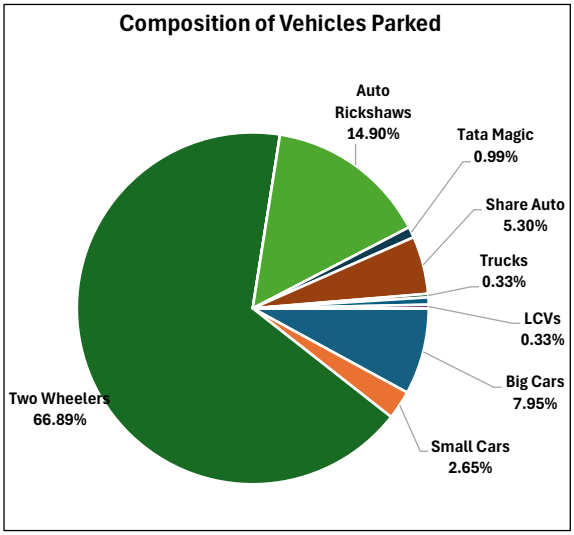
3.8 | PARKING COUNTS

Name of the Road	Amroli Char Rasta		**Starting Location**	BRTS Bus stop
Parking Type	Authorised-Free		**Ending Location**	Amroli Cross Road Jn
Side	Left Hand Side			



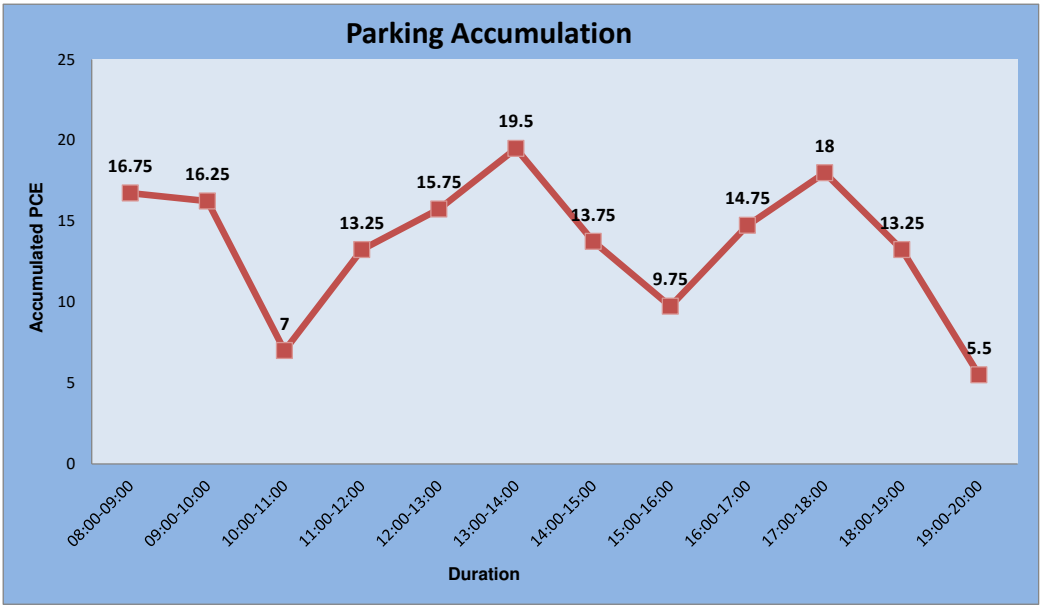
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	190	79%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	45	19%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	7	3%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	-	0%	Long Stay Parking
5	>3 Hours	-	0%	Very Long Stay Parking
Total		**242**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	24
2	Small Cars	8
3	Two Wheelers	202
4	Van	-
5	Buses	-
6	Auto Rickshaws	45
7	Tata Magic	3
8	Share Auto	16
9	Trucks	1
10	MCVs	2
11	LCVs	1
12	Cycles	-
13	Cycle Rickshaws	-
Total		**302**



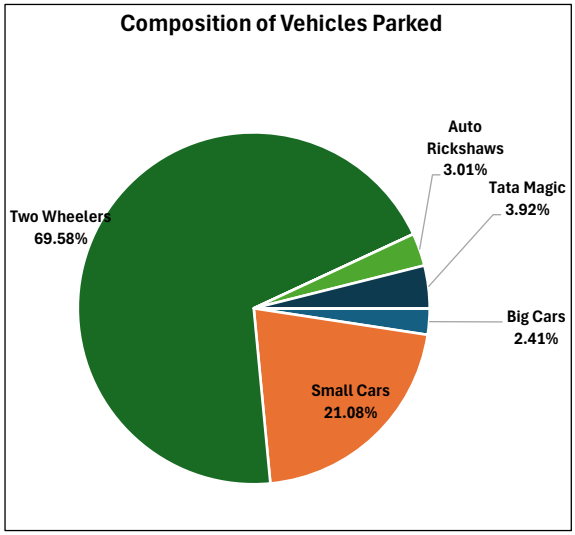
3.8 | PARKING COUNTS

Name of the Road	Amroli Char Rasta		**Starting Location**	BK Home
Parking Type	Authorised-Free		**Ending Location**	Ridham Residency
Side	Right Hand Side			



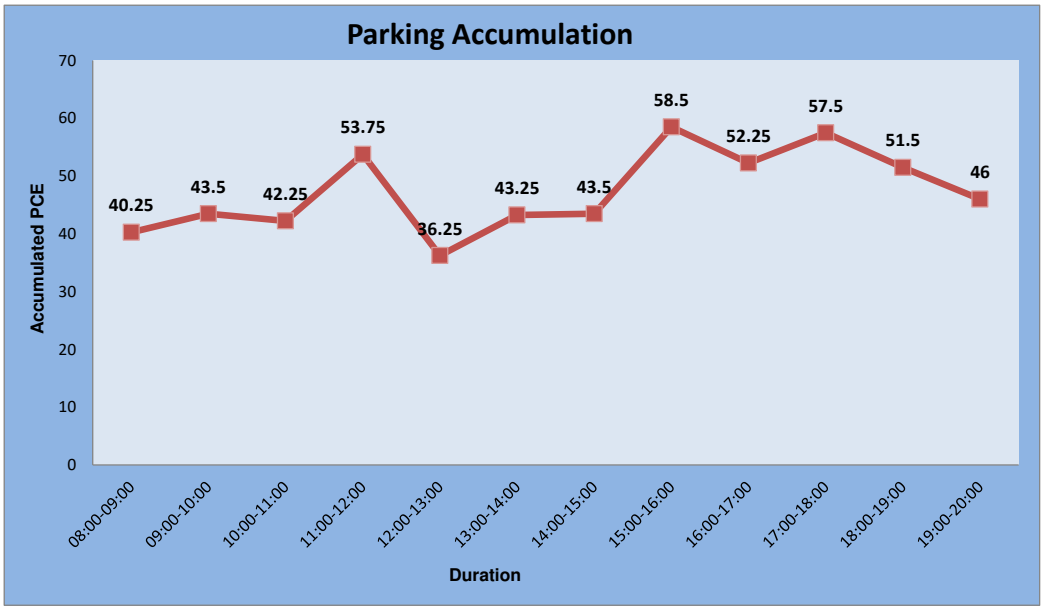
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	117	60%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	50	26%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	20	10%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	8	4%	Long Stay Parking
5	>3 Hours	1	1%	Very Long Stay Parking
Total		**196**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	8
2	Small Cars	70
3	Two Wheelers	231
4	Van	-
5	Buses	-
6	Auto Rickshaws	10
7	Tata Magic	13
8	Share Auto	-
9	Trucks	-
10	MCVs	-
11	LCVs	-
12	Cycles	-
13	Cycle Rickshaws	-
Total		**332**



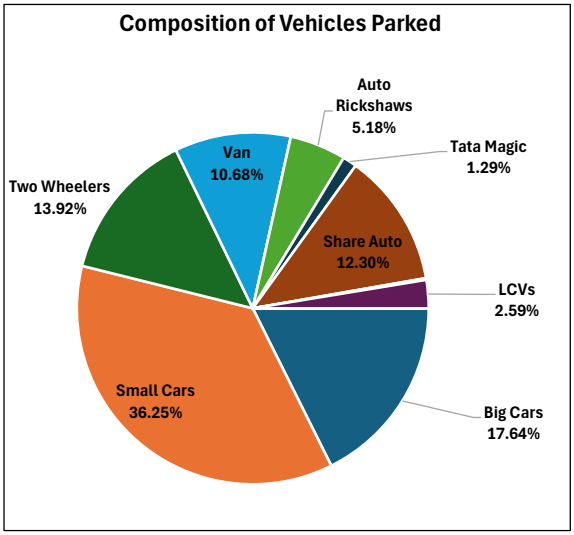
3.8 | PARKING COUNTS

Name of the Road	Kamrej Cross Road Junction	**Starting Location**	Over Bridge to Kantari
Parking Type	Authorised-Free	**Ending Location**	GGKE Mobid to ACXI
Side	Left Hand Side		



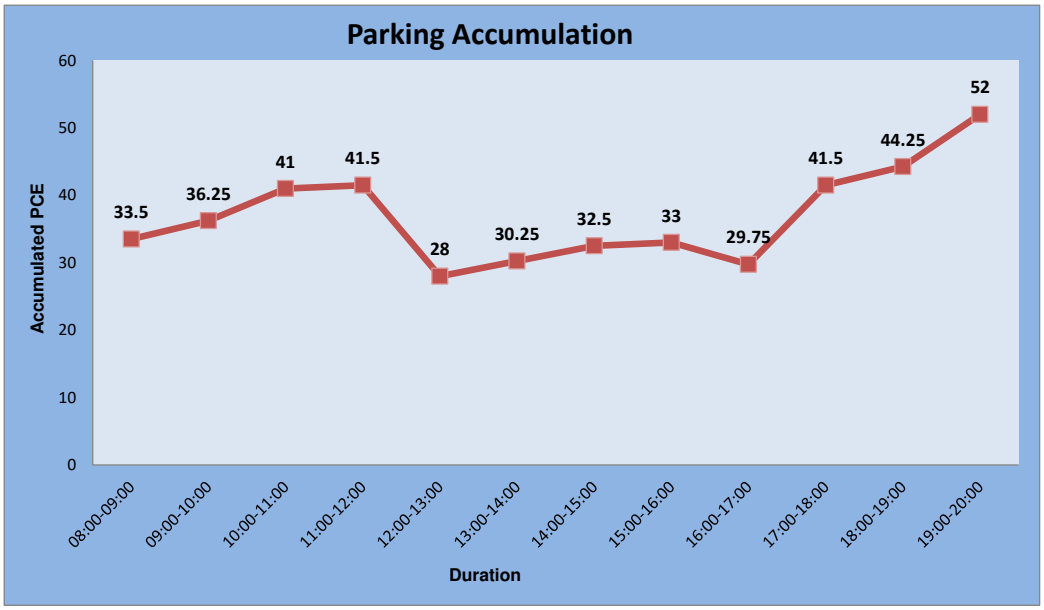
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	486	90%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	41	8%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	10	2%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	3	1%	Long Stay Parking
5	>3 Hours	-	0%	Very Long Stay Parking
Total		**540**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	109
2	Small Cars	224
3	Two Wheelers	86
4	Van	66
5	Buses	-
6	Auto Rickshaws	32
7	Tata Magic	8
8	Share Auto	76
9	Trucks	1
10	MCVs	-
11	LCVs	16
12	Cycles	-
13	Cycle Rickshaws	-
Total		**618**



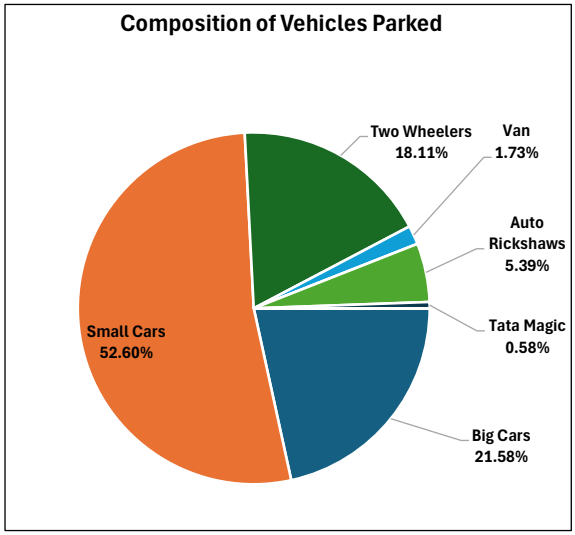
3.8 | PARKING COUNTS

Name of the Road	Kamrej Cross Road Junction	**Starting Location**	er Bridge Debasis Fancy St
Parking Type	Authorised-Free	**Ending Location**	Surat-Kamrej
Side	Right Hand Side		



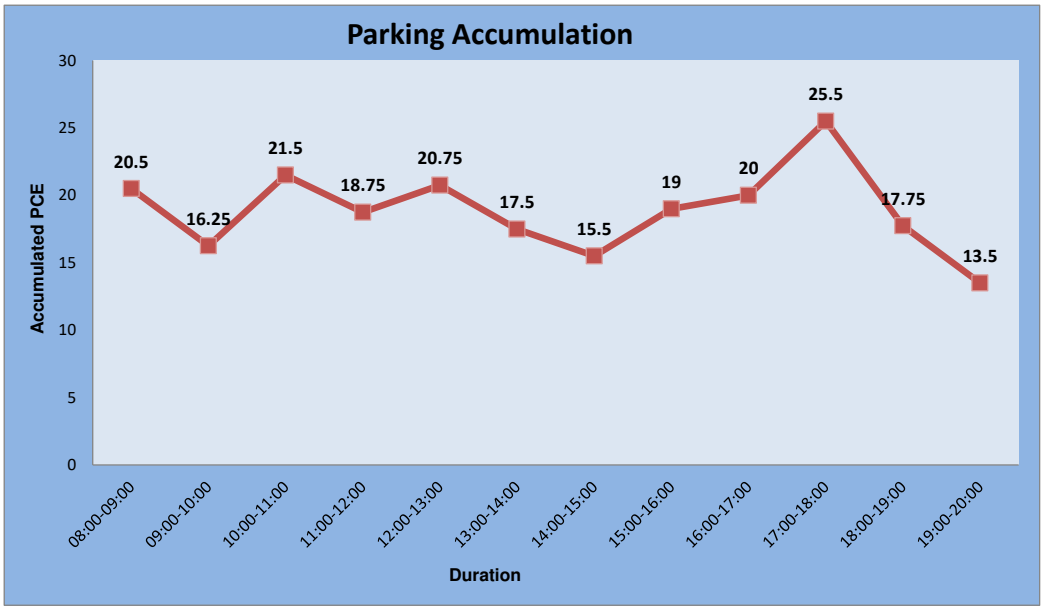
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	410	91%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	24	5%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	18	4%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	1	0%	Long Stay Parking
5	>3 Hours	-	0%	Very Long Stay Parking
Total		**453**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	112
2	Small Cars	273
3	Two Wheelers	94
4	Van	9
5	Buses	-
6	Auto Rickshaws	28
7	Tata Magic	3
8	Share Auto	-
9	Trucks	-
10	MCVs	-
11	LCVs	-
12	Cycles	-
13	Cycle Rickshaws	-
Total		**519**



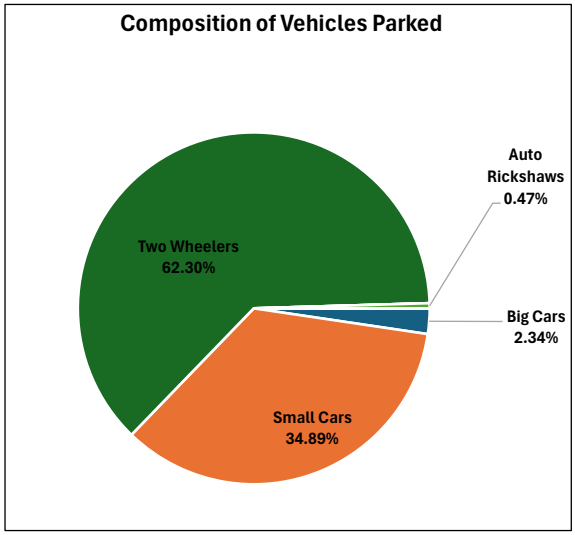
3.8 | PARKING COUNTS

Name of the Road	Iscon Temple Road		**Starting Location**	Iscon Temple Road
Parking Type	Authorised-Free		**Ending Location**	Iskon Circle
Side	Left Hand Side			



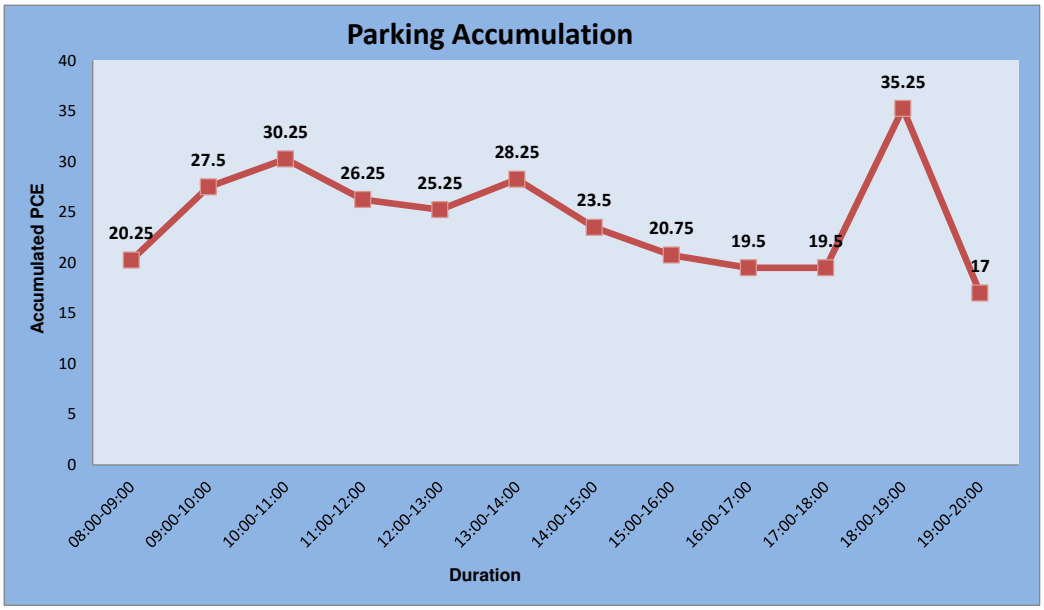
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	369	93%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	22	6%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	4	1%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	-	0%	Long Stay Parking
5	>3 Hours	-	0%	Very Long Stay Parking
Total		**395**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	10
2	Small Cars	149
3	Two Wheelers	266
4	Van	-
5	Buses	-
6	Auto Rickshaws	2
7	Tata Magic	-
8	Share Auto	-
9	Trucks	-
10	MCVs	-
11	LCVs	-
12	Cycles	-
13	Cycle Rickshaws	-
Total		**427**



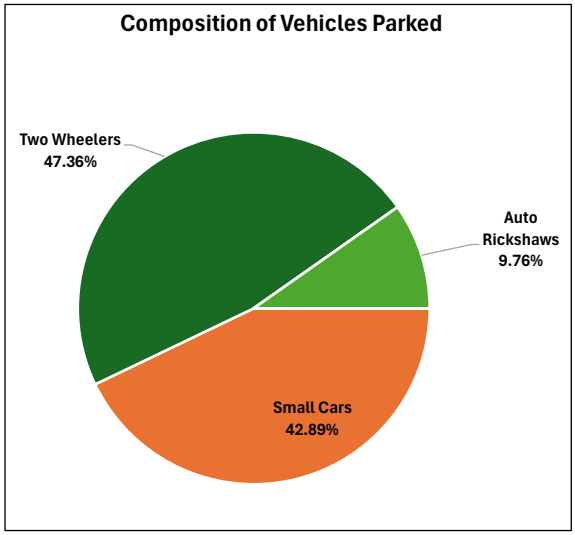
3.8 | PARKING COUNTS

Name of the Road	Iscon Temple Road		**Starting Location**	Iscon Temple Road
Parking Type	Authorised-Free		**Ending Location**	Iscon Circle
Side	Right Hand Side			



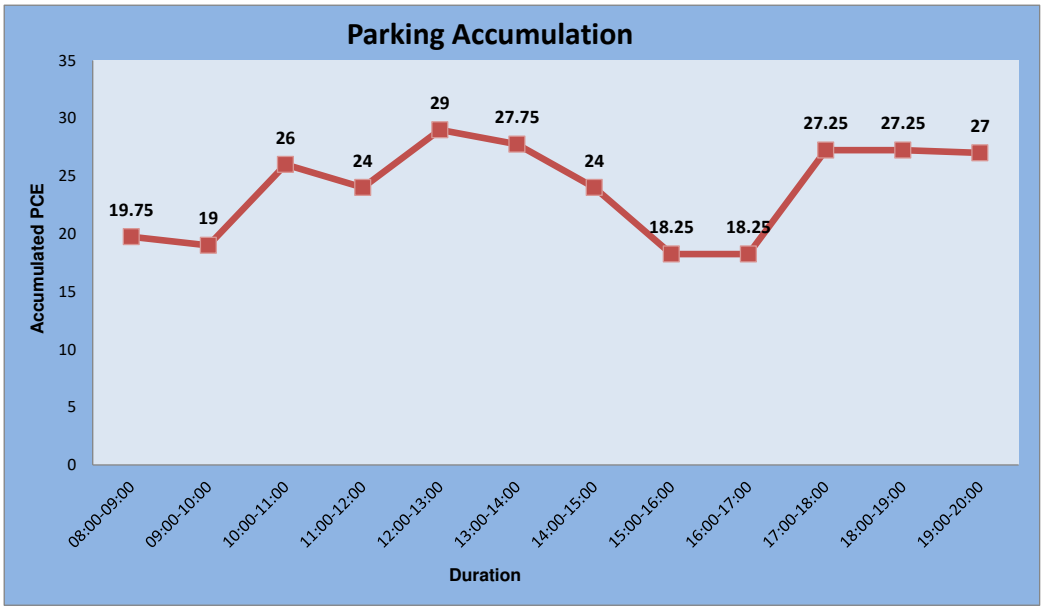
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	358	86%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	40	10%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	15	4%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	1	0%	Long Stay Parking
5	>3 Hours	-	0%	Very Long Stay Parking
Total		**414**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	-
2	Small Cars	211
3	Two Wheelers	233
4	Van	-
5	Buses	-
6	Auto Rickshaws	48
7	Tata Magic	-
8	Share Auto	-
9	Trucks	-
10	MCVs	-
11	LCVs	-
12	Cycles	-
13	Cycle Rickshaws	-
Total		**492**



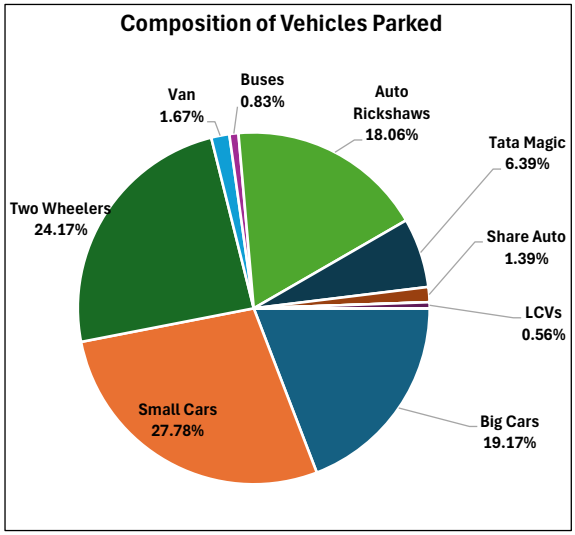
3.8 | PARKING COUNTS

Name of the Road	Subash Garden Circle		**Starting Location**	Chamunda-Dairy
Parking Type	Authorised-Free		**Ending Location**	Gol Carles
Side	Left Hand Side			



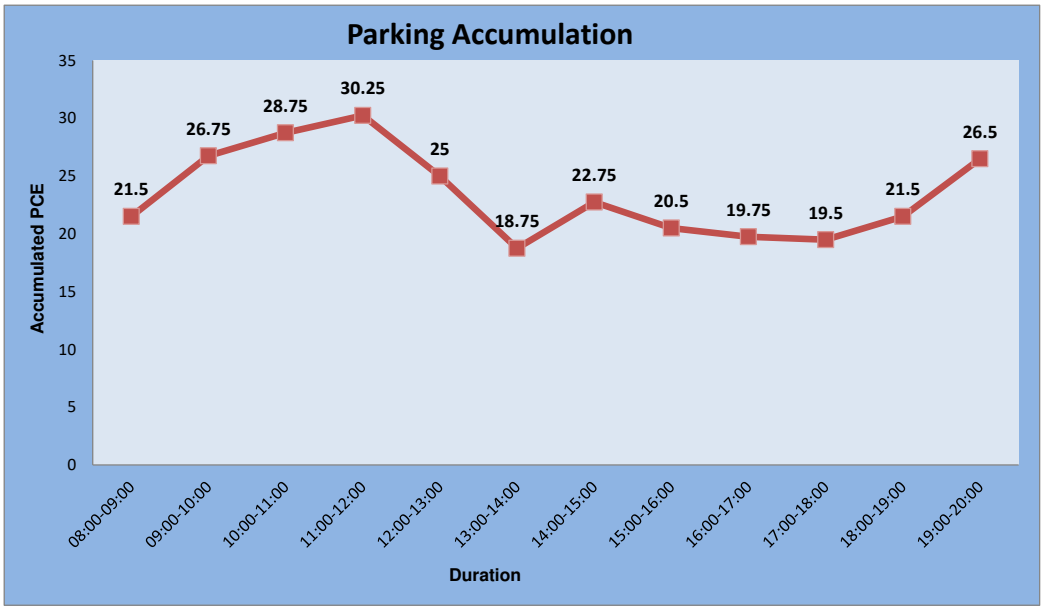
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	243	82%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	50	17%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	3	1%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	1	0%	Long Stay Parking
5	>3 Hours	-	0%	Very Long Stay Parking
Total		**297**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	69
2	Small Cars	100
3	Two Wheelers	87
4	Van	6
5	Buses	3
6	Auto Rickshaws	65
7	Tata Magic	23
8	Share Auto	5
9	Trucks	-
10	MCVs	-
11	LCVs	2
12	Cycles	-
13	Cycle Rickshaws	-
Total		**360**



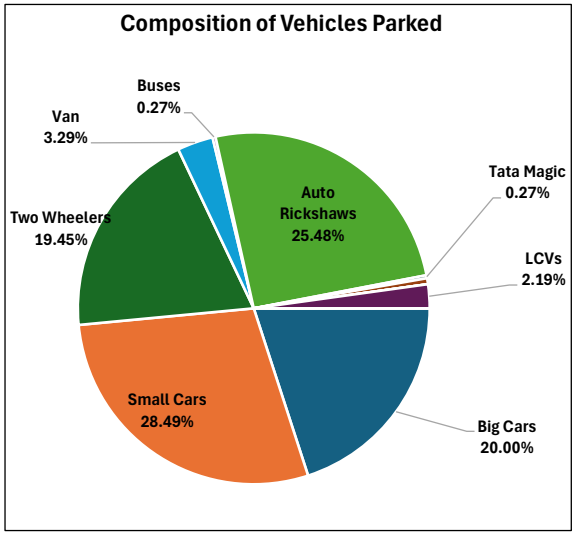
3.8 | PARKING COUNTS

Name of the Road	Subash Garden Circle		**Starting Location**	Chamunda Dairy
Parking Type	Authorised-Free		**Ending Location**	Gol Carles
Side	Right Hand Side			



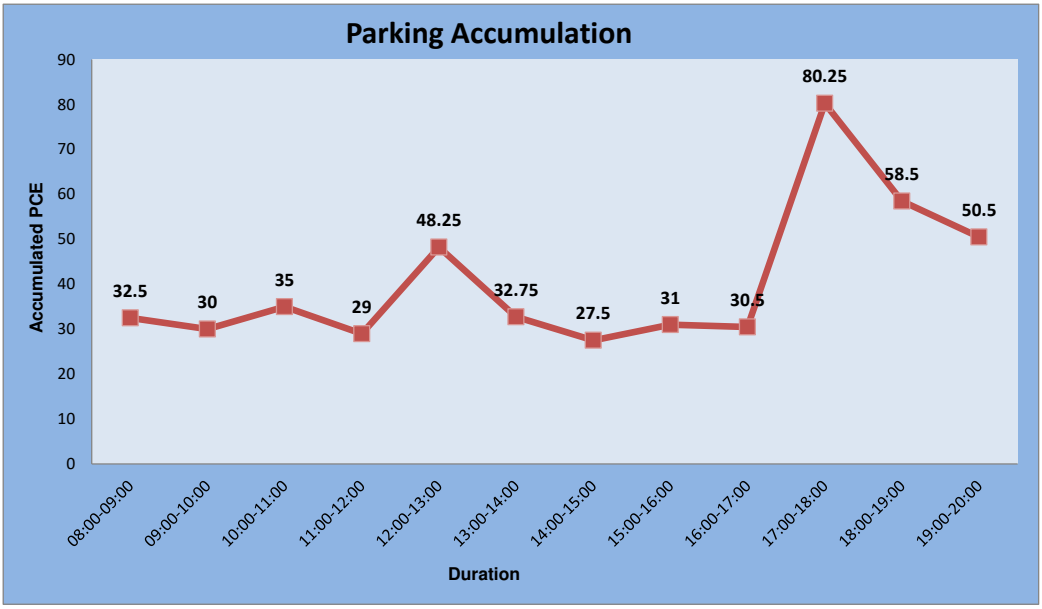
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	231	79%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	53	18%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	8	3%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	-	0%	Long Stay Parking
5	>3 Hours	-	0%	Very Long Stay Parking
Total		**292**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	73
2	Small Cars	104
3	Two Wheelers	71
4	Van	12
5	Buses	1
6	Auto Rickshaws	93
7	Tata Magic	1
8	Share Auto	2
9	Trucks	-
10	MCVs	-
11	LCVs	8
12	Cycles	-
13	Cycle Rickshaws	-
Total		**365**



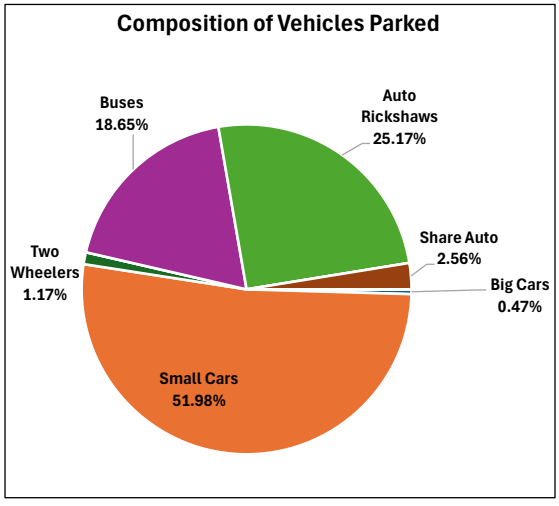
3.8 | PARKING COUNTS

Name of the Road	Surat Railway Station		**Starting Location**	Auto Stand
Parking Type	Authorised-Free		**Ending Location**	Dep Pan Sohoa
Side	Left Hand Side			



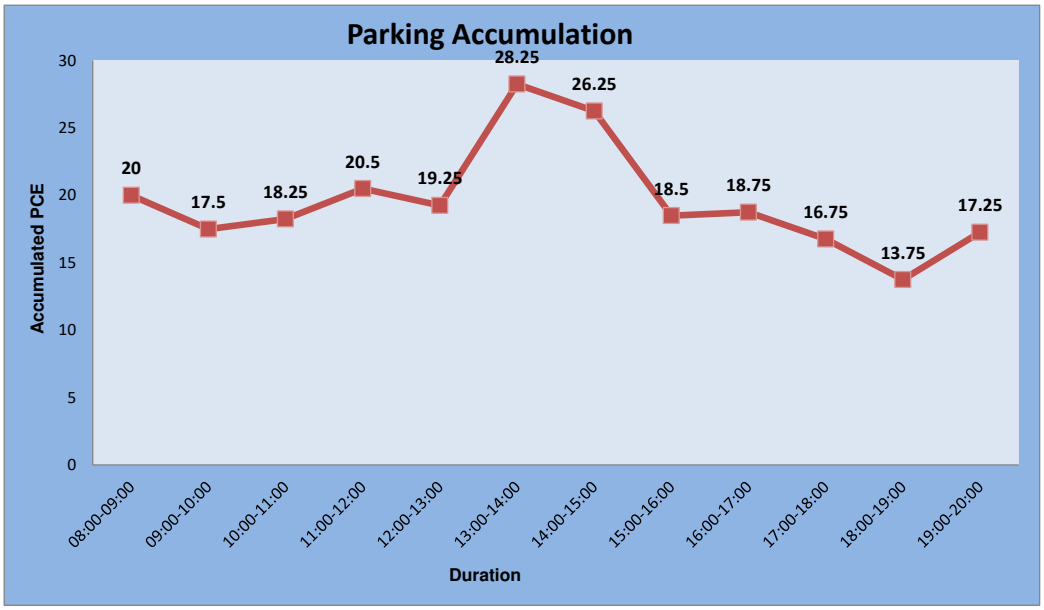
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	284	87%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	28	9%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	6	2%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	1	0%	Long Stay Parking
5	>3 Hours	7	2%	Very Long Stay Parking
Total		**326**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	2
2	Small Cars	223
3	Two Wheelers	5
4	Van	-
5	Buses	80
6	Auto Rickshaws	108
7	Tata Magic	-
8	Share Auto	11
9	Trucks	-
10	MCVs	-
11	LCVs	-
12	Cycles	-
13	Cycle Rickshaws	-
Total		**429**



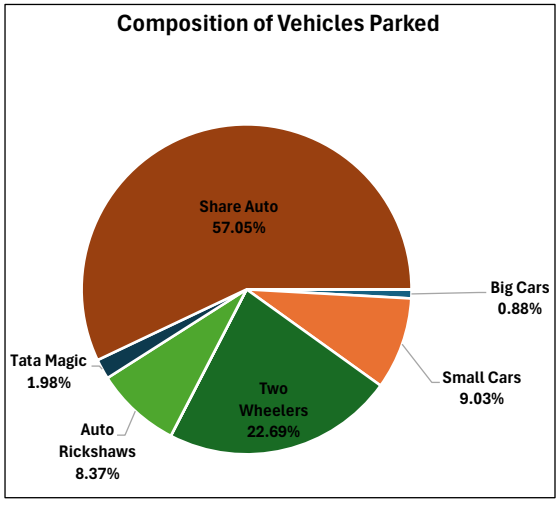
3.8 | PARKING COUNTS

Name of the Road	Surat Railway Station		**Starting Location**	Tirupati Hotel
Parking Type	Authorised-Free		**Ending Location**	Diamond Guest House
Side	Right Hand Side			



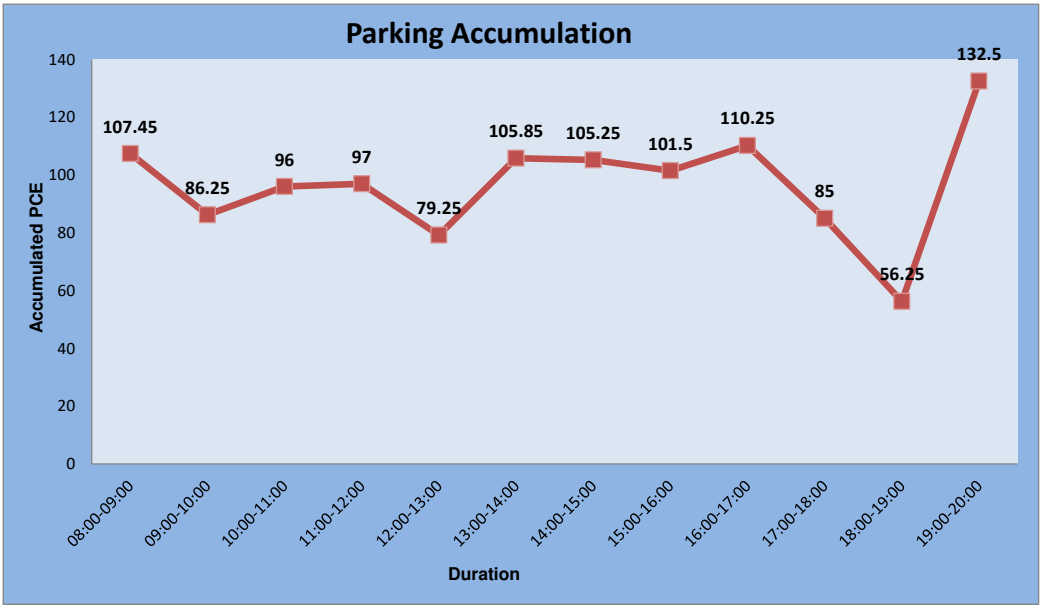
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	299	83%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	43	12%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	14	4%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	3	1%	Long Stay Parking
5	>3 Hours	1	0%	Very Long Stay Parking
Total		**360**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	4
2	Small Cars	41
3	Two Wheelers	103
4	Van	-
5	Buses	-
6	Auto Rickshaws	38
7	Tata Magic	9
8	Share Auto	259
9	Trucks	-
10	MCVs	-
11	LCVs	-
12	Cycles	-
13	Cycle Rickshaws	-
Total		**454**



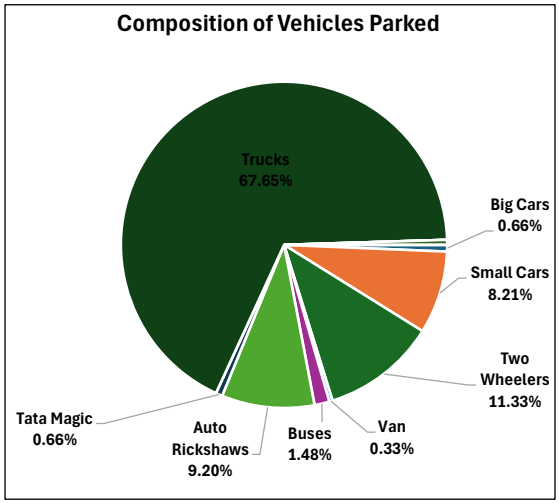
3.8 | PARKING COUNTS

Name of the Road	Reliance Gate-1		**Starting Location**	Reliance Petrol Pump
Parking Type	Authorised-Free		**Ending Location**	Over Bridge
Side	Left Hand Side			



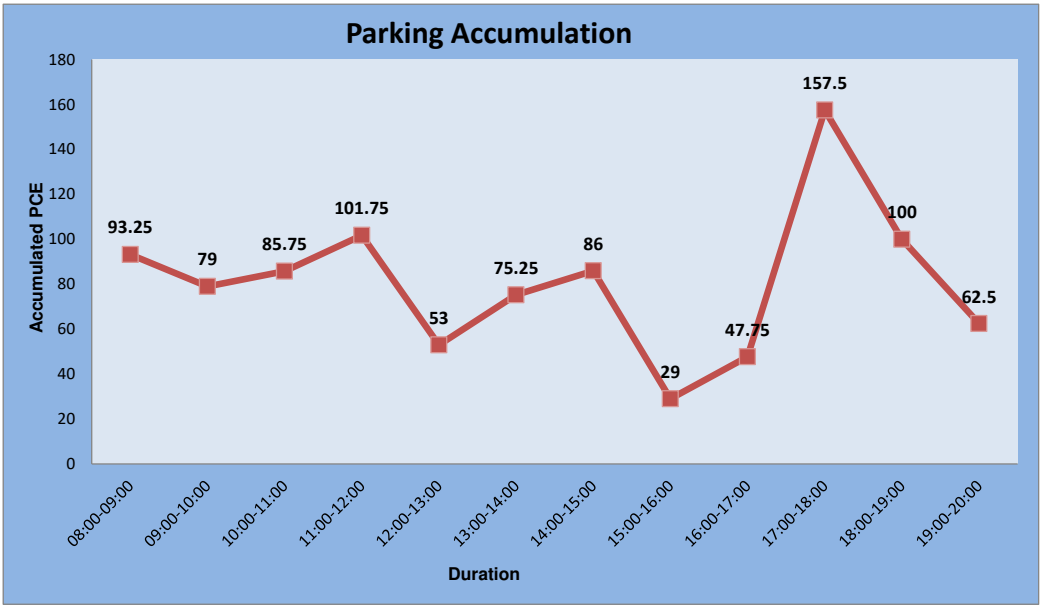
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	97	36%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	91	34%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	54	20%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	19	7%	Long Stay Parking
5	>3 Hours	6	2%	Very Long Stay Parking
Total		**267**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	4
2	Small Cars	50
3	Two Wheelers	69
4	Van	2
5	Buses	9
6	Auto Rickshaws	56
7	Tata Magic	4
8	Share Auto	-
9	Trucks	412
10	MCVs	-
11	LCVs	-
12	Cycles	3
13	Cycle Rickshaws	-
Total		**609**



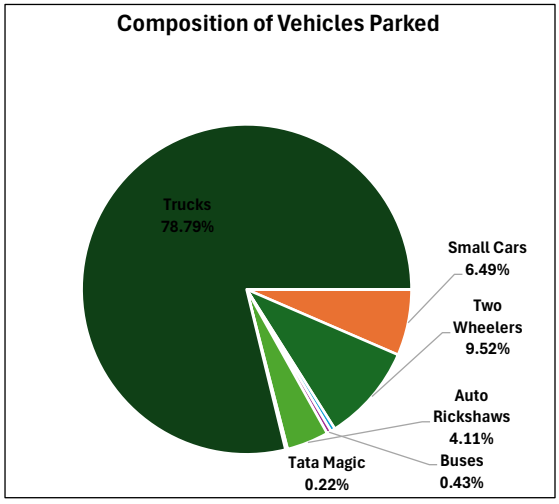
3.8 | PARKING COUNTS

Name of the Road	Reliance Gate-1		**Starting Location**	Over Bridge
Parking Type	Authorised-Free		**Ending Location**	Reliance Petrol Pump
Side	Right Hand Side			



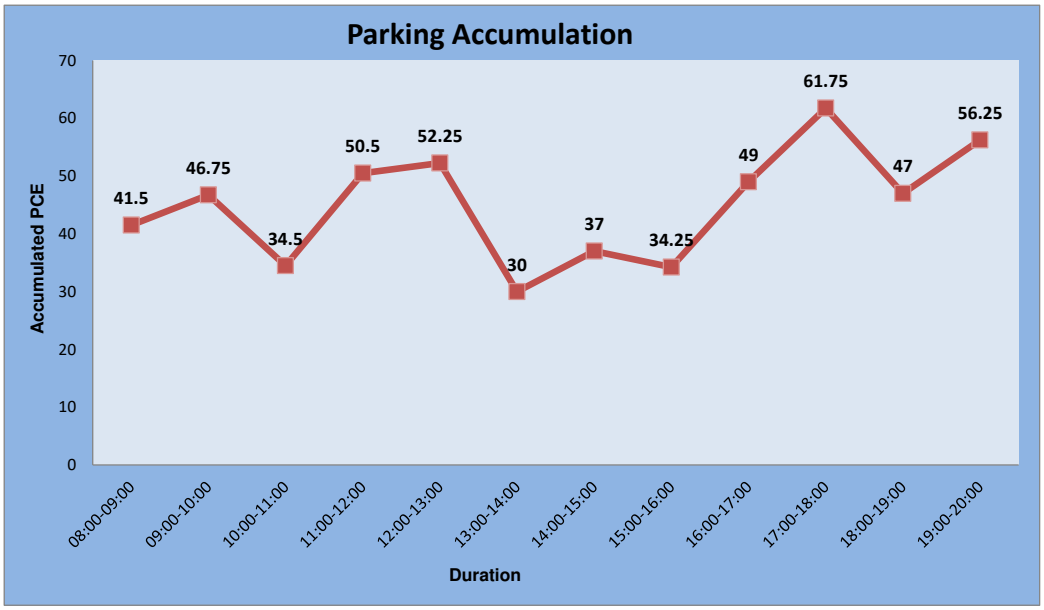
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	55	32%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	51	29%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	44	25%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	13	7%	Long Stay Parking
5	>3 Hours	11	6%	Very Long Stay Parking
Total		**174**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	-
2	Small Cars	30
3	Two Wheelers	44
4	Van	2
5	Buses	2
6	Auto Rickshaws	19
7	Tata Magic	1
8	Share Auto	-
9	Trucks	364
10	MCVs	-
11	LCVs	-
12	Cycles	-
13	Cycle Rickshaws	-
Total		**462**



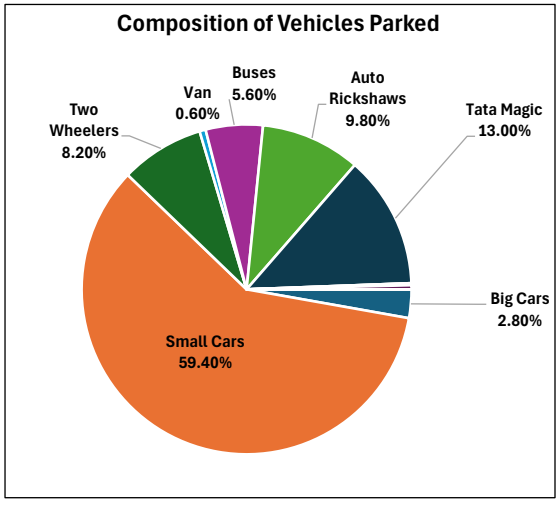
3.8 | PARKING COUNTS

Name of the Road	Keval Chowk		**Starting Location**	Lal Bunglow Surat
Parking Type	Authorised-Free		**Ending Location**	Dumas Main Road
Side	Left Hand Side			



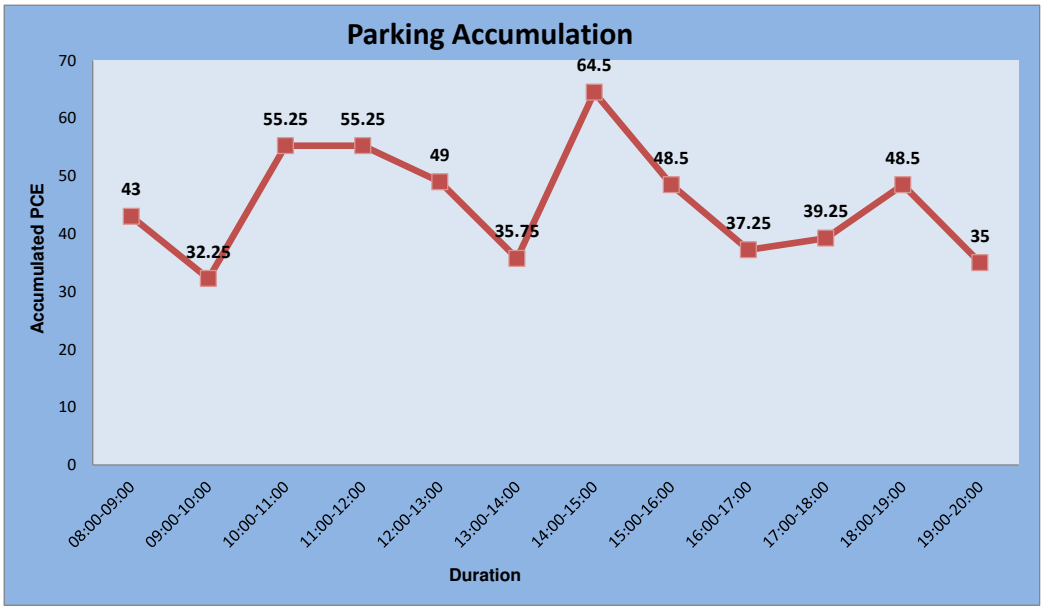
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	355	85%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	44	11%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	15	4%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	2	0%	Long Stay Parking
5	>3 Hours	-	0%	Very Long Stay Parking
Total		**416**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	14
2	Small Cars	297
3	Two Wheelers	41
4	Van	3
5	Buses	28
6	Auto Rickshaws	49
7	Tata Magic	65
8	Share Auto	-
9	Trucks	1
10	MCVs	-
11	LCVs	2
12	Cycles	-
13	Cycle Rickshaws	-
Total		**500**



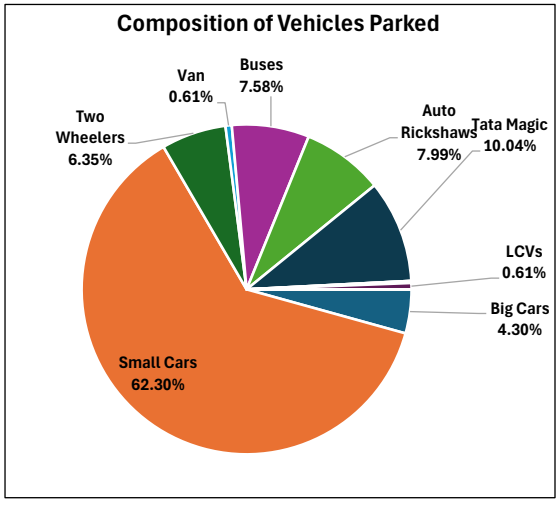
3.8 | PARKING COUNTS

Name of the Road	Keval Chowk		**Starting Location**	Dumas Road
Parking Type	Authorised-Free		**Ending Location**	Lal Bunglow Surat
Side	Right Hand Side			



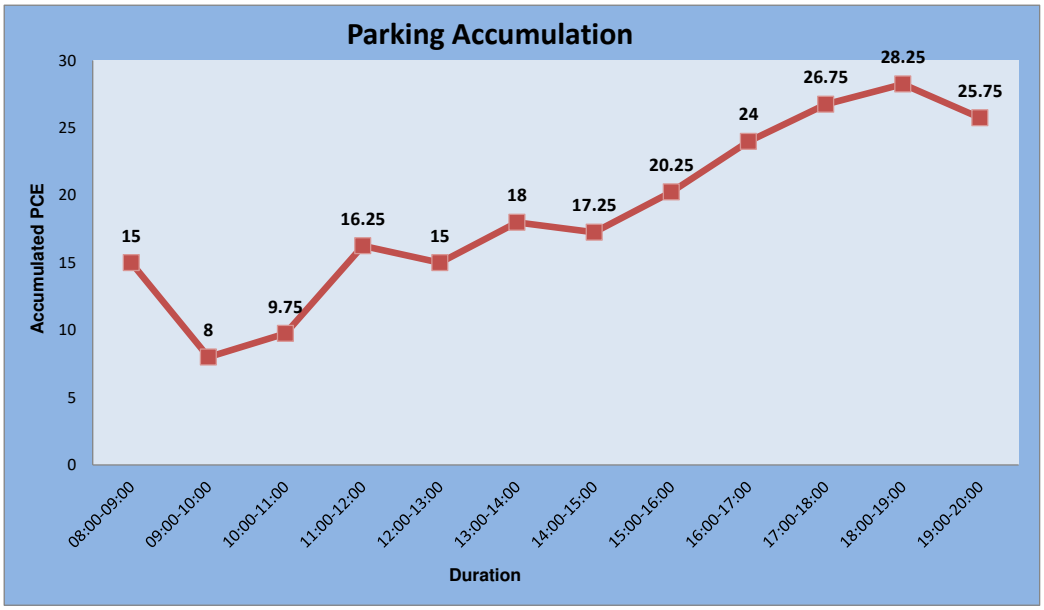
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	312	80%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	61	16%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	15	4%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	1	0%	Long Stay Parking
5	>3 Hours	-	0%	Very Long Stay Parking
Total		**389**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	21
2	Small Cars	304
3	Two Wheelers	31
4	Van	3
5	Buses	37
6	Auto Rickshaws	39
7	Tata Magic	49
8	Share Auto	-
9	Trucks	1
10	MCVs	-
11	LCVs	3
12	Cycles	-
13	Cycle Rickshaws	-
Total		**488**



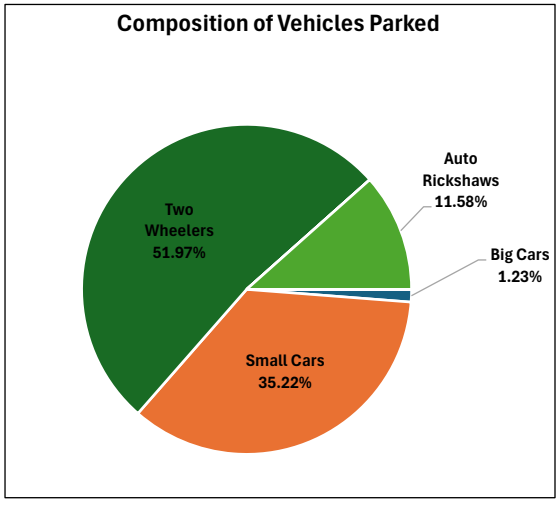
3.8 | PARKING COUNTS

Name of the Road	Civil Hospital		**Starting Location**	Vanitha Vishram Foot Bridg
Parking Type	Authorised-Free		**Ending Location**	Bamroli Road Junction
Side	Left Hand Side			



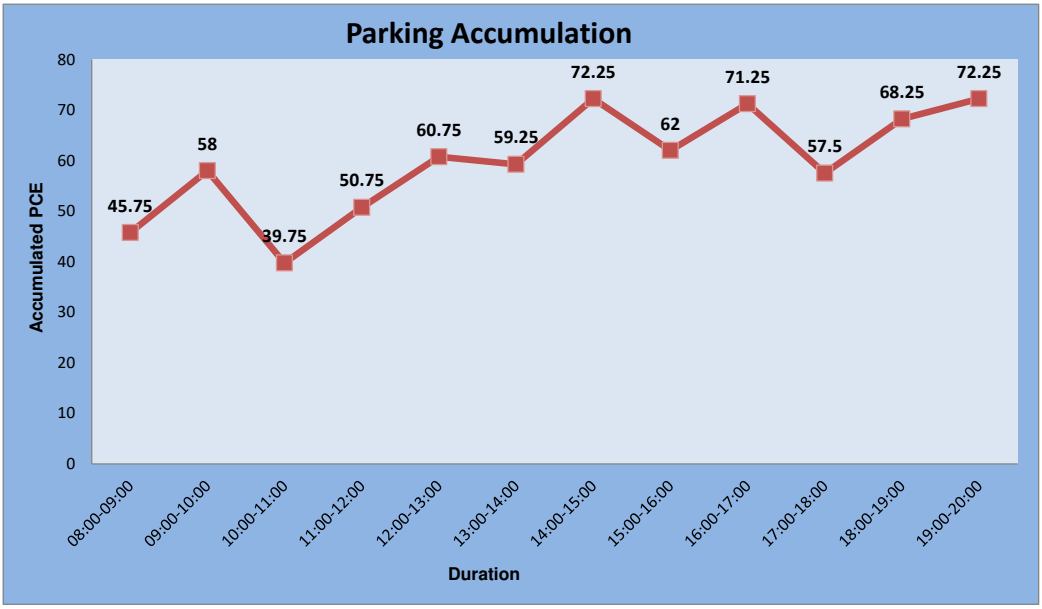
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	272	82%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	49	15%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	11	3%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	-	0%	Long Stay Parking
5	>3 Hours	-	0%	Very Long Stay Parking
Total		**332**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	5
2	Small Cars	143
3	Two Wheelers	211
4	Van	-
5	Buses	-
6	Auto Rickshaws	47
7	Tata Magic	-
8	Share Auto	-
9	Trucks	-
10	MCVs	-
11	LCVs	-
12	Cycles	-
13	Cycle Rickshaws	-
Total		**406**



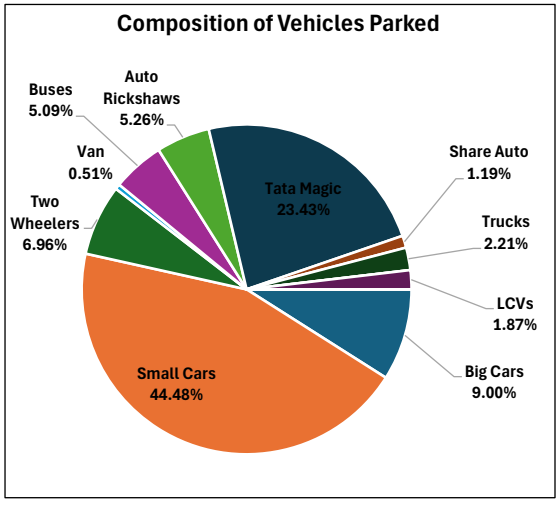
3.8 | PARKING COUNTS

Name of the Road	Udhana Darwaja Junction		**Starting Location**	Udhana Darwaja Junction
Parking Type	Authorised-Free		**Ending Location**	Shivalik Avenue
Side	Left Hand Side			



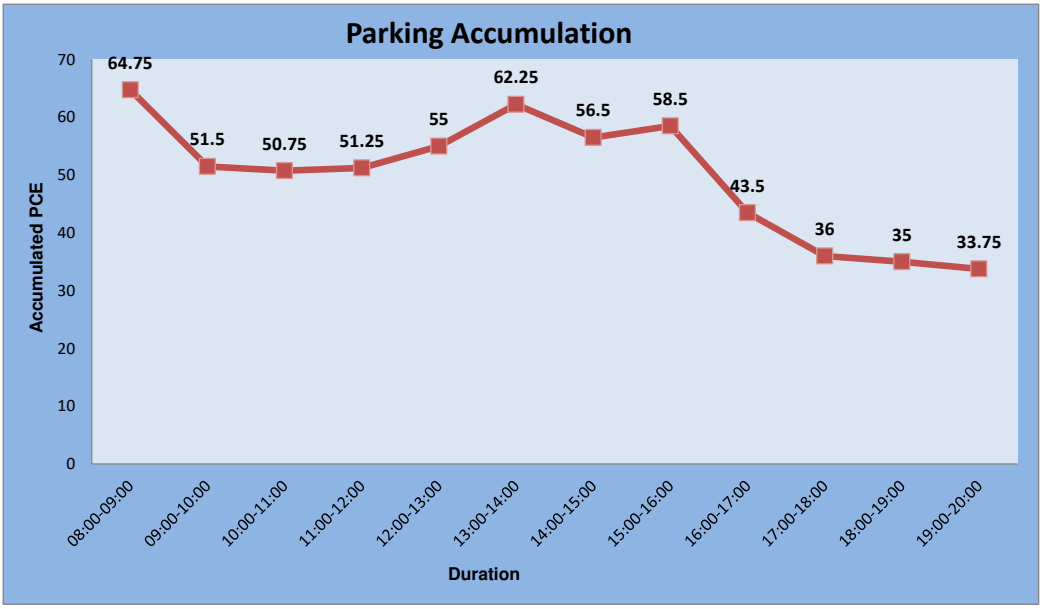
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	311	71%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	97	22%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	27	6%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	-	0%	Long Stay Parking
5	>3 Hours	-	0%	Very Long Stay Parking
Total		**435**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	53
2	Small Cars	262
3	Two Wheelers	41
4	Van	3
5	Buses	30
6	Auto Rickshaws	31
7	Tata Magic	138
8	Share Auto	7
9	Trucks	13
10	MCVs	-
11	LCVs	11
12	Cycles	-
13	Cycle Rickshaws	-
Total		**589**



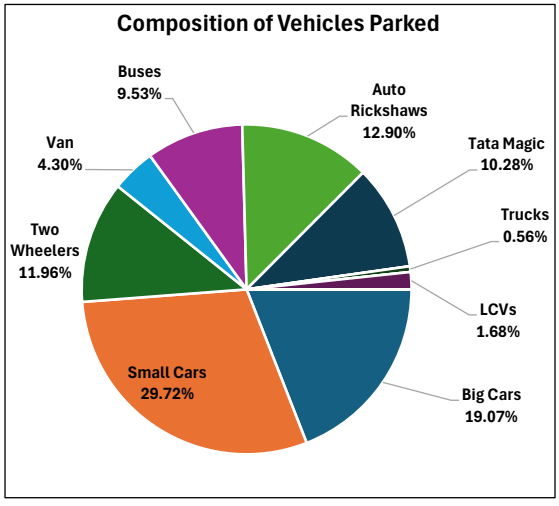
3.8 | PARKING COUNTS

Name of the Road	Udhana Darwaja		**Starting Location**	Shivalik Avenue
Parking Type	Authorised-Free		**Ending Location**	Udhana Darwaja Junction
Side	Right Hand Side			



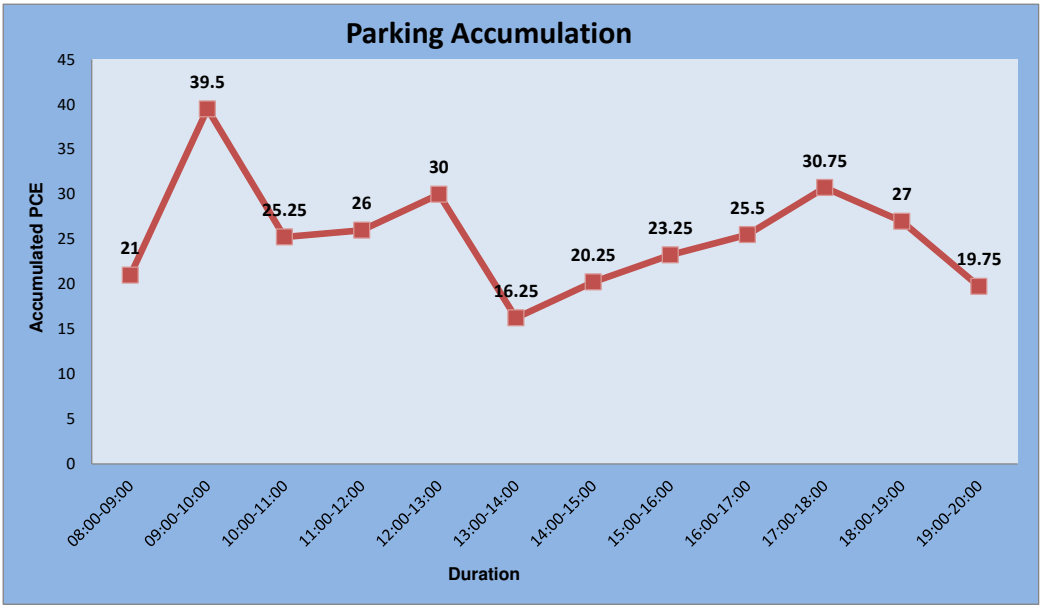
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	388	85%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	60	13%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	5	1%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	2	0%	Long Stay Parking
5	>3 Hours	-	0%	Very Long Stay Parking
Total		**455**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	102
2	Small Cars	159
3	Two Wheelers	64
4	Van	23
5	Buses	51
6	Auto Rickshaws	69
7	Tata Magic	55
8	Share Auto	-
9	Trucks	3
10	MCVs	-
11	LCVs	9
12	Cycles	-
13	Cycle Rickshaws	-
Total		**535**



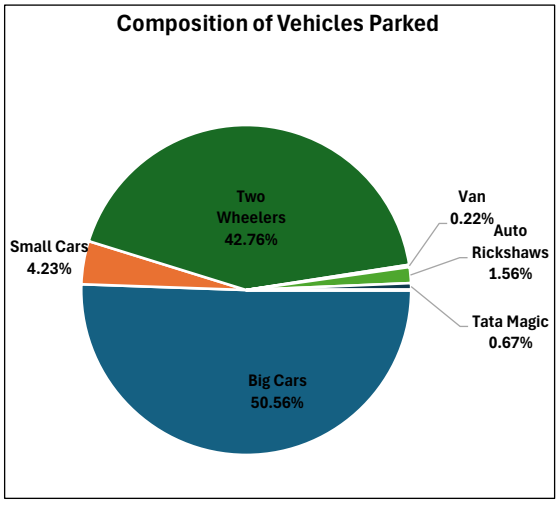
3.8 | PARKING COUNTS

Name of the Road	Sahara Darwaja		**Starting Location**	Surana 101 Tower
Parking Type	Authorised-Free		**Ending Location**	Surana International
Side	Left Hand Side			



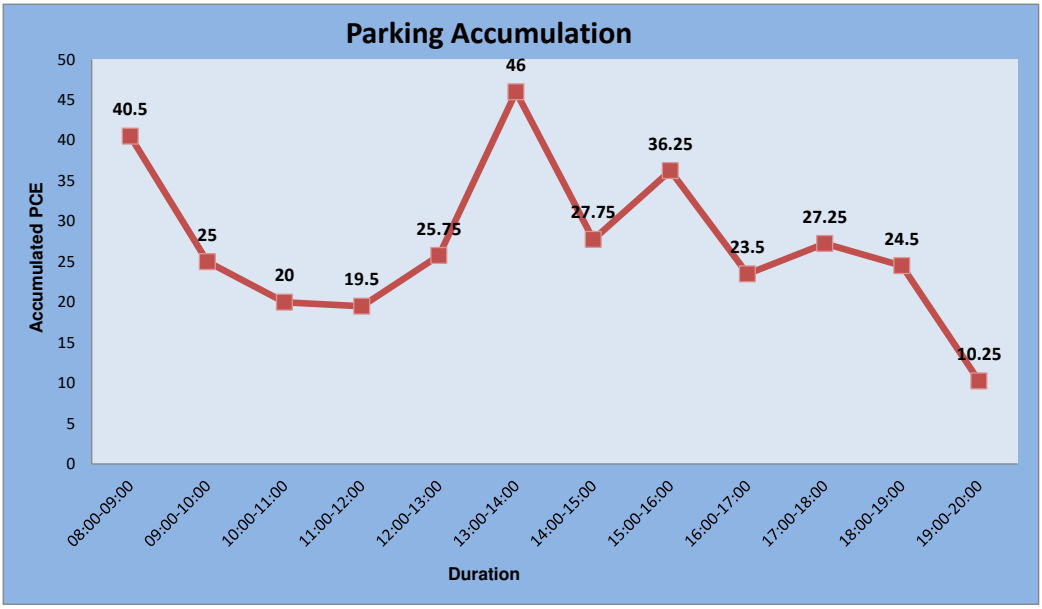
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	251	76%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	54	16%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	23	7%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	2	1%	Long Stay Parking
5	>3 Hours	1	0%	Very Long Stay Parking
Total		**331**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	227
2	Small Cars	19
3	Two Wheelers	192
4	Van	1
5	Buses	-
6	Auto Rickshaws	7
7	Tata Magic	3
8	Share Auto	-
9	Trucks	-
10	MCVs	-
11	LCVs	-
12	Cycles	-
13	Cycle Rickshaws	-
Total		**449**



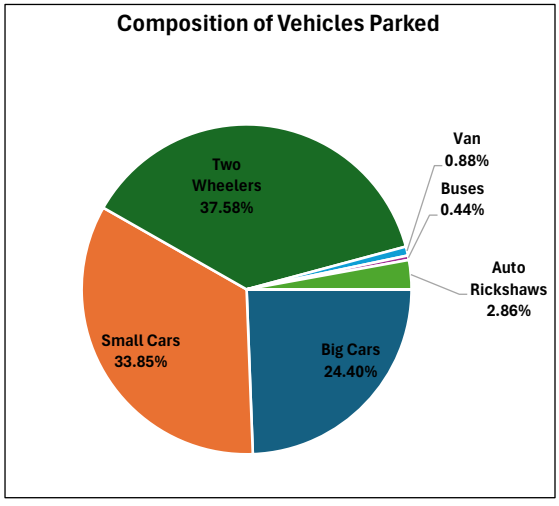
3.8 | PARKING COUNTS

Name of the Road	Sahara Darwaja		**Starting Location**	Surana International
Parking Type	Authorised-Free		**Ending Location**	Surana 101 Tower
Side	Right Hand Side			



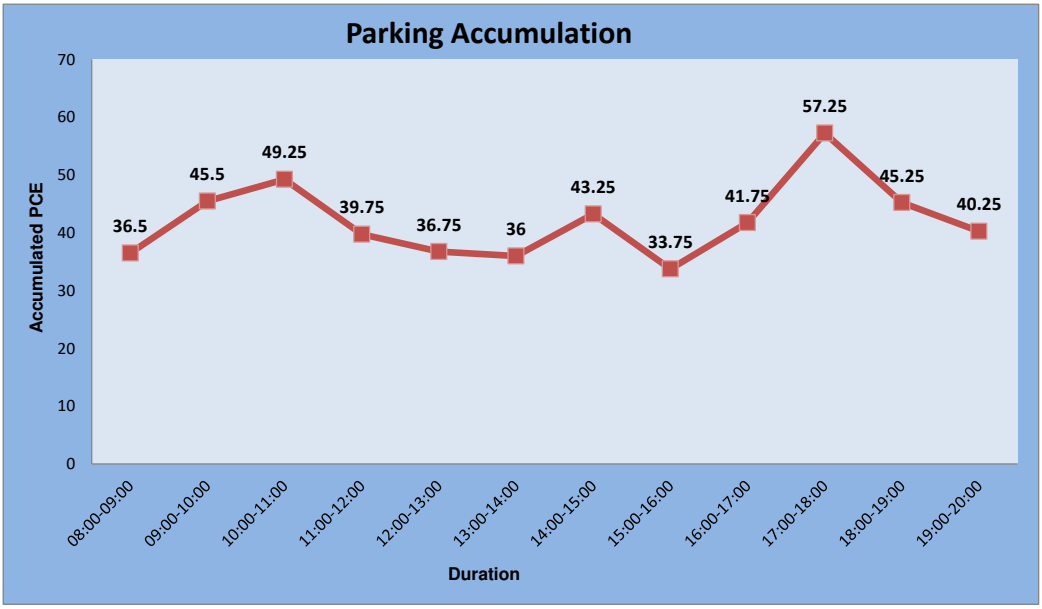
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	339	86%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	55	14%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	2	1%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	-	0%	Long Stay Parking
5	>3 Hours	-	0%	Very Long Stay Parking
Total		**396**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	111
2	Small Cars	154
3	Two Wheelers	171
4	Van	4
5	Buses	2
6	Auto Rickshaws	13
7	Tata Magic	-
8	Share Auto	-
9	Trucks	-
10	MCVs	-
11	LCVs	-
12	Cycles	-
13	Cycle Rickshaws	-
Total		**455**



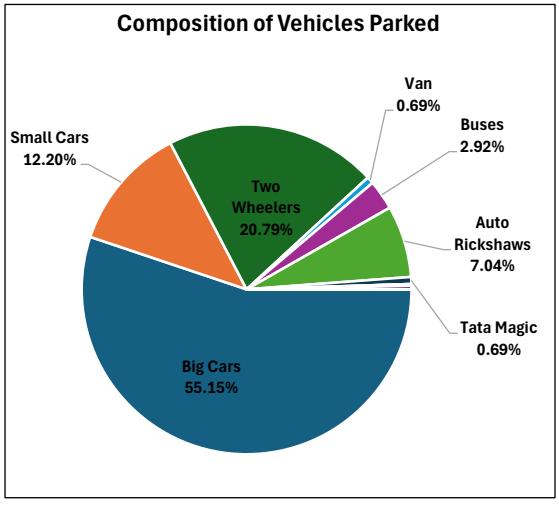
3.8 | PARKING COUNTS

Name of the Road	Bahumali Complex		**Starting Location**	Satyam Complex
Parking Type	Authorised-Free		**Ending Location**	River Palace
Side	Left Hand Side			



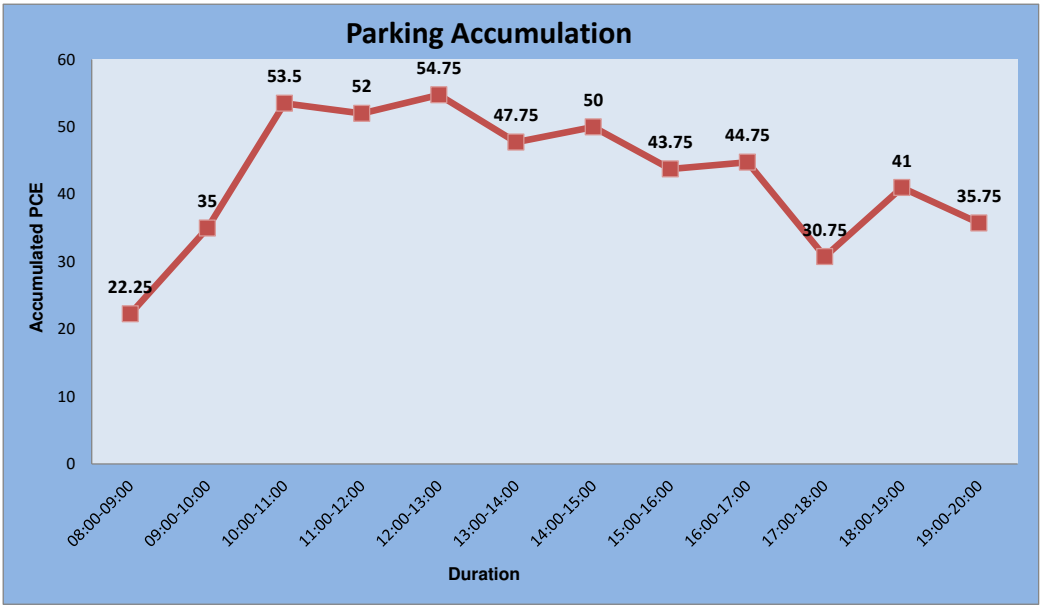
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	309	74%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	68	16%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	35	8%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	4	1%	Long Stay Parking
5	>3 Hours	1	0%	Very Long Stay Parking
Total		**417**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	321
2	Small Cars	71
3	Two Wheelers	121
4	Van	4
5	Buses	17
6	Auto Rickshaws	41
7	Tata Magic	4
8	Share Auto	-
9	Trucks	1
10	MCVs	-
11	LCVs	2
12	Cycles	-
13	Cycle Rickshaws	-
Total		**582**



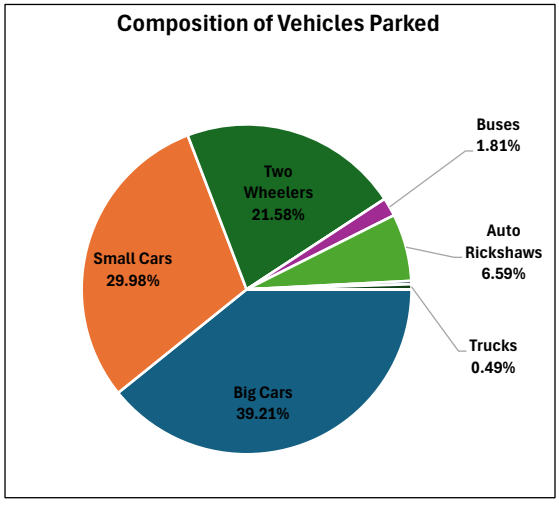
3.8 | PARKING COUNTS

Name of the Road	Bahumali Complex		**Starting Location**	Sardar Vallabhbhai Nationa
Parking Type	Authorised-Free		**Ending Location**	Kalki Fashion Surat
Side	Right Hand Side			



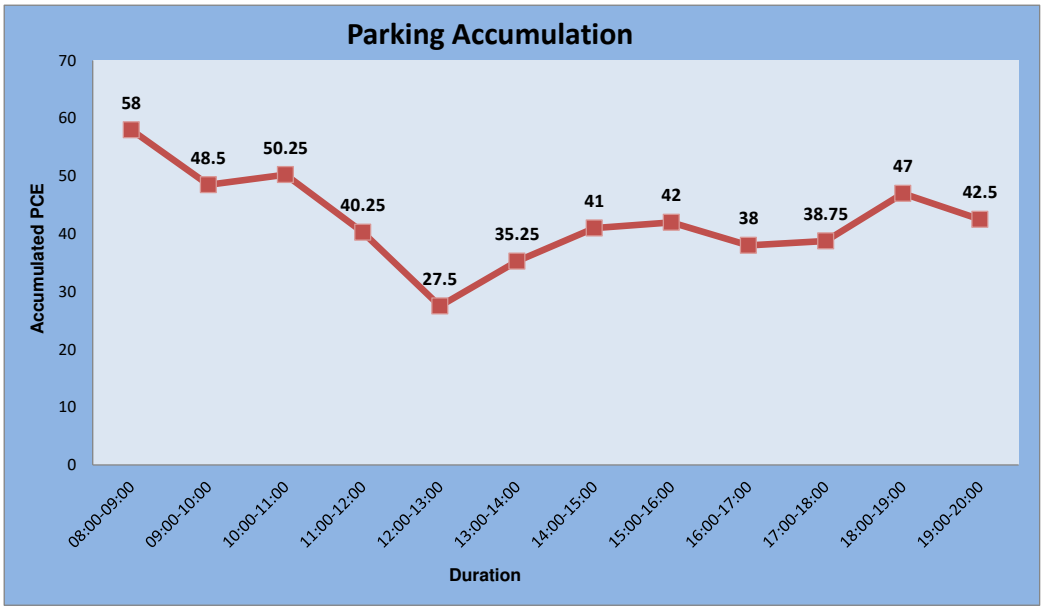
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	353	78%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	68	15%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	31	7%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	3	1%	Long Stay Parking
5	>3 Hours	-	0%	Very Long Stay Parking
Total		**455**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	238
2	Small Cars	182
3	Two Wheelers	131
4	Van	-
5	Buses	11
6	Auto Rickshaws	40
7	Tata Magic	2
8	Share Auto	-
9	Trucks	3
10	MCVs	-
11	LCVs	-
12	Cycles	-
13	Cycle Rickshaws	-
Total		**607**



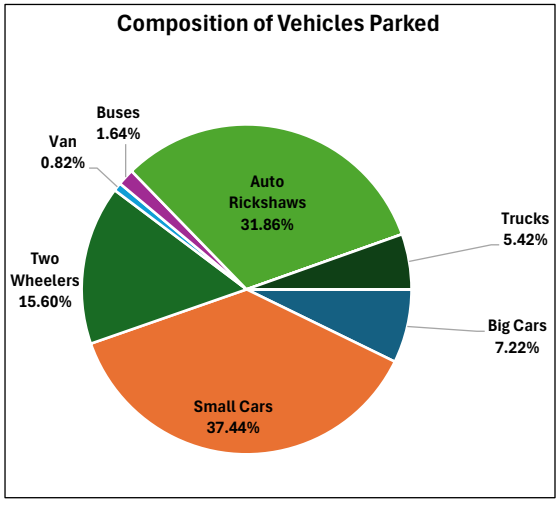
3.8 | PARKING COUNTS

Name of the Road	Kadodara Junction		**Starting Location**	Revival Hospital
Parking Type	Authorised-Free		**Ending Location**	Kadodara Junction
Side	Left Hand Side			



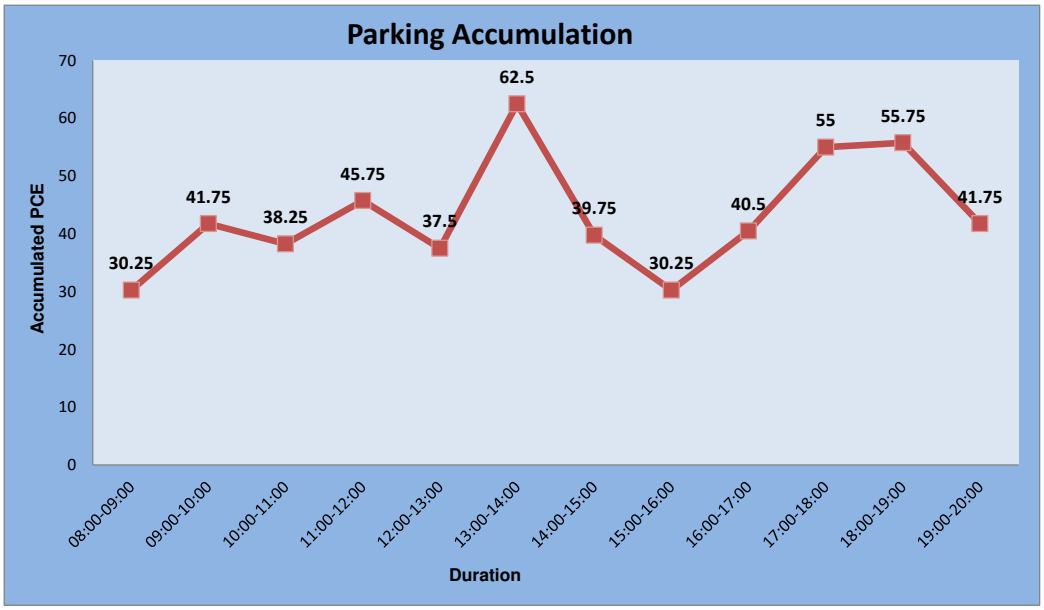
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	413	83%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	63	13%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	19	4%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	2	0%	Long Stay Parking
5	>3 Hours	-	0%	Very Long Stay Parking
Total		**497**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	44
2	Small Cars	228
3	Two Wheelers	95
4	Van	5
5	Buses	10
6	Auto Rickshaws	194
7	Tata Magic	-
8	Share Auto	-
9	Trucks	33
10	MCVs	-
11	LCVs	-
12	Cycles	-
13	Cycle Rickshaws	-
Total		**609**



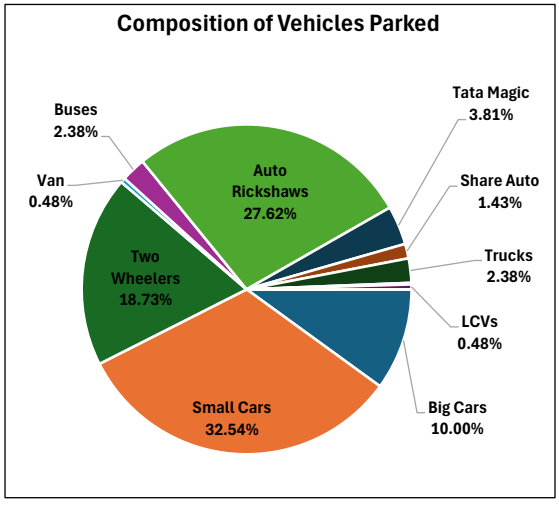
3.8 | PARKING COUNTS

Name of the Road	Kadodara Junction		**Starting Location**	Kadodara Junction
Parking Type	Authorised-Free		**Ending Location**	Revival Hospital
Side	Right Hand Side			



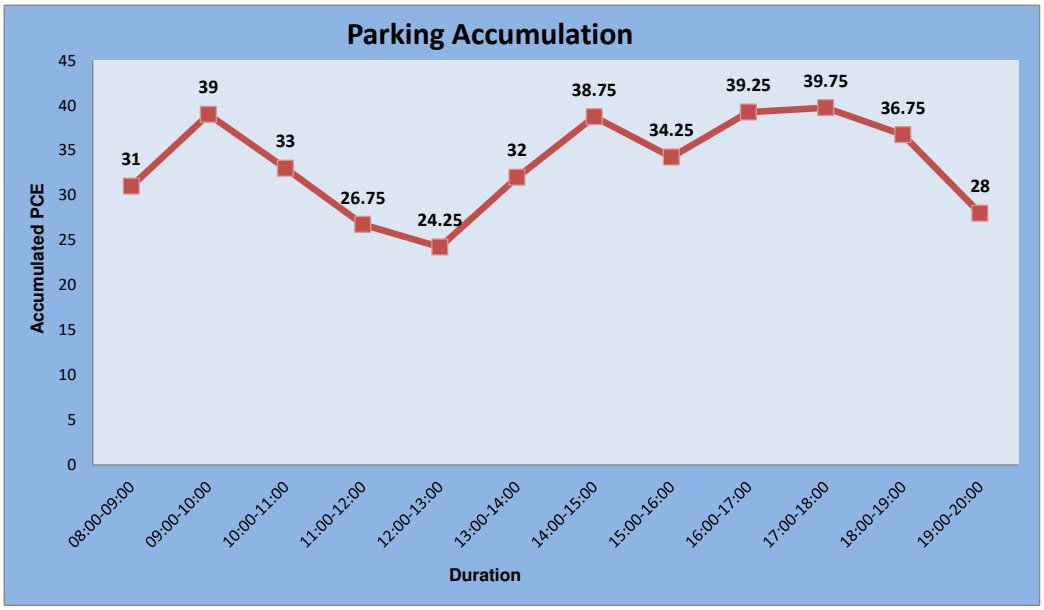
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	364	76%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	87	18%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	27	6%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	1	0%	Long Stay Parking
5	>3 Hours	-	0%	Very Long Stay Parking
Total		**479**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	63
2	Small Cars	205
3	Two Wheelers	118
4	Van	3
5	Buses	15
6	Auto Rickshaws	174
7	Tata Magic	24
8	Share Auto	9
9	Trucks	15
10	MCVs	1
11	LCVs	3
12	Cycles	-
13	Cycle Rickshaws	-
Total		**630**



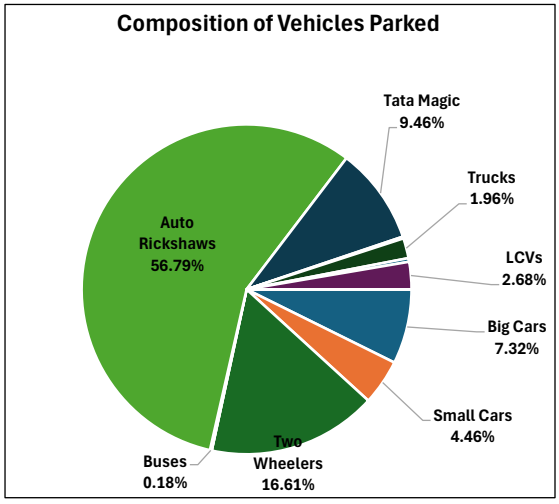
3.8 | PARKING COUNTS

Name of the Road	Shree Chandra Sekhar Azad Bridge	**Starting Location**	Udhana Road
Parking Type	Authorised-Free	**Ending Location**	MHOD Salman Shop
Side	Left Hand Side		



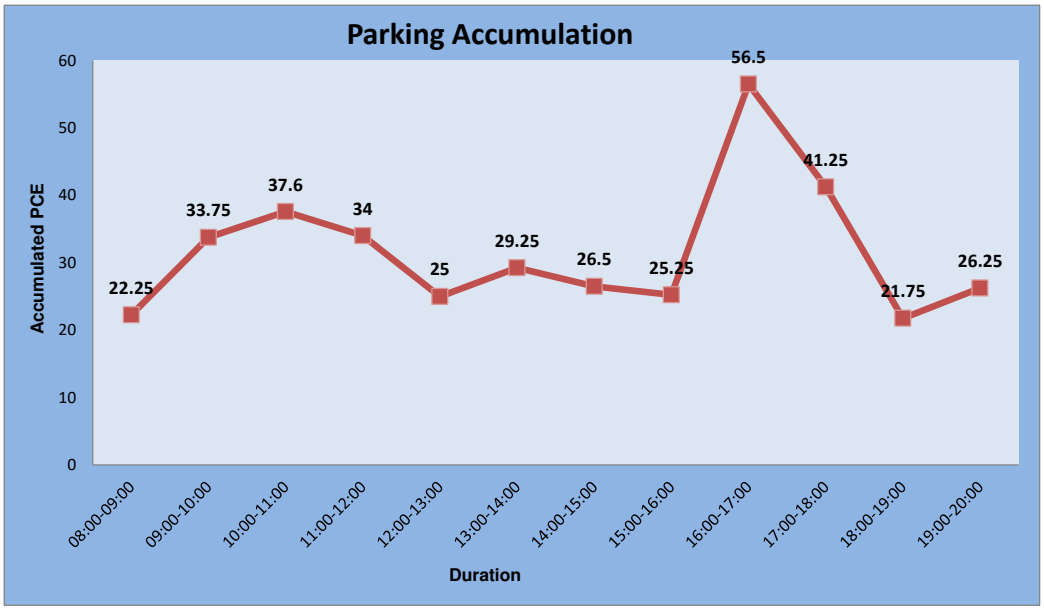
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	366	80%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	87	19%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	6	1%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	-	0%	Long Stay Parking
5	>3 Hours	-	0%	Very Long Stay Parking
Total		**459**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	41
2	Small Cars	25
3	Two Wheelers	93
4	Van	-
5	Buses	1
6	Auto Rickshaws	318
7	Tata Magic	53
8	Share Auto	1
9	Trucks	11
10	MCVs	2
11	LCVs	15
12	Cycles	-
13	Cycle Rickshaws	-
Total		**560**



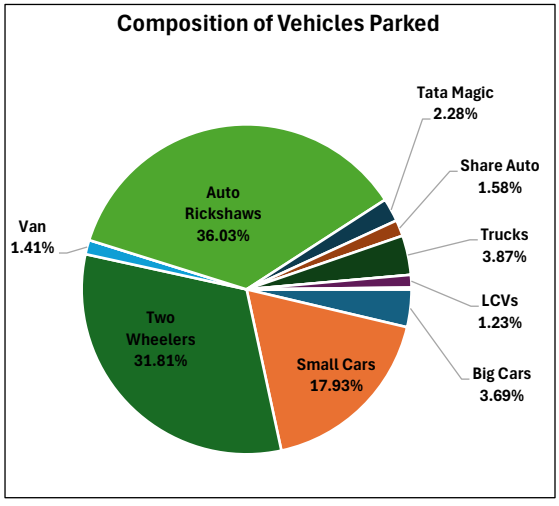
3.8 | PARKING COUNTS

Name of the Road	Shree Chandra Sekhar Azad Bridge	**Starting Location**	Betel Shop
Parking Type	Authorised-Free	**Ending Location**	Mosque
Side	Right Hand Side		



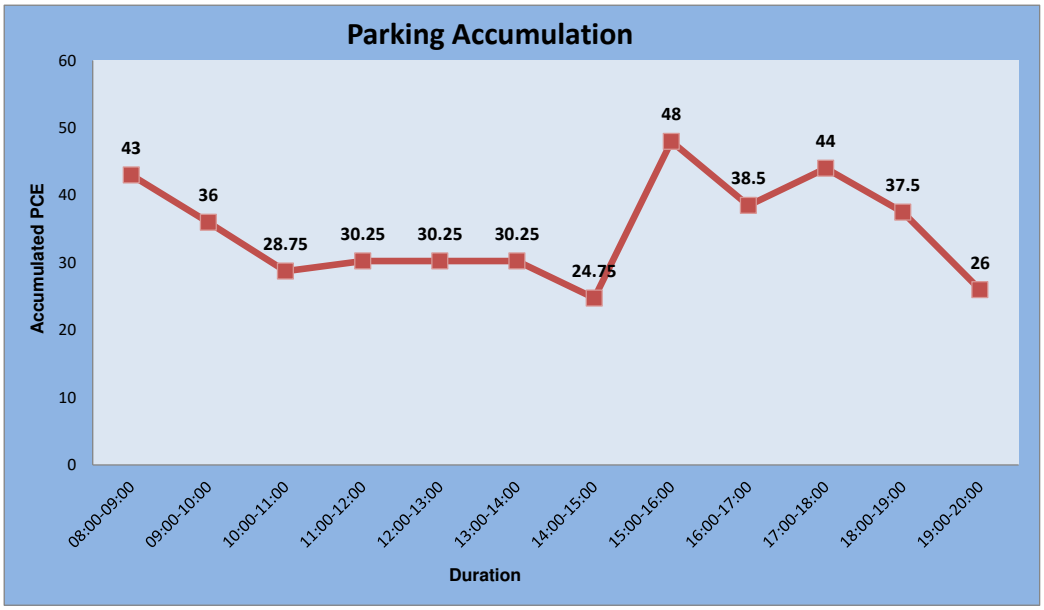
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	175	68%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	35	14%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	21	8%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	3	1%	Long Stay Parking
5	>3 Hours	23	9%	Very Long Stay Parking
Total		**257**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	21
2	Small Cars	102
3	Two Wheelers	181
4	Van	8
5	Buses	-
6	Auto Rickshaws	205
7	Tata Magic	13
8	Share Auto	9
9	Trucks	22
10	MCVs	-
11	LCVs	7
12	Cycles	1
13	Cycle Rickshaws	-
Total		**569**



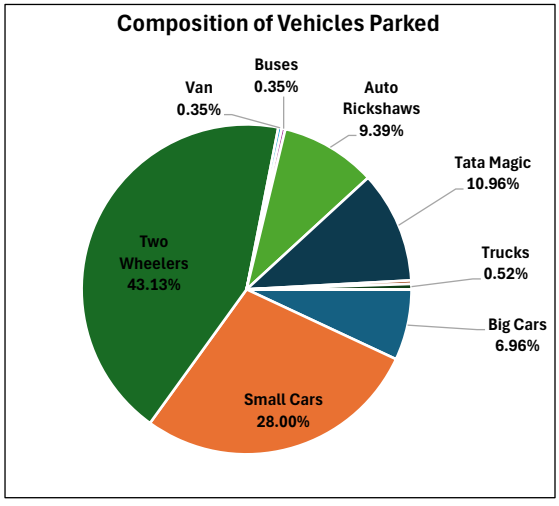
3.8 | PARKING COUNTS

Name of the Road	Udhana-Sachin Road		**Starting Location**	Rama Electricals
Parking Type	Authorised-Free		**Ending Location**	M.R.Hondai
Side	Left Hand Side			



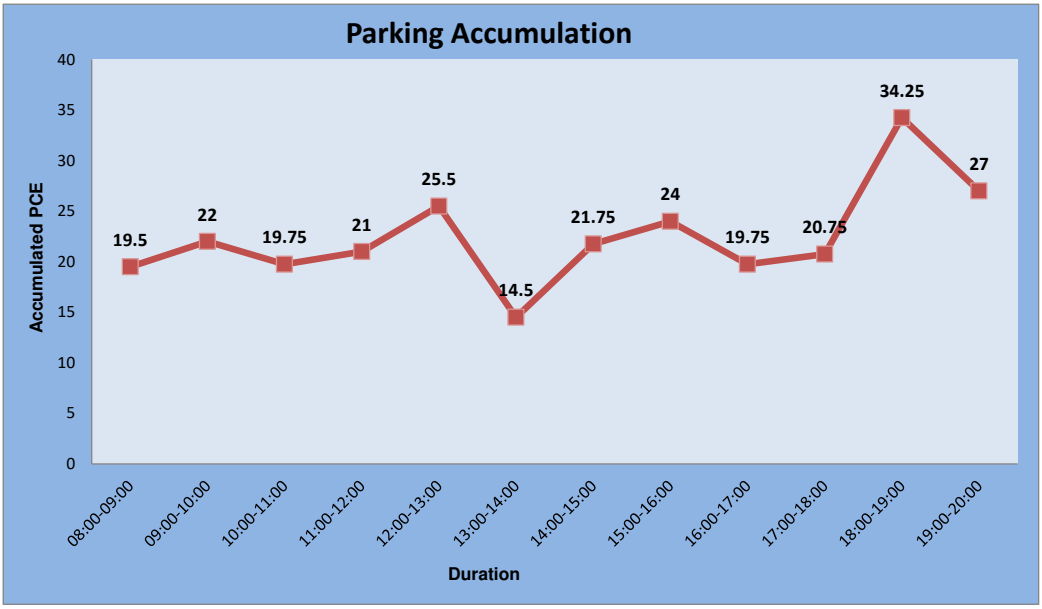
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	259	69%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	80	21%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	29	8%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	7	2%	Long Stay Parking
5	>3 Hours	3	1%	Very Long Stay Parking
Total		**378**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	40
2	Small Cars	161
3	Two Wheelers	248
4	Van	2
5	Buses	2
6	Auto Rickshaws	54
7	Tata Magic	63
8	Share Auto	2
9	Trucks	3
10	MCVs	-
11	LCVs	-
12	Cycles	-
13	Cycle Rickshaws	-
Total		**575**



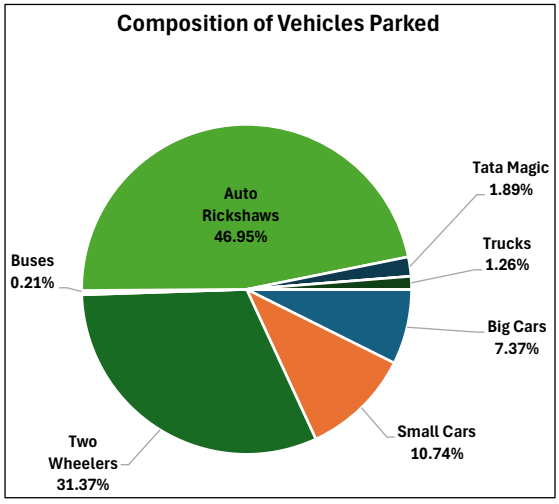
3.8 | PARKING COUNTS

Name of the Road	Udhana-Sachin Road		**Starting Location**	Shri Nath Travels
Parking Type	Authorised-Free		**Ending Location**	M.R.Honda
Side	Right Hand Side			



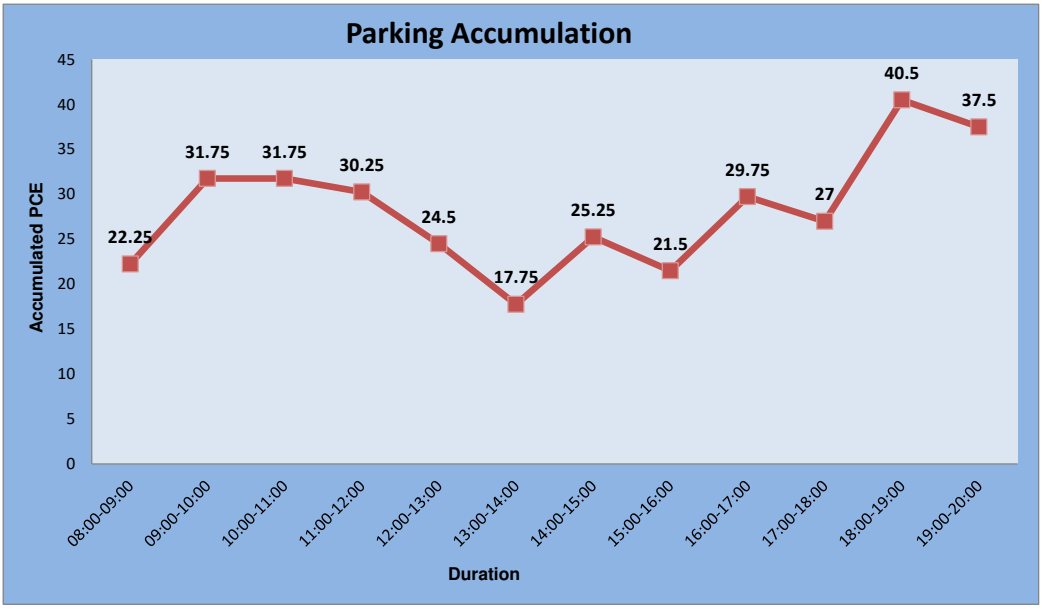
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	271	74%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	84	23%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	12	3%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	-	0%	Long Stay Parking
5	>3 Hours	-	0%	Very Long Stay Parking
Total		**367**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	35
2	Small Cars	51
3	Two Wheelers	149
4	Van	1
5	Buses	1
6	Auto Rickshaws	223
7	Tata Magic	9
8	Share Auto	-
9	Trucks	6
10	MCVs	-
11	LCVs	-
12	Cycles	-
13	Cycle Rickshaws	-
Total		**475**



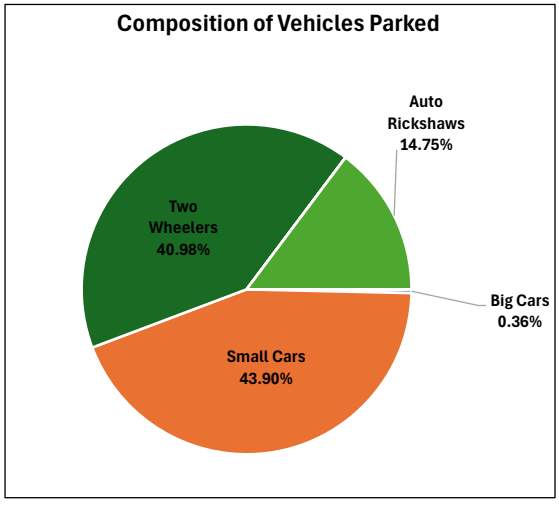
3.8 | PARKING COUNTS

Name of the Road	Bamroli-Althan Road		**Starting Location**	New Life Trauma Hospital
Parking Type	Authorised-Free		**Ending Location**	Patrakar Colony BRTS Stop
Side	Left Hand Side			



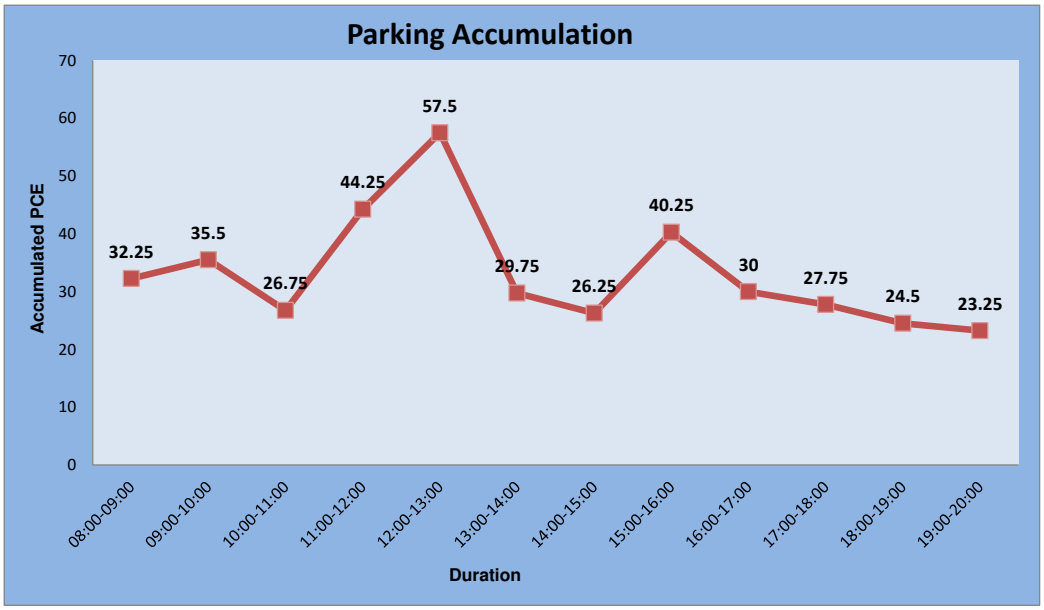
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	398	86%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	57	12%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	7	2%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	2	0%	Long Stay Parking
5	>3 Hours	-	0%	Very Long Stay Parking
Total		**464**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	2
2	Small Cars	241
3	Two Wheelers	225
4	Van	-
5	Buses	-
6	Auto Rickshaws	81
7	Tata Magic	-
8	Share Auto	-
9	Trucks	-
10	MCVs	-
11	LCVs	-
12	Cycles	-
13	Cycle Rickshaws	-
Total		**549**



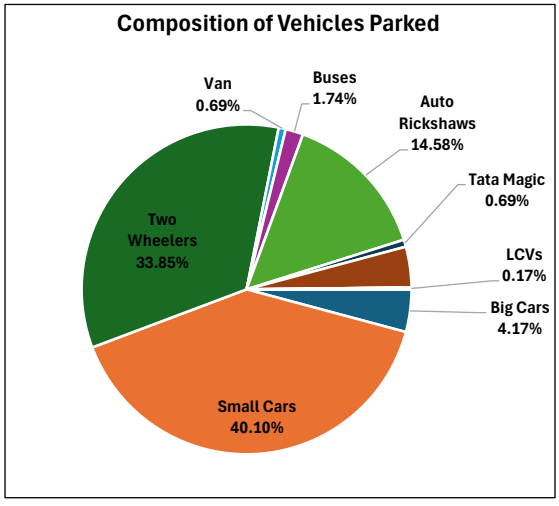
3.8 | PARKING COUNTS

Name of the Road	Bamroli-Althan Road		**Starting Location**	Patrakar Colony BRTS
Parking Type	Authorised-Free		**Ending Location**	New Life Trauma Hospital
Side	Right Hand Side			



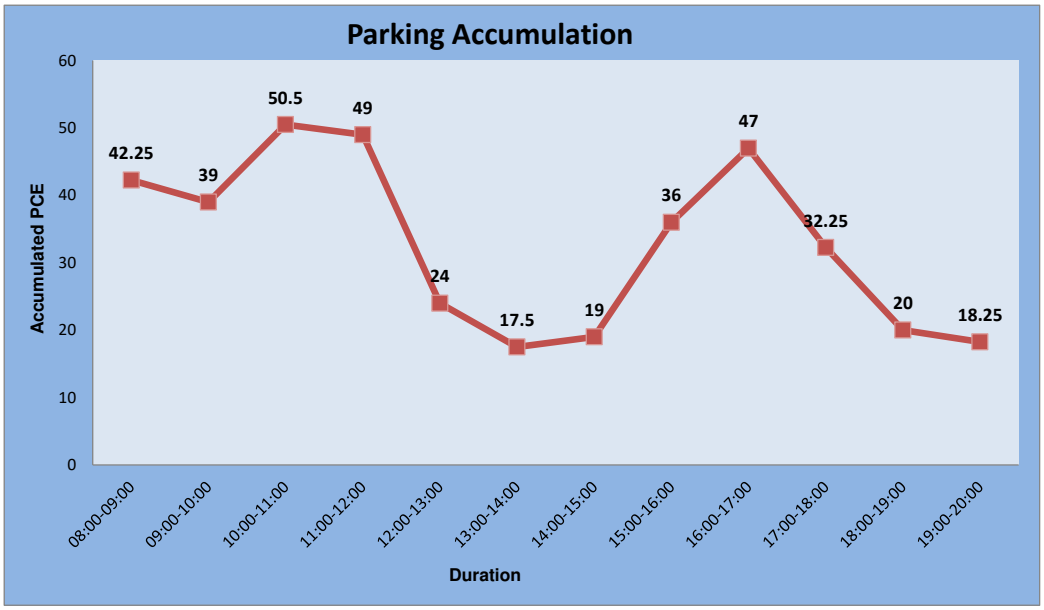
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	371	80%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	78	17%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	15	3%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	-	0%	Long Stay Parking
5	>3 Hours	-	0%	Very Long Stay Parking
Total		**464**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	24
2	Small Cars	231
3	Two Wheelers	195
4	Van	4
5	Buses	10
6	Auto Rickshaws	84
7	Tata Magic	4
8	Share Auto	23
9	Trucks	-
10	MCVs	-
11	LCVs	1
12	Cycles	-
13	Cycle Rickshaws	-
Total		**576**



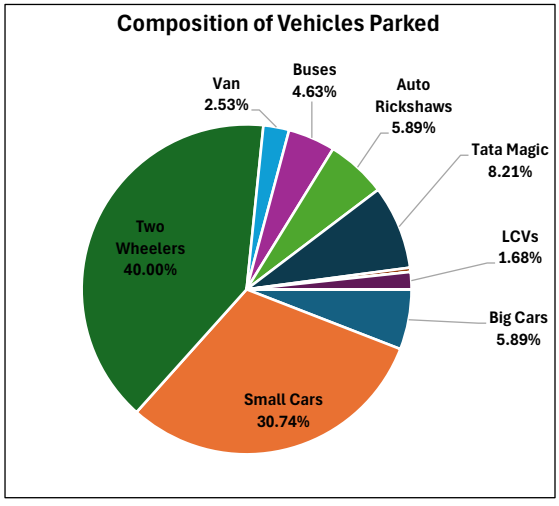
3.8 | PARKING COUNTS

Name of the Road	Pal RTO Office		**Starting Location**	Pyramid Group Circle
Parking Type	Authorised-Free		**Ending Location**	Shree Sidhi Vinayak Ganesh Mandir
Side	Left Hand Side			



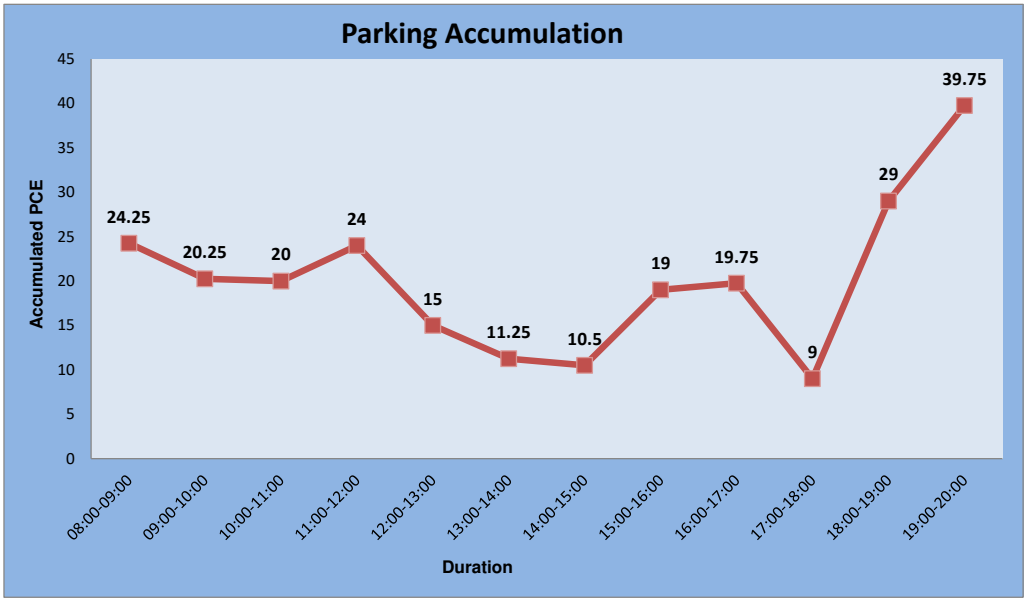
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	299	80%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	53	14%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	18	5%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	3	1%	Long Stay Parking
5	>3 Hours	-	0%	Very Long Stay Parking
Total		**373**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	28
2	Small Cars	146
3	Two Wheelers	190
4	Van	12
5	Buses	22
6	Auto Rickshaws	28
7	Tata Magic	39
8	Share Auto	2
9	Trucks	-
10	MCVs	-
11	LCVs	8
12	Cycles	-
13	Cycle Rickshaws	-
Total		**475**



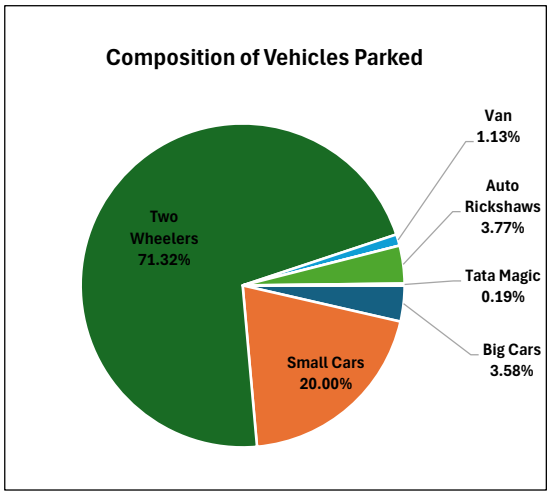
3.8 | PARKING COUNTS

Name of the Road	Pal RTO Office		**Starting Location**	Shree Sidhi Vinayaka Ganesh Mandir
Parking Type	Authorised-Free		**Ending Location**	Pyramid group Circle
Side	Right Hand Side			



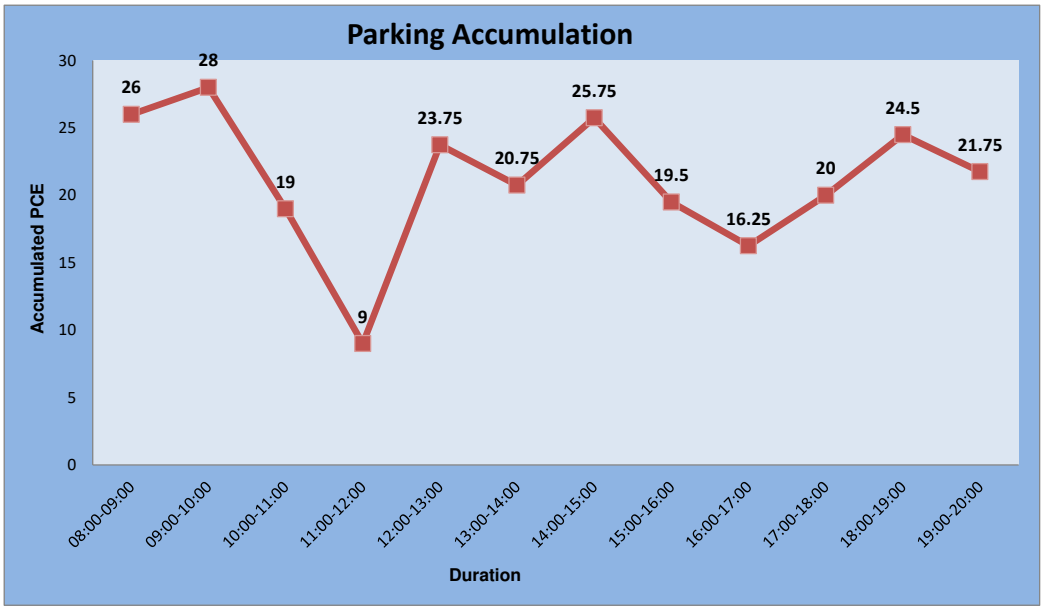
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	307	77%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	59	15%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	28	7%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	3	1%	Long Stay Parking
5	>3 Hours	-	0%	Very Long Stay Parking
Total		**397**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	19
2	Small Cars	106
3	Two Wheelers	378
4	Van	6
5	Buses	-
6	Auto Rickshaws	20
7	Tata Magic	1
8	Share Auto	-
9	Trucks	-
10	MCVs	-
11	LCVs	-
12	Cycles	-
13	Cycle Rickshaws	-
Total		**530**



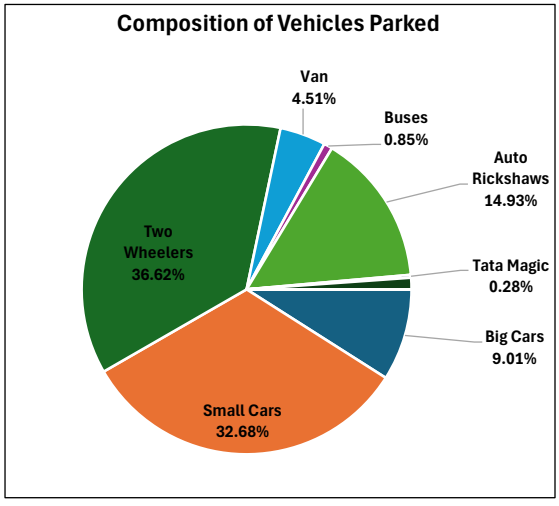
3.8 | PARKING COUNTS

Name of the Road	Sardar Vegetable Market		**Starting Location**	Avadh Textile Market
Parking Type	Authorised-Free		**Ending Location**	Hotel Sarvottam
Side	Left Hand Side			



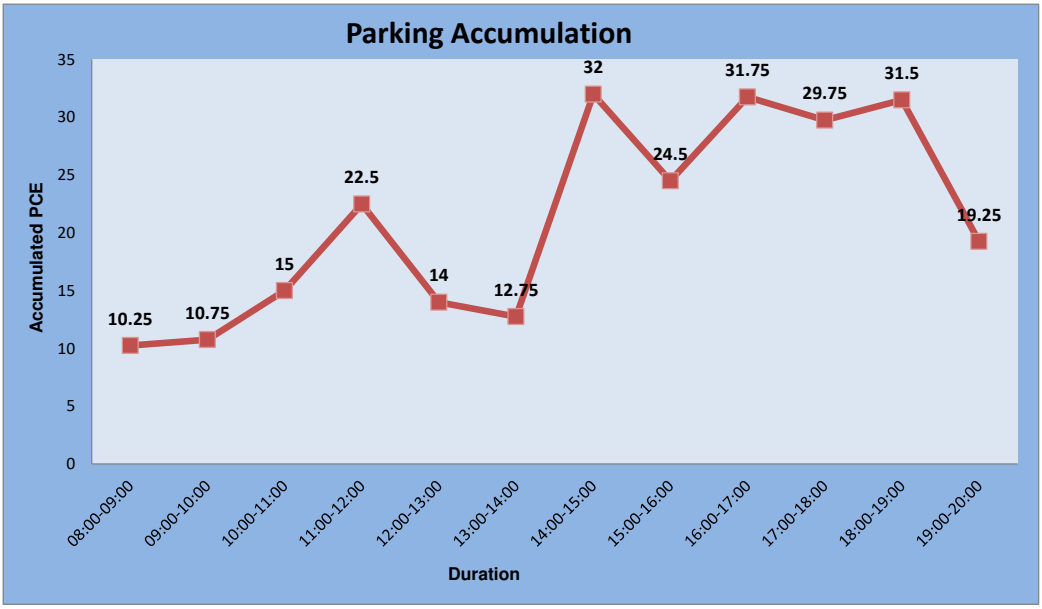
Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	263	87%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	28	9%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	10	3%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	1	0%	Long Stay Parking
5	>3 Hours	-	0%	Very Long Stay Parking
Total		**302**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	32
2	Small Cars	116
3	Two Wheelers	130
4	Van	16
5	Buses	3
6	Auto Rickshaws	53
7	Tata Magic	1
8	Share Auto	-
9	Trucks	4
10	MCVs	-
11	LCVs	-
12	Cycles	-
13	Cycle Rickshaws	-
Total		**355**



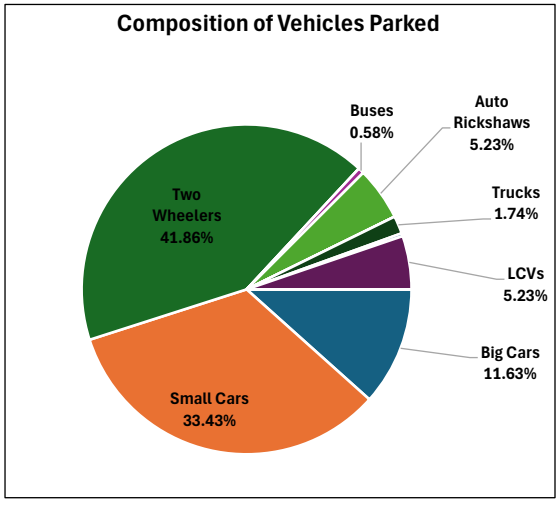
3.8 | PARKING COUNTS

Name of the Road	Sardar Vegetable Market		**Starting Location**	Hotel Sarvottam
Parking Type	Authorised-Free		**Ending Location**	Avadh textile Market
Side	Right Hand Side			



Parking Duration Summary				
S.No.	**Duration of Parking**	**Sum**	**Share**	**Designation of Parking**
1	Upto 30 min	251	86%	Quick Parkers
2	B/w 0.5 Hr and 1 Hours	30	10%	Short Stay Parking
3	B/w 1 Hr and 2 Hours	10	3%	Medium Stay Parking
4	B/w 2 Hr and 3 Hours	-	0%	Long Stay Parking
5	>3 Hours	-	0%	Very Long Stay Parking
Total		**291**	**100%**	

S.No.	Vehicle Types	Numbers
1	Big Cars	40
2	Small Cars	115
3	Two Wheelers	144
4	Van	-
5	Buses	2
6	Auto Rickshaws	18
7	Tata Magic	-
8	Share Auto	-
9	Trucks	6
10	MCVs	1
11	LCVs	18
12	Cycles	-
13	Cycle Rickshaws	-
Total		**344**



ANNEXURE 3.9 | Detailed Service Level Benchmark (SLB) Calculations

Service level performance of each of the facilities (mentioned above) for the Study Area is presented in the subsequent sections.

PUBLIC TRANSPORT FACILITIES

Public transport facilities for the Study Area are assessed based on following 6 indicators:

- **Presence of Organized Public Transport System**
- **Extent of Supply Availability of Public Transport**
- **Service Coverage of Public Transport**
- **Average Waiting Time for Public Transport Users**
- **Level of Comfort in Public Transport**
- **Percentage of Fleet as per Urban Bus Specifications**

Table 1 | Calculated LoS for Public Transport Facilities in Study Area

1	**Presence of Organized Public Transport System in Urban Area (%)**						
	A	Total Number of Buses Operating in Study Area	=	875	**LOS 1 Standard**		
	B	Total Number of Buses Operating under the Ownership of STU/SPV	=	825	1	>=60	
	C	Presence of Organized Public Transport System in Urban Area (%)	=	(B/A)*100	2	40-60	
			=	94.28	3	20-40	
		Level of Service	|	1	4	<20	
2	**Extent of Supply Availability of Public Transport**						
	A	Total Number of Buses/Train Coaches in Study Area	=	875	**LOS 2 Standard**		
	B	Total population of Study Area	=	7088145	1	>=0.6	
	C	Availability of Public Transport per 1000 Population	=	A/(B/1000)	2	0.4-0.6	
			=	0.12	3	0.2-0.4	
		Level of Service	|	4	4	<0.2	
3	**Service Coverage of Public Transport**						
	A	Total Length of Road in KM on which PT System Ply in Study Area	=	550	**LOS 3 Standard**		
	B	Area of Study Area (sqkm)	=	1141	1	>=1	
	C	Service Coverage of Public Transport in Study Area	=	(A/B)	2	0.7-1.0	
			=	0.50	3	0.3-0.7	
		Level of Service	|	3	4	<0.3	
4	**Average Waiting Time for Public Transport Users (min)**						
	A	Avg. Waiting Time for Public Transport Users in Study Area (mins)	=	20	**LOS 4 Standard**		
					1	<=4	
					2	4-6	
					3	6-10	
		Level of Service	|	4	4	>10	
5	**Level of Comfort in Public Transport**						
	A	Level of Comfort in Public Transport in Study Area	=	0.4	**LOS 5 Standard**		

						1	<=1.5
						2	1.5-2.0
						3	2.0-2.5
				Level of Service	| 1	4	>2.5
6	**Percentage of Fleet as per Urban Bus Specification**						
	A	Total Number of Buses in Study Area	=	875		**LOS 6 Standard**	
	B	Total Number of Buses as per Urban Specifications	=	875		1	75-100
	C	Percentage of Fleet as per Urban Bus Specification in Study Area	=	(B/A)*100		2	50-74
						3	25-49
				Level of Service	| 1	4	<=25

Overall Level of Service of Public Transport Facilities		
Overall LoS	**Calculated LoS**	**Comments**
1	<12	The city has a good public transport system which is widespread and easily available to the citizens. The system provided is comfortable.
2	12-16	The city has public transport system which may need considerable improvements in terms of supply of buses/ coaches and coverage as many parts of the city are not served by it. The frequency of the services available may need improvements. The system provided is comfortable.
3	17-20	The city has a public transport system which may need considerable improvements in terms of supply of buses / coaches and coverage as most parts of the city are not served by it. The frequency of the services' available needs improvement. The system provided is not comfortable as there is considerable over loading.
4	21-24	The city has very poor/no organized public transport system
Calculated LoS of Public Transport Facilities in Study Area (LoS1 + LoS2 + LoS3 + LoS4 + LoS5 + LoS6) **1+4+3+4+1+1=14**		**2**

PEDESTRIAN INFRASTRUCTURE FACILITIES

Pedestrian infrastructure facilities for Study Area are assessed based on the following 3 indicators:

- **Signalized Intersection Delay (%)**
- **Street Lighting (LUX)**
- **Percentage of City Covered by Footpaths**

Table 2 | Calculated LoS for Pedestrian Infrastructure Facilities in Study Area

1	**Signalized Intersection Delay (%)**						
	A	Total Number of Signalized Intersections in Study Area	=	215		**LOS 1 Standard**	
	B	No. of Intersections having Avg. Pedestrian Waiting Time >45 secs	=	215		1	<25
	C	Signalized Intersection Delay in Study Area	=	(B/A)*100		2	25-50
			=	100		3	50-75
				Level of Service	| 4	4	>=75
2	**Street Lighting (LUX)**						
	A	Cumulative Frequency Crossing	=	25		**LOS 2 Standard**	
						1	>=8

					2	6-8
			=	25	3	4-6
		Level of Service	**|**	1	4	<4
3	**Percentage of City Covered (%) by Footpaths**					
	A	Total Length of Road Network in Study Area multiplied by 2	=	2676	**LOS 3 Standard**	
	B	Total Length of Footpath with Min. 1.2m available on both sides	=	258.64	1	>=75
	C	Percentage of City Covered (%) by Footpaths in Study Area	=	(B/A)*100	2	50-75
			=	9.67	3	25-50
		Level of Service	**|**	4	4	<25

Overall Level of Service of Pedestrian Infrastructure Facilities		
Overall LoS	**Calculated LoS**	**Comments**
1	3-5	The city has adequate barrier free pedestrian facilities along overall road network.
2	6-8	The city has pedestrian facilities which may need some improvements in terms of improvements in intersections, footpaths, and street lighting as some parts of the city are not served by it. The footpath available needs improvements. The system provided is otherwise comfortable and sustainable.
3	9-10	The city has pedestrian facilities which may need considerable improvements. The pedestrian facilities at intersections, availability of footpath etc., need improvements as also many parts of the city are not served by it.
4	11-12	The city lacks adequate pedestrian facilities.
Calculated LoS of Pedestrian Infrastructure Facilities in Study Area (LoS1 + LoS2 + LoS3) **4+1+4=9**		**3**

NON-MOTORIZED TRANSPORT (NMT) FACILITIES

Non-Motorized Transport facilities for Study Area are assessed based on following 3 indicators:

- **Percentage of Network Covered**
- **Encroachment on NMT Roads by Vehicle Parking**
- **NMT Parking Facilities at Interchanges (%)**

Table 3 | Calculated LoS for Non-Motorized Transport (NMT) Facilities in Study Area

1	**Percentage of Network Covered**					
	A	Total Length of Road Network in Study Area	=	1338	**LOS 1 Standard**	
	B	Total Length of NMV Network in Study Area	=	44	1	>=50
	C	Percentage of Study Area covered with NMV Network	=	(B/A)*100	2	25-50
			=	3.29	3	15-25
		Level of Service	**|**	4	4	<15
2	**Encroachment on NMT Roads by Vehicle Parking**					
	A	Total Length of Parking on Cycle Tracks in Study Area	=	0	**LOS 2 Standard**	
	B	Total Length of NMV Network in Study Area	=	44	1	<=10
	C	Percentage of On-Street Parking on Cycle Tracks	=	(A/B)*100	2	10-20
			=	0	3	20-30

		Level of Service	**|**	1	4	>30
3	**NMT Parking Facilities at Interchanges (%)**					
	A	Total Number of Interchanges (Bus Stops, Terminals & Railway Stations)	=	672	**LOS 3 Standard**	
	B	Total Number of Interchanges having NMT Parking Facilities	=	0	1	>=75
	C	NMT Parking Facilities at Interchanges (%)	=	(B/A)*100	2	50-75
			=	0	3	25-50
		Level of Service	**|**	4	4	<20

Overall Level of Service of Non-Motorized Transport Facilities		
Overall LoS	**Calculated LoS**	**Comments**
1	3-5	The city has adequate NMT facilities along overall road network.
2	6-8	The city has NMT facilities which may need some improvements in terms of encroachments, parking facilities at interchanges etc., as some parts of the city are not served by it. The system provided is otherwise comfortable and sustainable.
3	9-10	The city has NMT facilities which may need considerable improvements as many parts of the city are not served by it.
4	11-12	The city lacks adequate NMT facilities.
Calculated Level of Service of NMT Facilities in Study Area (4+1+4=9)		**3**

LEVEL OF USAGE OF INTELLIGENT TRANSPORT SYSTEM (ITS)

Level of usage of ITS facilities for Study Area is assessed based on the following 5 indicators:

- **Availability of Traffic Surveillance (%)**
- **Passenger Information System (%)**
- **Global Positioning System (GPS)/General Pocket Radio Service (GPRS) (%)**
- **Signal Synchronization (%)**
- **Integrated Ticketing System (%)**

Table 4 | Calculated LoS for Level of Usage of ITS Facilities in Study Area

1	**Availability of Traffic Surveillance (%)**					
	A	No. of CCTVs on Bus Stops, Terminals and Signalized Intersections	=	161	**LOS 1 Standard**	
	B	Total Number of Bus Stops, Terminals and Signalized Intersections	=	1234	1	>=75
	C	Availability of Traffic Surveillance in Study Area	=	(A/B)*100	2	50-75
			=	13.04	3	25-50
		Level of Service	**|**	4	4	<25
2	**Passenger Information System (%)**					
	A	No. of Bus Stops & Terminals having Passenger Info System Facility	=	163	**LOS 2 Standard**	
	B	Total Number of Bus Stops and Terminals	=	1019	1	>=75
	C	Passenger Information System in Study Area	=	(A/B)*100	2	50-75
			=	15.99	3	25-50
		Level of Service	**|**	4	4	<25

3	**Global Positioning System (GPS)/ General Pocket Radio Service (GPRS) (%)**					
	A	No. of PT & IPT with GPS/GPRS & connected to Command Center	=	875	**LOS 3 Standard**	
	B	Total Number of Public Transport and IPT Vehicles	=	7059	1	>=75
	C	GPS/GPRS in Study Area	=	(A/B)*100	2	50-75
			=	12.39	3	25-50
		Level of Service	|	4	4	<25
4	**Signal Synchronization (%)**					
	A	Number of Signals Synchronized	=	0	**LOS 4 Standard**	
	B	Total Number of Signalized Intersections	=	215	1	>=75
	C	Signal Synchronization in Study Area	=	(A/B)*100	2	50-75
			=	0	3	25-50
		Level of Service	|	4	4	<25
5	**Integrated Ticketing System (%)**					
	A	Total No. of Modes & Operators with Integrated Ticketing System	=	0	**LOS 5 Standard**	
	B	Total Number of Modes and Operators in Study Area	=	3	1	>=75
	C	Integrated Ticketing System in Study Area	=	(A/B)*100	2	50-75
			=	0	3	25-50
		Level of Service	|	4	4	<25

Overall Level of Service of Level of Usage of ITS Facilities

Overall LoS	Calculated LoS	Comments
1	5-7	The city has adequate ITS facilities.
2	8-10	The city has ITS facilities which may need some improvements in terms of Integrated Ticketing System, Signal Synchronization, GPS/GPRS, PIS etc., as some parts of the city are not served by it.
3	11-15	The city has bare minimum ITS facilities and may need considerable improvements in terms of Integrated Ticketing System, Signal Synchronization, GPS/GPRS, PIS etc., as many parts of the city are nor served by it.
4	16-20	The city lacks adequate ITS facilities

Calculated LoS of Level of Usage of ITS Facilities in Study Area (LoS1 + LoS2 + LoS3 + LoS4 + LoS5) **4**

4+4+4+4+4=20

TRAVEL SPEED ALONG MAJOR CORRIDORS

Travel speed along major corridors is assessed based on the following 2 indicators:

- **Average Travel Speed of Personal Vehicles (kmph)**
- **Average Travel Speed of Public Transport (kmph)**

Table 5 | Calculated LoS for Travel Speed along Major Corridors in Study Area

1	**Average Travel Speed of Personal Vehicles (kmph)**					
	A	Average speed of Personal Vehicles in Study Area	=	16.94	**LOS 1 Standard**	
					1	>=30
					2	25-30

					3	15-25
		Level of Service	**|**	3	4	<15
2	**Average Travel Speed of Public Transport (kmph)**					
	A	Average speed of Public Transport Vehicles in Study Area	=	13.5	**LOS 2 Standard**	
					1	>=20
					2	15-20
					3	10-15
		Level of Service	**|**	3	4	<10
Overall Level of Service of Travel Speed along Major Corridors						
Overall LoS	**Calculated LoS**	**Comments**				
1	2	Primarily free flow- movement at average travel speeds usually about 70% of the free flow speed for the key corridors.				
2	3-4	Small increase in traffic causing substantial increase in approach delay and hence, decrease in arterial speed.				
3	5-6	Significant approach delays and average travel speed of 1/3 the free flow speed or lower. Such conditions cause combination of reasons such as high signal density, extensive queuing at critical intersections and inappropriate signal timing.				
4	7-8	Key corridors at low speeds below 1/3 to 1/4 of free flow speed. Intersection congestion is likely at critical signalized locations, with high approach delays.				
Calculated LoS Travel of Speed along Major Corridors in Study Area (LoS1 + LoS2) **3**						
3+3=6						

AVAILABILITY OF PARKING SPACES

Availability of parking spaces is assessed based on the following 2 different indicators:

- **Availability of On-Street Paid Public Parking Spaces (%)**
- **Ratio of Maximum and Minimum Parking Fee**

Table 6 | Calculated LoS for Availability of Parking Spaces in Study Area

1	**Availability of On-Street Paid Public Parking Spaces (%)**					
	A	Total Available On-Street Parking Spaces (ECS) for Vehicles	=	2123	**LOS 1 Standard**	
					1	>=75
					2	50-75
					3	25-50
		Level of Service	**|**	1	4	<25
2	**Ratio of Maximum and Minimum Parking Fee**					
	A	Maximum Parking Fee in Study Area (2 & 4-Wheeler)	=	90	**LOS 2 Standard**	
	B	Minimum Parking Fee in Study Area (2 & 4-Wheeler)	=	10	1	>4
	C	Ratio of Minimum and Maximum Parking Fee in Study Area	=	(A/B)	2	2-4
					3	1-2
		Level of Service	**|**	1	4	1
Overall Level of Service of Availability of Parking Spaces						

Overall LoS	Calculated LoS	Comments
1	2	Paid parking spaces are available in the Study Area and the demand is well managed by incorporating differential parking rates for the CBD.
2	3-4	Paid parking spaces are available in the city and the demand is well managed by incorporating differential parking rates for the CBD. However, some improvements may be required
3	5-6	Paid parking spaces provided in the city need to be improved upon and to cater to the demand some differential parking rates for the CBD have been adopted. The city authorities need to initiate considerable improvements measures.
4	7-9	The city authorities need to initiate immediate actions with respect to providing paid parking spaces and demand management for parking.
Calculated LoS of Availability of Parking Spaces in Study Area (LoS1 + LoS2)		1
1+1=2		

ROAD SAFETY

Road safety for Study Area is assessed based on the following 2 indicators:

- **Fatality Rate per Lakh Population**
- **Fatality Rate for Pedestrian and NMT (%)**

Table 7 | Calculated LoS for Road Safety in Study Area

1	**Fatality Rate per Lakh Population**					
	A	Total Number of Fatalities in Road Accidents in a Calendar Year	=	307	**LOS 1 Standard**	
	B	Population of Study Area	=	7088145	1	<=2
	C	Fatality Rate per Lakh Population in Study Area	=	(A*100000)/B	2	2-4
			=	4.33	3	4-6
		Level of Service	|	3	4	>6
2	**Fatality Rate for Pedestrian and NMT (%)**					
	A	Total Number of Pedestrian & Cyclist Fatalities in a Calendar Year	=	132	**LOS 2 Standard**	
	B	Total Number of Fatalities in Road Accidents in a Calendar Year	=	307	1	<=20
	C	Fatality Rate for Pedestrian and NMT (%) in Study Area	=	(A/B)*100	2	20-40
			=	42.99	3	40-60
		Level of Service	|	3	4	>60

Overall Level of Service of Road Safety		
Overall LoS	**Calculated LoS**	**Comments**
1	2	Level of Fatality rate in a city is very low.
2	3-4	Need some improvements in road design and available road infrastructure, traffic management and other reasons which significantly contribute to road safety.
3	5-6	Need considerable improvements in road design and available road infrastructure, traffic management and other reasons which significantly contribute to road safety.
4	7-8	Level of fatality rate in a city is very high.
Calculated LoS of Road Safety in Study Area (LoS1 + LoS2)		3
3+3=6		

POLLUTION LEVELS

Pollution levels indicate the level of air pollutants in the city, i.e., average level of pollution in urban areas. The indicator to calculate pollution level is Annual Mean Concentration Range. The pollution data that needs to be collected includes:

- **Sulphur Dioxide (SO2)**
- **Oxides of Nitrogen**
- **Suspended Particle matter (SPM)**
- **RSPM (Size less than 10 microns)**

The level of service for pollutants is divided into four categories i.e., low, moderate, high, and critical. The level of service for each of the above parameters is determined using **Table 8** as recommended by MoUD. For the Study Area, the details of the pollutants are presented in **Table 9**.

Table 8 | Reference Table for Computing Pollution Levels

No.	LoS	SO_2	Oxides of Nitrogen	SPM	RSPM (<10 M)
1	Low – 1	0-40	0-40	0-180	0-40
2	Moderate -2	40-80	40-80	180-360	40-80
3	High - 3	80-120	80-120	360-540	80-120
4	Critical - 4	>120	>120	>540	>120

Table 9 | Pollutants in Study Area

No.	Pollutant	Average Present	LoS
1	Sulphur Dioxide (SO2)	21.34	1
2	Oxides of Nitrogen	24.79	1
3	Suspended Particle matter (SPM)	33.91	1
4	RSPM (Size less than 10 microns)	96.62	3

Table 10 | Calculated LoS for Pollution Levels in Study Area

Overall Level of Service of Pollution Levels		
Overall LoS	**Calculated LoS**	**Comments**
1	<=5	Level of pollution in a city is very low
2	6-9	Need some improvements in emission standards, checking pollution etc.
3	10-13	Need considerable improvements in emission standards, checking pollution etc.
4	14-16	Level of pollution in a city is very high.
Calculated LoS of Pollution Levels in Study Area (LoS1 + LoS2 + LoS3 + LoS4) 1+1+1+3=6		**2**

INTEGRATED LAND USE TRANSPORT SYSTEM

The level of service for the integrated land use transport system for Study Area is assessed based on following 7 indicators:

- **Population Density – Gross (Persons/developed area in hectare)**
- **Mixed Land use on Major Transit Corridors / Network (% area under non-residential use)**
- **Intensity of Development Citywide (FSI)**
- **Intensity of Development along Transit Corridor (FSI transit corridor/FSI)**
- **Clear Pattern and Completeness of the Network**
- **Percentage of Area under Roads**
- **Percentage Network with Exclusive ROW for Transit Network**

Table 11 | Calculated LoS for Integrated Land Use Transport System in Study Area

1	**Population Density – Gross**						
	A	Developed Area in Ha of Study Area	=	29898	**LOS 1 Standard**		
	B	Population of Study Area	=	7088145	1	>=175	
	C	Population Density	=	(B/A)	2	150-175	
			=	237.07	3	125-150	
		Level of Service	|	1	4	<125	
2	**Mixed Land use on Major Transit Corridors / Network**						
	A	Non-Residential Area along Transit Corridor in Study Area	=	428.21	**LOS 2 Standard**		
	B	Total Area along Transit Corridor in Study Area	=	1394	1	>=30	
	C	Mixed Land use on Major Transit Corridors in Study Area	=	(A/B)*100	2	15-30	
			=	30.71	3	5-15	
		Level of Service	|	1	4	<5	
3	**Intensity of Development Citywide (FSI)**						
	A	FSI/FAR Range in Study Area	=	1.8	**LOS 3 Standard**		
					1	>=2	
					2	1.5-2.0	
					3	1.0-1.5	
		Level of Service	|	2	4	<1	
4	**Intensity of Development along Transit Corridor**						
	A	FSI/FAR Range in Study Area	=	1.8	**LOS 4 Standard**		
	B	FSI/FAR along Transit Corridor in Study Area	=	1.8	1	>=2	
	C	Intensity of Development along Transit Corridor in Study Area	=	(B/A)	2	1.5-2.0	
			=	1	3	1.0-1.5	
		Level of Service	|	4	4	<1	
5	**Clear Pattern and Completeness of the Network**						
	A	Clearness and Completeness of Road Network Study Area	=	2	**LOS 5 Standard**		
					1	Clear and Complete	
					2	Somewhat Clear but Somewhat Incomplete	

					3	Somewhat Unclear and Incomplete
			Level of Service	| 2	4	No Clear Pattern and Incomplete
6	**Percentage of Area under Roads**					
	A	Overall Developed Area	=	298.98	**LOS 6 Standard**	
	B	Overall Area under Road Network	=	48.10	1	>=15
	C	Percentage of Area under Roads	=	(B/A)*100	2	12-15
			=	16.08	3	10-12
			Level of Service	| 1	4	<10
7	**Percentage Network with Exclusive ROW for Transit Network**					
	A	Total Road Length with RoW more than 9m	=	997.58	**LOS 7 Standard**	
	B	Total Road Length with Exclusive BRTS/Metro/LRT/Mono Rail	=	100	1	>=30
	C	Percentage Network with Exclusive ROW for Transit Network	=	(B/A)*100	2	20-30
			=	10.02	3	10-20
			Level of Service	| 3	4	<10

Overall Level of Service of Integrated Land Use Transport System

For > =1 million population: Calculated LoS = (LoS1 + LoS2 + LoS3 + LoS4 + LoS5 + LoS6 + LoS7)

For < 1 million population: Calculated LoS = (LoS1 + LoS2 + LoS3 + LoS4 + LoS5 + LoS6)

Overall LoS	Calculated LoS		Comments
	>= 1 Million	< 1 Million	
1	<=8	<=9	City structure is appropriately planned in a manner which patronizes public transport.
2	8-15	9-14	City structure is somewhat in coherence with the public transport system.
3	15-22	14-20	Faint coherence between city structure and public transport system.
4	22-28	20-24	Inconsistency in the city structure and public transport system leading to lesser ridership and high dependence on personalized motor vehicles.

Calculated LoS of Integrated Land Use Transport System in Study Area
(LoS1+LoS2+LoS3+LoS4+LoS5+LoS6+LoS7)

1+1+2+4+2+1+3=14

2

FINANCIAL SUSTAINABILITY OF PUBLIC TRANSPORT

The level of service of financial sustainability of public transport is assessed based on the following 3 indicators:

- **Extent of Non-Fare Revenue**
- **Staff/Bus Ratio**
- **Operating Ratio**

Table 12 | Calculated LoS for Financial Sustainability of Public Transport in Study Area

1	**Extent of Non-Fare Revenue**					
	A	Revenue per Annum from Non-Fare Revenue Sources from PT	=	39,22,82,944.32	**LOS 1 Standard**	
	B	Total Revenue per Annum from PT in Study Area	=	1,16,63,27,405.	1	>40

				32		
	C	Extent of Non-Fare Revenue from PT in Study Area	=	(A/B)	2	20-40
			=	33.63	3	10-20
		Level of Service	|	2	4	<=10
2	**Staff/Bus Ratio**					
	A	Total Staff of Public Transport System in Study Area	=	74	**LOS 2 Standard**	
	B	Total Number of Buses/other PT modes in Study Area	=	875	1	<=5.5
	C	Staff/Bus Ratio in Study Area	=	(A/B)	2	5.5-8.0
			=	11.82	3	8.0-10.0
		Level of Service	|	4	4	<10
3	**Operating Ratio**					
	A	Cost of Operations per Bus in Study Area	=	8818	**LOS 3 Standard**	
	B	Earnings per Bus in Study Area	=	2260	1	<0.7
	C	Operating ratio of Public Trasport in Study Area	=	(A/B)	2	0.7-1.0
			=	3.90	3	1.0-1.5
		Level of Service	|	4	4	>=1.5

Overall Level of Service of Financial Sustainability of Public Transport

Overall LoS	Calculated LoS	Comments
1	<=4	The public transport of a city is financially sustainable.
2	5-7	The public transport of a city is financially sustainable but needs some improvements.
3	8-9	The public transport of a city is financially sustainable but needs improvements.
4	10-12	The public transport of a city is not financially sustainable.

Calculated Level of Service of Financial Sustainability of Public Transport in Study Area (LoS1+LoS2+LoS3) **4**

2+4+4=10

CHAPTER 5
ANNEXURES



ANNEXURE 5.1 | Distribution of Forecasted Population and Workforce at TAZ Level

Business as Usual Scenario

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
1	SMC	219	31789	40622	49126	57488	11265	15216	19635	24180	145	186	224	263	51	70	90	110
2	SMC	17	12900	17366	21665	25893	5154	7025	9117	11269	759	1021	1274	1523	303	413	536	663
3	SMC	44	17895	22659	27246	31756	31071	33016	35191	37426	406	515	619	721	706	750	799	850
4	SMC	69	11481	16045	20440	24761	5341	7543	10007	12541	166	233	296	359	77	109	145	182
5	SMC	23	12307	15583	18736	21836	3319	4858	6578	8348	525	664	799	931	142	207	281	356
6	SMC	307	39892	48231	56258	64151	28470	32267	36513	40879	130	157	183	209	93	105	119	133
7	SMC	97	35992	40362	44568	48704	4104	5922	7955	10047	371	416	459	502	42	61	82	103
8	SMC	253	14982	21383	27544	33604	5658	8402	11472	14629	59	85	109	133	22	33	45	58
9	SMC	160	28670	32246	35687	39071	7714	9323	11122	12973	180	202	224	245	48	58	70	81
10	SMC	135	44416	50499	56354	62111	9098	11808	14839	17956	329	374	417	460	67	87	110	133
11	SMC	103	15009	17243	19394	21508	22212	23037	23959	24907	146	168	189	210	217	225	234	243
12	SMC	16	8499	11873	15121	18315	6260	7834	9594	11404	525	733	933	1130	386	483	592	704
13	SMC	25	21758	26746	31548	36270	10143	12626	15403	18259	853	1049	1237	1422	398	495	604	716
14	SMC	16	15168	21370	27341	33212	10386	14057	18164	22387	949	1337	1711	2078	650	880	1136	1401
15	SMC	34	16818	20814	24660	28441	10374	11983	13783	15634	489	605	716	826	301	348	400	454
16	SMC	28	34723	38696	42520	46280	9393	11159	13135	15166	1223	1363	1498	1630	331	393	463	534
17	SMC	50	19107	24269	29237	34123	16329	19285	22591	25990	379	482	580	677	324	383	448	516
18	SMC	20	2025	2025	2025	2025	181	181	181	181	102	102	102	102	9	9	9	9
19	SMC	106	70575	76736	82666	88496	15047	17443	20123	22879	664	722	778	833	142	164	189	215
20	SMC	54	46985	51059	54981	58836	9069	11010	13181	15414	863	937	1009	1080	166	202	242	283
21	SMC	183	117141	123259	129147	134934	27811	31153	34891	38734	642	675	707	739	152	171	191	212
22	SMC	230	55827	61018	66015	70928	27282	29663	32326	35063	242	265	287	308	118	129	140	152

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
23	SMC	43	10168	14286	18251	22150	8800	10706	12838	15030	236	331	423	514	204	248	298	349
24	SMC	34	11306	15475	19487	23433	8868	11385	14202	17098	333	456	574	690	261	335	418	503
25	SMC	17	13577	19432	25068	30611	7514	10399	13625	16943	806	1153	1488	1817	446	617	809	1006
26	SMC	23	8920	11873	14715	17510	6165	7931	9906	11937	382	508	630	750	264	340	424	511
27	SMC	40	18889	23207	27363	31451	10478	13468	16812	20251	474	582	686	789	263	338	421	508
28	SMC	143	19587	28518	37116	45571	8022	12199	16873	21678	137	199	260	319	56	85	118	152
29	SMC	131	31936	38785	45379	51862	6451	9808	13562	17422	244	297	347	397	49	75	104	133
30	SMC	57	15769	19615	23318	26958	4221	6423	8887	11420	279	347	412	477	75	114	157	202
31	SMC	61	16420	18506	20514	22488	2125	3226	4458	5725	269	303	336	369	35	53	73	94
32	SMC	47	36092	39916	43598	47217	15431	16744	18213	19723	768	849	927	1004	328	356	387	419
33	SMC	101	34435	39302	43985	48591	8996	11304	13885	16540	341	389	435	481	89	112	137	164
34	SMC	61	20201	29082	37632	46040	11142	15530	20438	25485	330	475	615	752	182	254	334	416
35	SMC	164	13958	17333	20582	23777	8712	10216	11899	13629	85	106	126	145	53	62	73	83
36	SMC	127	71659	74547	77325	80056	7394	8898	10580	12310	564	587	609	631	58	70	83	97
37	SMC	261	52833	60579	68035	75366	8194	11813	15860	20023	202	232	260	288	31	45	61	77
38	SMC	231	21320	31045	40407	49613	22197	26482	31275	36203	92	135	175	215	96	115	136	157
39	SMC	42	28717	32640	36415	40128	10499	11742	13131	14560	678	771	860	947	248	277	310	344
40	SMC	385	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	SMC	530	12659	17522	22203	26806	4961	7565	10479	13475	24	33	42	51	9	14	20	25
42	SMC	57	10032	12637	15146	17612	2765	3936	5246	6593	176	222	266	310	49	69	92	116
43	SMC	107	27125	33428	39496	45462	6267	9029	12119	15296	253	312	368	424	58	84	113	143
44	SMC	169	36051	44141	51929	59587	138367	141274	144520	147855	213	261	307	353	819	836	856	875
45	SMC	453	34499	51369	67608	83578	17387	25148	33830	42758	76	113	149	184	38	55	75	94
46	SMC	214	25098	31549	37760	43867	6590	9404	12552	15790	117	147	176	205	31	44	59	74
47	SMC	221	70274	73856	77302	80690	15415	16833	18419	20049	318	334	350	365	70	76	83	91
48	SMC	134	18696	25643	32330	38907	8257	12051	16294	20657	140	192	242	291	62	90	122	154

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
49	SMC	188	212669	216099	219395	222633	26189	27469	28900	30371	1128	1146	1164	1181	139	146	153	161
50	SMC	69	19338	22293	25136	27932	18672	19689	20825	21994	279	322	363	403	270	284	301	318
51	SMC	67	61429	65133	68698	72203	19036	20524	22189	23900	916	972	1025	1077	284	306	331	357
52	SMC	220	69469	76721	83701	90564	37683	41096	44914	48839	316	349	380	412	171	187	204	222
53	SMC	195	47265	64136	80377	96348	92134	99908	108601	117539	242	329	412	494	473	513	557	603
54	SMC	114	23507	29587	35439	41194	50757	53614	56808	60091	206	259	310	361	444	469	497	526
55	SMC	211	42654	47918	52985	57967	5953	7824	9917	12068	202	227	251	275	28	37	47	57
56	SMC	155	87446	95792	103825	111723	13529	17638	22234	26960	565	619	671	722	87	114	144	174
57	SMC	233	70296	74672	78882	83022	29682	31505	33542	35637	302	321	339	356	127	135	144	153
58	SMC	305	34133	48399	62131	75636	15216	21510	28549	35788	112	159	204	248	50	71	94	117
59	SMC	93	21176	27280	33156	38934	6548	9467	12733	16091	227	293	356	418	70	102	137	173
60	SMC	315	15073	22268	29193	36004	7809	11672	15994	20437	48	71	93	114	25	37	51	65
61	SMC	353	35252	52370	68848	85053	15112	22663	31110	39796	100	148	195	241	43	64	88	113
62	SMC	40	25478	29301	32981	36600	18607	20777	23203	25698	644	741	834	925	470	525	586	649
63	SMC	8	11643	14521	17292	20017	5927	7414	9076	10786	1375	1716	2043	2365	700	876	1072	1274
64	SMC	17	11643	14521	17292	20017	9054	10541	12204	13914	684	854	1017	1177	532	620	717	818
65	SMC	63	26063	30183	34150	38050	27031	29115	31445	33841	413	479	542	604	429	462	499	537
66	SMC	53	18706	22131	25428	28670	23378	25479	27829	30244	353	418	480	541	441	481	525	571
67	SMC	1896	17862	47625	76278	104455	15290	22282	30103	38146	9	25	40	55	8	12	16	20
68	SMC	198	18179	26639	34783	42791	6488	9617	13117	16716	92	134	176	216	33	49	66	84
69	SMC	196	26797	35928	44717	53360	13764	18362	23505	28794	137	183	228	272	70	94	120	147
70	SMC	49	14408	18032	21519	24949	5191	6433	7821	9249	297	371	443	514	107	133	161	191
71	SMC	28	9955	14867	19595	24245	26211	28277	30588	32963	357	532	702	868	939	1013	1096	1181
72	SMC	153	19068	26784	34212	41516	8850	12731	17072	21536	124	175	223	271	58	83	111	140
73	SMC	38	11589	17270	22739	28117	5418	8075	11047	14104	308	459	605	748	144	215	294	375
74	SMC	5	11732	14040	16262	18447	68647	69724	70927	72163	2195	2627	3042	3451	12842	13044	13269	13500

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
75	SMC	76	20619	29054	37174	45160	22153	25546	29342	33245	273	385	492	598	293	338	389	440
76	SMC	21	16662	21029	25233	29367	6710	8318	10118	11968	788	995	1194	1390	318	394	479	566
77	SMC	23	6023	9050	11963	14829	5827	7086	8495	9943	263	395	523	648	255	309	371	434
78	SMC	31	16336	24200	31770	39215	6333	9445	12925	16504	534	791	1039	1282	207	309	423	540
79	SMC	354	16860	24601	32052	39379	10768	13950	17509	21169	48	70	91	111	30	39	50	60
80	SMC	425	17916	25284	32377	39352	8591	12280	16406	20648	42	60	76	93	20	29	39	49
81	SMC	322	28631	37539	46114	54546	8307	11908	15936	20079	89	116	143	169	26	37	49	62
82	SMC	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	SMC	44	3214	4852	6428	7978	2664	4062	5626	7235	73	110	146	181	60	92	127	164
84	SMC	292	11888	16701	21334	25891	3363	5128	7103	9134	41	57	73	89	12	18	24	31
85	SMC	883	16349	46111	74765	102942	24307	31301	39124	47168	19	52	85	117	28	35	44	53
86	SMC	143	33180	50050	66289	82259	14808	22569	31251	40178	232	350	464	576	104	158	219	281
87	SMC	159	33118	49987	66226	82196	14811	22572	31254	40181	209	315	418	518	93	142	197	253
88	SMC	105	22637	30477	38025	45447	21370	24519	28041	31662	215	290	362	432	203	233	267	301
89	SMC	255	21204	28896	36300	43580	7859	11932	16488	21173	83	113	142	171	31	47	65	83
90	SMC	311	21018	29702	38061	46281	7636	11447	15709	20093	68	96	123	149	25	37	51	65
91	SMC	215	81089	85069	88899	92664	5345	7129	9123	11175	377	395	413	431	25	33	42	52
92	SMC	214	12626	16298	19833	23309	3597	5101	6782	8511	59	76	93	109	17	24	32	40
93	SMC	69	21854	28504	34905	41200	5573	8248	11240	14316	317	414	507	598	81	120	163	208
94	SMC	120	14841	17918	20881	23794	3631	5100	6742	8431	124	150	174	199	30	43	56	70
95	SMC	267	11316	16873	22223	27484	5440	8289	11476	14753	42	63	83	103	20	31	43	55
96	SMC	89	21311	29672	37721	45635	7559	10758	14336	18016	239	333	423	512	85	121	161	202
97	SMC	343	63779	68774	73580	78306	11064	13320	15844	18438	186	200	214	228	32	39	46	54
98	SMC	130	90965	95740	100335	104852	34814	36690	38787	40942	702	739	775	809	269	283	299	316
99	SMC	26	21121	24993	28721	32386	8458	9892	11497	13146	799	946	1087	1225	320	374	435	497
100	SMC	90	62298	66672	70882	75020	25853	27500	29342	31235	692	740	787	833	287	305	326	347

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
101	SMC	109	50370	54743	58951	63088	20662	22308	24149	26041	463	504	542	580	190	205	222	240
102	SMC	263	17972	26258	34234	42078	7517	10996	14887	18888	68	100	130	160	29	42	57	72
103	SMC	292	56099	60819	65362	69829	17140	19013	21107	23260	192	209	224	239	59	65	72	80
104	SMC	202	17916	23796	29457	35023	91729	93877	96276	98740	89	118	146	174	454	465	477	489
105	SMC	69	18043	24891	31483	37965	6226	9355	12855	16454	261	360	456	550	90	135	186	238
106	SMC	134	23789	31555	39031	46383	7440	11076	15143	19325	178	236	292	347	56	83	113	145
107	SMC	629	22476	52240	80894	109072	16314	23306	31127	39171	36	83	129	173	26	37	49	62
108	SMC	7	7158	9838	12417	14954	2795	3879	5091	6338	1081	1486	1875	2258	422	586	769	957
109	SMC	20	11984	15358	18607	21801	5060	6634	8394	10204	607	778	942	1104	256	336	425	517
110	SMC	2	3695	5134	6519	7881	1534	2163	2867	3591	1497	2080	2642	3194	621	877	1162	1455
111	SMC	25	19168	23139	26962	30720	7344	8813	10456	12146	772	932	1086	1237	296	355	421	489
112	SMC	163	34959	51829	68068	84038	14849	22610	31291	40219	215	318	418	516	91	139	192	247
113	SMC	80	33442	50311	66551	82521	14815	22576	31257	40185	418	629	832	1032	185	282	391	502
114	SMC	5	5715	7155	8540	9902	2312	2941	3645	4369	1061	1328	1585	1838	429	546	676	811
115	SMC	86	16613	19914	23092	26216	31088	32474	34023	35615	193	232	269	305	362	378	396	415
116	SMC	54	10180	14076	17825	21513	22593	25096	27895	30772	189	262	331	400	420	466	518	572
117	SMC	4	4291	5730	7115	8478	1763	2392	3096	3820	979	1307	1623	1934	402	546	706	871
118	SMC	34	25973	30540	34936	39259	10214	11964	13920	15932	764	899	1028	1155	301	352	410	469
119	SMC	6	5946	8129	10231	12298	2637	3686	4859	6066	1045	1429	1799	2162	464	648	854	1066
120	SMC	136	33118	49987	66226	82196	14782	22543	31225	40152	243	366	485	602	108	165	229	294
121	SMC	33	15682	23670	31360	38922	8490	12947	17933	23060	477	720	954	1185	258	394	546	702
122	SMC	5	7319	9502	11604	13671	3165	4214	5388	6594	1460	1896	2315	2727	632	841	1075	1316
123	SMC	133	126977	130270	133436	136548	9688	11332	13171	15062	957	982	1006	1030	73	85	99	114
124	SMC	4	5893	8077	10178	12245	2617	3665	4839	6045	1340	1837	2314	2784	595	833	1100	1375
125	SMC	5	6423	8606	10708	12775	2820	3869	5043	6249	1294	1734	2157	2574	568	780	1016	1259
126	SMC	121	33118	49987	66226	82196	14782	22543	31225	40152	273	412	546	678	122	186	258	331

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
127	SMC	138	23786	31230	38395	45441	9008	11649	14602	17638	173	227	279	330	65	85	106	128
128	SMC	26	16944	23196	29215	35134	5603	7946	10566	13260	649	889	1120	1347	215	305	405	508
129	SMC	102	47694	50578	53353	56082	7287	8774	10436	12146	468	497	524	551	72	86	102	119
130	SMC	140	46037	48945	51744	54496	2607	3936	5422	6950	329	349	369	389	19	28	39	50
131	SMC	111	49738	54532	59146	63683	4123	6255	8641	11094	447	490	531	572	37	56	78	100
132	SMC	259	35272	52141	68381	84351	15878	23639	32321	41248	136	201	264	325	61	91	125	159
133	SMC	167	33424	37199	40832	44404	39236	40780	42506	44280	200	222	244	265	234	244	254	265
134	SMC	35	11411	14885	18229	21517	10484	12006	13708	15459	326	426	521	615	300	343	392	442
135	SMC	122	34870	38744	42473	46139	18012	19745	21683	23675	286	318	348	378	148	162	178	194
136	SMC	45	11630	15699	19616	23468	5092	6735	8574	10464	258	348	435	520	113	149	190	232
137	SMC	85	27266	30643	33893	37089	6528	8014	9677	11386	320	360	398	436	77	94	114	134
138	SMC	155	54822	58278	61603	64872	11282	12857	14618	16428	353	376	397	418	73	83	94	106
139	SMC	102	59300	64493	69490	74403	7812	9543	11480	13471	581	632	681	729	77	94	113	132
140	SMC	206	16808	24870	32632	40265	7186	10228	13630	17129	82	121	159	196	35	50	66	83
141	SMC	79	16042	23980	31622	39138	8410	12536	17150	21896	204	305	402	498	107	159	218	278
142	SMC	61	36790	41259	45561	49791	15116	16884	18860	20893	603	676	746	816	248	277	309	342
143	SMC	20	29791	37831	45570	53181	11737	15828	20404	25109	1454	1846	2223	2595	573	772	996	1225
144	SMC	46	26577	32979	39142	45203	15635	19203	23193	27296	579	718	852	984	340	418	505	594
145	SMC	106	93287	96501	99592	102630	16385	17734	19241	20791	876	906	935	964	154	167	181	195
146	SMC	88	104270	108155	111892	115565	14663	16378	18296	20268	1187	1231	1274	1316	167	186	208	231
147	SMC	67	16924	20621	24181	27681	11365	12800	14405	16055	254	310	363	416	171	192	217	241
148	SMC	266	40975	49859	58412	66822	15230	19112	23454	27918	154	187	220	251	57	72	88	105
149	SMC	47	18218	22288	26206	30059	31495	33213	35133	37107	391	478	562	645	676	713	754	796
150	SMC	43	33835	36544	39150	41713	15294	16555	17964	19414	781	843	904	963	353	382	415	448
151	SMC	383	18573	27132	35371	43474	8377	12345	16784	21348	48	71	92	113	22	32	44	56
152	SMC	257	35916	43387	50577	57648	17614	20675	24099	27619	140	169	197	224	69	80	94	107

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
153	SMC	289	34650	51767	68246	84450	14914	22466	30913	39599	120	179	236	292	52	78	107	137
154	SMC	391	14693	21242	27547	33748	9177	13023	17324	21748	38	54	70	86	23	33	44	56
155	SMC	181	19311	25414	31290	37068	8264	10520	13042	15637	107	140	173	204	46	58	72	86
156	SMC	7	5334	6773	8159	9521	2065	2642	3287	3951	816	1037	1249	1457	316	404	503	605
157	SMC	360	33394	50264	66503	82473	14909	22670	31351	40279	93	140	185	229	41	63	87	112
158	SMC	167	24017	31510	38723	45817	9670	12205	15041	17957	144	188	232	274	58	73	90	107
159	SMC	317	20538	29420	37970	46377	16379	20156	24381	28725	65	93	120	146	52	64	77	91
160	SMC	247	13906	20580	27004	33321	5379	8001	10934	13950	56	83	109	135	22	32	44	57
161	SMC	46	6712	10086	13334	16528	13068	14416	15923	17473	147	221	293	363	287	316	350	384
162	SMC	136	16633	24299	31678	38935	6411	9400	12744	16182	122	179	233	286	47	69	94	119
163	SMC	396	12468	18819	24932	30944	9082	12754	16860	21083	31	48	63	78	23	32	43	53
164	SMC	344	34465	51582	68061	84265	14709	22260	30707	39393	100	150	198	245	43	65	89	115
165	SMC	27	26794	30866	34784	38638	10533	12090	13832	15622	1003	1156	1302	1447	394	453	518	585
166	SMC	305	13036	19387	25501	31513	6925	10491	14480	18581	43	64	84	103	23	34	48	61
167	SMC	160	16219	24157	31800	39315	6591	9894	13590	17390	102	151	199	246	41	62	85	109
168	SMC	321	17063	25299	33228	41025	6441	9604	13144	16783	53	79	104	128	20	30	41	52
169	SMC	6	6100	8284	10385	12452	2696	3745	4918	6125	1023	1390	1742	2089	452	628	825	1028
170	SMC	1	2957	4396	5781	7143	1250	1879	2583	3307	2041	3034	3990	4931	863	1297	1783	2282
171	SMC	346	37084	53954	70194	86164	16533	24294	32976	41903	107	156	203	249	48	70	95	121
172	SMC	195	16169	24405	32334	40131	6326	9647	13362	17182	83	125	166	206	32	49	69	88
173	SMC	200	22253	32027	41437	50690	9725	14008	18799	23725	111	160	207	253	49	70	94	118
174	SMC	131	21830	31605	41015	50268	9552	13835	18625	23552	167	242	314	385	73	106	143	180
175	SMC	229	7841	11835	15680	19461	2664	4062	5626	7235	34	52	68	85	12	18	25	32
176	SMC	38	32573	36447	40175	43841	11899	13387	15050	16760	852	953	1051	1147	311	350	394	438
177	SMC	267	34216	51085	67325	83294	15297	23058	31740	40667	128	192	253	312	57	86	119	153
178	SMC	502	34933	51803	68042	84012	15779	23540	32222	41149	70	103	136	167	31	47	64	82

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
179	SMC	56	65087	68569	71919	75213	5399	6903	8585	10314	1153	1214	1274	1332	96	122	152	183
180	SMC	276	136147	141028	145724	150339	14489	16763	19307	21922	494	512	529	545	53	61	70	80
181	SMC	151	82704	89412	95869	102216	12108	15535	19368	23310	546	590	633	675	80	103	128	154
182	SMC	58	28386	30697	32920	35107	4178	5244	6437	7664	487	527	565	603	72	90	111	132
183	SMC	46	29555	32461	35258	38008	4234	5563	7049	8577	639	702	763	822	92	120	152	186
184	SMC	69	37458	40340	43114	45842	5096	6442	7948	9497	545	587	627	667	74	94	116	138
185	SMC	210	34584	51702	68180	84385	14816	22368	30815	39501	165	246	324	401	70	106	147	188
186	SMC	212	80339	84518	88538	92491	5548	7454	9585	11777	379	399	418	437	26	35	45	56
187	SMC	190	73295	77646	81833	85949	7183	10050	13257	16555	385	408	430	452	38	53	70	87
188	SMC	67	41869	44702	47429	50110	3136	4464	5950	7479	627	669	710	750	47	67	89	112
189	SMC	45	8583	11982	15254	18472	3175	4626	6249	7917	189	264	336	407	70	102	138	174
190	SMC	42	13390	16070	18651	21188	2432	3709	5136	6604	315	378	439	499	57	87	121	155
191	SMC	135	65575	72108	78395	84576	5633	8587	11892	15290	485	533	579	625	42	63	88	113
192	SMC	109	24913	31265	37381	43394	6897	10515	14563	18725	228	286	342	397	63	96	133	171
193	SMC	99	23637	28402	32989	37500	3890	5673	7668	9719	238	286	333	378	39	57	77	98
194	SMC	161	35722	42101	48242	54279	7462	10958	14869	18890	222	261	299	337	46	68	92	117
195	SMC	492	22573	30463	38058	45527	28218	31176	34484	37885	46	62	77	92	57	63	70	77
196	SMC	297	22794	27559	32146	36656	11214	13121	15253	17446	77	93	108	124	38	44	51	59
197	SMC	128	19485	26457	33169	39768	8167	10737	13611	16568	152	207	259	311	64	84	106	129
198	SMC	199	44716	50228	55534	60751	13916	16469	19326	22262	225	252	279	305	70	83	97	112
199	SMC	148	21921	27901	33658	39318	26868	29634	32727	35906	148	189	228	266	182	200	221	243
200	SMC	93	17871	23727	29363	34906	19924	23282	27038	30900	193	256	317	377	215	252	292	334
201	SMC	78	29300	32999	36560	40062	3312	4781	6423	8112	375	423	468	513	42	61	82	104
202	SMC	28	18766	21472	24076	26638	3368	4487	5738	7025	671	768	861	953	120	161	205	251
203	SMC	21	13443	17214	20845	24415	3847	5385	7106	8875	649	831	1006	1179	186	260	343	428
204	SMC	105	60833	64140	67323	70452	7399	8850	10474	12143	581	612	643	673	71	85	100	116

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
205	SMC	62	41597	47605	53388	59074	7368	9799	12517	15312	672	769	862	954	119	158	202	247
206	SMC	81	46198	49752	53171	56534	7036	8837	10852	12923	567	611	652	694	86	108	133	159
207	SMC	100	53932	56916	59787	62610	7151	8585	10189	11838	540	570	599	627	72	86	102	119
208	SMC	67	39609	43260	46775	50230	5713	7147	8751	10400	588	642	694	745	85	106	130	154
209	SMC	116	69080	75712	82095	88371	10449	13229	16339	19536	593	650	705	759	90	114	140	168
210	SMC	144	26372	33146	39667	46080	7084	9549	12306	15142	183	230	276	320	49	66	86	105
211	SMC	382	42915	59786	76026	91997	21054	28816	37499	46427	112	157	199	241	55	76	98	122
212	SMC	165	23144	28282	33227	38089	6670	8751	11078	13471	140	172	202	231	40	53	67	82
213	SMC	48	15660	21267	26665	31973	5311	7689	10348	13083	329	446	559	671	111	161	217	274
214	SMC	92	33363	50232	66471	82441	16294	24056	32737	41665	363	546	723	896	177	262	356	453
215	SMC	254	16169	24405	32334	40131	7835	11243	15056	18977	64	96	127	158	31	44	59	75
216	SMC	115	16539	24403	31973	39418	6702	9901	13479	17159	143	211	277	342	58	86	117	149
217	SMC	140	38232	55102	71342	87312	14844	22605	31286	40213	273	394	510	624	106	162	224	288
218	SMC	91	19899	23374	26719	30008	3746	5267	6969	8718	220	258	295	331	41	58	77	96
219	SMC	282	38438	55308	71548	87518	17428	25189	33871	42799	136	196	254	310	62	89	120	152
220	SMC	153	39216	47158	54803	62321	7461	10625	14164	17803	257	309	359	408	49	70	93	116
221	SMC	297	59687	76560	92803	108775	17569	25330	34012	42940	201	258	313	366	59	85	115	145
222	SMC	1310	35092	51961	68201	84171	22307	30069	38752	47680	27	40	52	64	17	23	30	36
223	SMC	275	37065	53935	70175	86145	16363	24124	32806	41734	135	196	255	313	59	88	119	152
224	SMC	256	18345	27077	35484	43750	7704	11113	14926	18847	72	106	139	171	30	43	58	74
225	SMC	119	13614	19866	25884	31802	4882	7364	10141	12996	114	167	217	267	41	62	85	109
226	SMC	363	10308	14823	19170	23444	4441	6416	8626	10898	28	41	53	65	12	18	24	30
227	SMC	119	9337	13852	18198	22472	3984	5960	8169	10441	78	116	153	189	33	50	69	88
228	SMC	132	9842	14680	19337	23916	7748	9811	12119	14492	75	111	147	181	59	74	92	110
229	SMC	128	15541	23281	30732	38059	9774	12956	16515	20175	121	181	240	297	76	101	129	157
230	SMC	336	8823	12966	16954	20876	13103	14870	16846	18878	26	39	50	62	39	44	50	56

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
231	SMC	599	5844	8821	11687	14505	6163	8331	10756	13249	10	15	20	24	10	14	18	22
232	SMC	766	2484	3749	4967	6165	4375	4865	5413	5976	3	5	6	8	6	6	7	8
233	SMC	254	20028	27174	34052	40817	8332	12108	16332	20675	79	107	134	161	33	48	64	81
234	SMC	9	47511	70334	92306	113912	20080	30149	41411	52993	5189	7682	10082	12442	2193	3293	4523	5788
235	SMC	80	61713	66980	72049	77033	13955	17138	20697	24358	771	837	900	962	174	214	259	304
236	SMC	161	21447	26733	31821	36824	29223	32233	35600	39061	133	166	198	229	182	201	221	243
237	SMC	125	16096	19893	23548	27142	22737	25048	27631	30288	128	159	188	216	181	200	220	241
238	SMC	137	23611	30832	37782	44617	24789	27292	30091	32969	172	225	276	326	181	199	220	241
239	SMC	391	37383	54501	70980	87185	38192	45747	54197	62887	96	139	181	223	98	117	138	161
240	SMC	570	0	0	0	0	7095	7096	7097	7098	0	0	0	0	12	12	12	12
241	SMC	314	19214	23606	27835	31993	4310	6373	8680	11053	61	75	89	102	14	20	28	35
242	SMC	22	5964	8941	11806	14625	2757	4190	5794	7442	270	405	535	662	125	190	262	337
243	SMC	151	19184	25982	32527	38962	6010	9069	12491	16010	127	172	215	258	40	60	83	106
244	SMC	157	22518	30954	39074	47059	6650	10041	13834	17735	144	197	249	300	42	64	88	113
245	SMC	102	13912	20313	26474	32533	5115	7422	10003	12657	136	198	259	318	50	72	98	124
246	SMC	289	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
247	SMC	135	12130	17910	23475	28947	6940	10086	13606	17225	90	133	174	215	52	75	101	128
248	SMC	285	16946	25083	32916	40619	6293	9596	13292	17092	59	88	115	142	22	34	47	60
249	SMC	90	14302	21223	27886	34438	5567	8364	11492	14709	159	236	310	383	62	93	128	164
250	SMC	174	10826	15639	20272	24828	3093	4474	6019	7607	62	90	117	143	18	26	35	44
251	SMC	59	21588	29825	37754	45552	8092	11815	15980	20263	369	510	645	778	138	202	273	346
252	SMC	74	23643	31086	38252	45298	7986	11517	15466	19528	321	422	519	614	108	156	210	265
253	SMC	84	21048	29929	38479	46887	8819	12700	17041	21505	252	358	460	561	106	152	204	257
254	SMC	382	15322	21822	28079	34233	9915	12451	15287	18203	40	57	73	90	26	33	40	48
255	SMC	310	11640	17569	23277	28889	7669	11095	14927	18868	38	57	75	93	25	36	48	61
256	SMC	538	43406	60276	76517	92488	15852	23613	32294	41222	81	112	142	172	29	44	60	77

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
257	SMC	320	17170	25356	33237	40988	7608	11279	15385	19608	54	79	104	128	24	35	48	61
258	SMC	226	30072	37914	45462	52885	6998	10215	13812	17512	133	168	201	234	31	45	61	77
259	SMC	186	8527	12496	16317	20075	3153	4621	6264	7953	46	67	87	108	17	25	34	43
260	SMC	271	23056	31244	39126	46876	7476	11130	15216	19419	85	115	144	173	28	41	56	72
261	SMC	154	20165	28551	36623	44561	6987	10500	14430	18472	131	185	237	289	45	68	94	120
262	SMC	46	31148	34873	38458	41983	13566	14843	16273	17742	682	764	842	920	297	325	356	389
263	SMC	69	28942	32517	35959	39343	11299	12856	14597	16388	419	471	520	569	164	186	211	237
264	SMC	71	16411	19985	23425	26808	11531	13088	14830	16621	231	281	330	377	162	184	209	234
265	SMC	31	23203	26976	30608	34179	3449	5110	6967	8878	740	860	976	1089	110	163	222	283
266	SMC	25	21158	24484	27686	30835	2560	3783	5152	6560	843	975	1103	1228	102	151	205	261
267	SMC	48	33801	36634	39359	42039	2604	3740	5011	6318	701	760	817	872	54	78	104	131
268	SMC	51	39376	45234	50874	56419	4531	6664	9049	11502	766	880	989	1097	88	130	176	224
269	SMC	33	24796	28991	33029	37000	4795	7155	9794	12509	754	881	1004	1125	146	217	298	380
270	SMC	60	28256	31435	34494	37502	5403	6854	8477	10147	469	521	572	622	90	114	141	168
271	SMC	118	55222	61479	67503	73425	9875	12358	15135	17991	470	523	574	624	84	105	129	153
272	SMC	157	21011	30091	38832	47428	9473	13564	18139	22845	133	191	247	301	60	86	115	145
273	SMC	72	31433	37315	42977	48545	11950	14678	17729	20867	435	517	595	673	166	203	246	289
274	SMC	30	14324	19087	23673	28183	7078	9316	11819	14393	476	634	787	936	235	310	393	478
275	SMC	23	12869	16541	20076	23552	5209	6800	8580	10410	553	710	862	1011	224	292	368	447
276	SMC	116	26688	31007	35165	39253	13475	14858	16404	17994	230	268	303	339	116	128	142	155
277	SMC	76	24945	28247	31426	34551	9741	11123	12669	14258	328	372	414	455	128	146	167	188
278	SMC	33	23008	25591	28077	30521	5806	7240	8844	10493	700	779	854	929	177	220	269	319
279	SMC	137	45579	49157	52601	55986	3965	5573	7372	9222	334	360	385	410	29	41	54	68
280	SMC	125	48170	54724	61033	67236	6552	9559	12922	16381	385	438	488	538	52	76	103	131
281	SMC	30	18474	26017	33277	40417	5827	8782	12086	15484	607	855	1094	1329	192	289	397	509
282	SMC	100	45391	51697	57767	63736	5585	8172	11066	14042	456	520	581	640	56	82	111	141

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
283	SMC	66	30699	36854	42779	48605	7261	10844	14852	18974	466	559	649	737	110	164	225	288
284	SMC	65	25883	29682	33338	36933	3661	5356	7253	9203	397	455	511	566	56	82	111	141
285	SMC	148	18272	25739	32928	39997	7986	10853	14060	17358	124	174	223	271	54	73	95	117
286	SMC	117	10618	15902	20988	25991	7972	11328	15082	18943	91	136	180	222	68	97	129	162
287	SMC	309	18448	27031	35295	43420	8124	12389	17160	22066	60	88	114	141	26	40	56	71
288	SMC	491	12675	17786	22706	27544	4162	6347	8791	11304	26	36	46	56	8	13	18	23
289	RoSUDA	723	3330	4607	6533	9482	2145	2514	3080	3965	5	6	9	13	3	3	4	5
290	RoSUDA	86	2045	2804	3949	5704	339	510	774	1185	24	33	46	66	4	6	9	14
291	RoSUDA	71	450	661	979	1466	225	285	377	521	6	9	14	21	3	4	5	7
292	RoSUDA	119	2321	3852	6163	9701	1033	2141	3839	6492	20	32	52	82	9	18	32	55
293	RoSUDA	298	3015	4291	6217	9166	1001	1334	1843	2639	10	14	21	31	3	4	6	9
294	RoSUDA	341	2167	2937	4099	5879	1021	1210	1498	1950	6	9	12	17	3	4	4	6
295	RoSUDA	378	4690	5480	6673	8501	1153	1393	1761	2336	12	14	18	22	3	4	5	6
296	RoSUDA	482	2398	3674	5600	8549	1486	1818	2328	3124	5	8	12	18	3	4	5	6
297	RoSUDA	1478	5098	6374	8301	11251	4110	4443	4953	5749	3	4	6	8	3	3	3	4
298	RoSUDA	296	2207	3051	4324	6273	6779	9549	13794	20428	7	10	15	21	23	32	47	69
299	RoSUDA	262	5353	6197	7470	9421	851	1097	1475	2066	20	24	28	36	3	4	6	8
300	RoSUDA	305	1393	1701	2167	2880	874	980	1143	1397	5	6	7	9	3	3	4	5
301	RoSUDA	373	2100	2891	4083	5909	1108	1303	1602	2069	6	8	11	16	3	3	4	6
302	RoSUDA	346	24513	25450	26862	29026	1632	2740	4438	7091	71	74	78	84	5	8	13	20
303	RoSUDA	181	2171	3702	6013	9551	735	1134	1745	2701	12	20	33	53	4	6	10	15
304	RoSUDA	264	1793	2269	2985	4083	778	904	1098	1401	7	9	11	15	3	3	4	5
305	RoSUDA	143	963	1620	2612	4129	502	695	991	1453	7	11	18	29	4	5	7	10
306	RoSUDA	797	1489	2765	4691	7639	2315	2647	3157	3953	2	3	6	10	3	3	4	5
307	RoSUDA	751	2839	3461	4399	5835	2112	2320	2639	3137	4	5	6	8	3	3	4	4
308	RoSUDA	298	5303	6138	7398	9328	952	1209	1604	2221	18	21	25	31	3	4	5	7

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
309	RoSUDA	664	3238	4747	7024	10512	2015	2425	3054	4036	5	7	11	16	3	4	5	6
310	RoSUDA	253	2120	2644	3434	4645	760	905	1127	1474	8	10	14	18	3	4	4	6
311	RoSUDA	384	2022	2679	3670	5189	1115	1273	1515	1893	5	7	10	14	3	3	4	5
312	RoSUDA	348	1630	2907	4832	7780	1134	1466	1976	2772	5	8	14	22	3	4	6	8
313	RoSUDA	650	3571	3975	4585	5520	1787	1900	2075	2347	5	6	7	8	3	3	3	4
314	RoSUDA	210	1669	2326	3317	4836	657	818	1064	1449	8	11	16	23	3	4	5	7
315	RoSUDA	434	2247	2851	3762	5158	1255	1428	1693	2106	5	7	9	12	3	3	4	5
316	RoSUDA	198	1088	1692	2603	3998	6521	9291	13536	20170	5	9	13	20	33	47	68	102
317	RoSUDA	2012	18540	19030	19767	20899	5411	5582	5843	6250	9	9	10	10	3	3	3	3
318	RoSUDA	361	2661	3771	5446	8010	1132	1409	1834	2497	7	10	15	22	3	4	5	7
319	RoSUDA	683	2868	3405	4216	5458	1892	2033	2250	2588	4	5	6	8	3	3	3	4
320	RoSUDA	343	2468	3289	4529	6427	1039	1245	1562	2058	7	10	13	19	3	4	5	6
321	RoSUDA	350	1435	1995	2839	4131	1007	1138	1339	1653	4	6	8	12	3	3	4	5
322	RoSUDA	41	4560	6092	8403	11943	367	765	1377	2332	112	149	206	293	9	19	34	57
323	RoSUDA	259	4749	5531	6710	8517	799	978	1252	1681	18	21	26	33	3	4	5	6
324	RoSUDA	425	1195	1737	2554	3806	1203	1330	1526	1831	3	4	6	9	3	3	4	4
325	RoSUDA	362	4367	5060	6106	7707	1062	1230	1488	1890	12	14	17	21	3	3	4	5
326	RoSUDA	234	2332	3007	4026	5585	723	887	1139	1533	10	13	17	24	3	4	5	7
327	RoSUDA	138	2525	3209	4241	5821	472	640	898	1300	18	23	31	42	3	5	7	9
328	RoSUDA	596	2518	3794	5720	8669	1785	2118	2627	3423	4	6	10	15	3	4	4	6
329	RoSUDA	264	2271	2946	3965	5524	816	1002	1286	1731	9	11	15	21	3	4	5	7
330	RoSUDA	163	2247	3756	6033	9520	696	1106	1734	2716	14	23	37	58	4	7	11	17
331	RoSUDA	276	1699	2374	3392	4952	830	987	1227	1603	6	9	12	18	3	4	4	6
332	RoSUDA	456	2748	4257	6535	10022	1469	1879	2507	3489	6	9	14	22	3	4	5	8
333	RoSUDA	86	1197	2005	3224	5091	344	524	800	1231	14	23	37	59	4	6	9	14
334	RoSUDA	252	3257	4090	5346	7270	796	997	1306	1788	13	16	21	29	3	4	5	7

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
335	RoSUDA	682	2862	3484	4422	5859	1895	2046	2277	2637	4	5	6	9	3	3	3	4
336	RoSUDA	418	2126	2648	3435	4641	1171	1276	1438	1690	5	6	8	11	3	3	3	4
337	RoSUDA	479	2886	4418	6728	10267	1520	1919	2531	3486	6	9	14	21	3	4	5	7
338	RoSUDA	236	2444	3975	6286	9824	880	1279	1891	2846	10	17	27	42	4	5	8	12
339	RoSUDA	246	1582	2151	3008	4321	773	967	1264	1728	6	9	12	18	3	4	5	7
340	RoSUDA	411	3195	4727	7038	10576	1343	1742	2353	3309	8	11	17	26	3	4	6	8
341	RoSUDA	290	565	1048	1778	2896	895	1096	1405	1887	2	4	6	10	3	4	5	7
342	RoSUDA	573	4403	4786	5363	6247	1602	1742	1958	2294	8	8	9	11	3	3	3	4
343	RoSUDA	397	2681	3340	4335	5859	1147	1304	1545	1921	7	8	11	15	3	3	4	5
344	RoSUDA	423	2723	3999	5925	8874	1331	1664	2173	2969	6	9	14	21	3	4	5	7
345	RoSUDA	295	2793	4302	6579	10067	1043	1453	2081	3063	9	15	22	34	4	5	7	10
346	RoSUDA	379	2173	2739	3594	4902	1074	1192	1372	1653	6	7	9	13	3	3	4	4
347	RoSUDA	465	3291	4801	7078	10565	7225	9995	14240	20874	7	10	15	23	16	21	31	45
348	RoSUDA	174	2123	2616	3360	4499	553	699	922	1272	12	15	19	26	3	4	5	7
349	RoSUDA	344	1596	2289	3334	4934	1014	1179	1432	1828	5	7	10	14	3	3	4	5
350	RoSUDA	241	3296	4827	7138	10677	894	1293	1904	2859	14	20	30	44	4	5	8	12
351	RoSUDA	386	13550	15083	17396	20940	1737	2845	4543	7196	35	39	45	54	4	7	12	19
352	RoSUDA	565	3509	5019	7296	10784	2208	3316	5014	7668	6	9	13	19	4	6	9	14
353	RoSUDA	373	2395	3927	6237	9776	6983	9753	13998	20632	6	11	17	26	19	26	37	55
354	RoSUDA	260	4966	5668	6727	8349	6683	9453	13699	20332	19	22	26	32	26	36	53	78
355	RoSUDA	367	2187	2864	3886	5451	1086	1267	1544	1978	6	8	11	15	3	3	4	5
356	RoSUDA	237	1071	1870	3076	4922	1345	2453	4151	6804	5	8	13	21	6	10	17	29
357	RoSUDA	43	1949	3459	5736	9222	380	790	1418	2400	45	80	133	214	9	18	33	56
358	RoSUDA	208	1790	2351	3199	4497	627	750	938	1232	9	11	15	22	3	4	5	6
359	RoSUDA	399	2523	3799	5725	8674	1267	1599	2109	2905	6	10	14	22	3	4	5	7
360	RoSUDA	92	1356	2044	3082	4672	336	481	703	1050	15	22	34	51	4	5	8	11

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
361	RoSUDA	624	1808	2430	3368	4804	1756	1928	2192	2603	3	4	5	8	3	3	4	4
362	RoSUDA	189	1167	1784	2715	4141	585	717	919	1236	6	9	14	22	3	4	5	7
363	RoSUDA	393	3148	4054	5420	7514	1177	1397	1734	2261	8	10	14	19	3	4	4	6
364	RoSUDA	133	2402	3911	6188	9675	618	1028	1656	2638	18	29	46	72	5	8	12	20
365	RoSUDA	531	2358	3140	4319	6124	1543	1768	2112	2649	4	6	8	12	3	3	4	5
366	RoSUDA	173	2288	3042	4181	5925	595	811	1143	1660	13	18	24	34	3	5	7	10
367	RoSUDA	317	2727	4258	6569	10108	1095	1493	2105	3060	9	13	21	32	3	5	7	10
368	RoSUDA	176	920	1533	2457	3872	596	799	1110	1597	5	9	14	22	3	5	6	9
369	RoSUDA	304	1927	2540	3464	4880	6296	9066	13311	19944	6	8	11	16	21	30	44	66
370	RoSUDA	406	2325	3119	4318	6155	1200	1399	1705	2183	6	8	11	15	3	3	4	5
371	RoSUDA	157	1488	2101	3025	4440	544	748	1059	1545	10	13	19	28	3	5	7	10
372	RoSUDA	169	1288	2007	3092	4754	557	730	996	1412	8	12	18	28	3	4	6	8
373	RoSUDA	225	1548	2094	2918	4180	714	903	1191	1642	7	9	13	19	3	4	5	7
374	RoSUDA	106	1509	2122	3046	4462	365	498	702	1020	14	20	29	42	3	5	7	10
375	RoSUDA	365	2432	3018	3902	5257	1089	1286	1589	2063	7	8	11	14	3	4	4	6
376	RoSUDA	403	1536	1942	2555	3494	1168	1329	1577	1964	4	5	6	9	3	3	4	5
377	RoSUDA	354	1216	1909	2954	4554	1046	1219	1483	1897	3	5	8	13	3	3	4	5
378	RoSUDA	864	7002	8535	10846	14387	2535	2934	3546	4501	8	10	13	17	3	3	4	5
379	RoSUDA	324	1794	2416	3354	4790	979	1172	1467	1930	6	7	10	15	3	4	5	6
380	RoSUDA	380	2033	3310	5235	8184	1217	1550	2059	2855	5	9	14	22	3	4	5	8
381	RoSUDA	314	3513	5044	7355	10894	1548	2656	4354	7007	11	16	23	35	5	8	14	22
382	RoSUDA	281	3727	4393	5398	6938	877	1088	1411	1915	13	16	19	25	3	4	5	7
383	RoSUDA	529	3430	4070	5035	6513	1493	1648	1884	2254	6	8	10	12	3	3	4	4
384	RoSUDA	422	3352	3974	4912	6349	1830	2938	4636	7290	8	9	12	15	4	7	11	17
385	RoSUDA	295	2971	4502	6813	10352	1036	1435	2046	3001	10	15	23	35	4	5	7	10
386	RoSUDA	818	6292	7825	10136	13676	2414	2813	3424	4380	8	10	12	17	3	3	4	5

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
387	RoSUDA	155	2090	3600	5877	9364	675	1085	1713	2695	13	23	38	60	4	7	11	17
388	RoSUDA	1016	4295	4584	5020	5689	2710	2763	2844	2970	4	5	5	6	3	3	3	3
389	RoSUDA	689	3071	3857	5043	6859	1977	2226	2606	3201	4	6	7	10	3	3	4	5
390	RoSUDA	257	1456	2241	3427	5242	839	1087	1468	2063	6	9	13	20	3	4	6	8
391	RoSUDA	609	3902	5179	7105	10054	1821	2154	2663	3460	6	8	12	16	3	4	4	6
392	RoSUDA	247	2864	3446	4324	5668	732	857	1048	1346	12	14	17	23	3	3	4	5
393	RoSUDA	32	2134	2534	3137	4061	197	373	641	1061	68	80	99	129	6	12	20	34
394	RoSUDA	266	1859	2516	3508	5026	833	1036	1347	1834	7	9	13	19	3	4	5	7
395	RoSUDA	188	420	779	1322	2152	567	677	845	1108	2	4	7	11	3	4	4	6
396	RoSUDA	134	2162	3694	6004	9543	613	1011	1623	2578	16	28	45	71	5	8	12	19
397	RoSUDA	75	1742	2341	3245	4630	281	409	606	913	23	31	43	62	4	5	8	12
398	RoSUDA	402	2058	2624	3478	4786	1136	1253	1433	1714	5	7	9	12	3	3	4	4
399	RoSUDA	924	1993	2504	3274	4454	2516	2642	2835	3136	2	3	4	5	3	3	3	3
400	RoSUDA	571	1962	2695	3800	5493	1641	1853	2177	2683	3	5	7	10	3	3	4	5
401	RoSUDA	619	1334	1934	2838	4223	1714	1843	2040	2347	2	3	5	7	3	3	3	4
402	RoSUDA	408	1508	2170	3168	4696	1172	1321	1548	1905	4	5	8	12	3	3	4	5
403	RoSUDA	413	1483	1947	2647	3719	1156	1260	1420	1670	4	5	6	9	3	3	3	4
404	RoSUDA	512	2269	2731	3427	4495	1430	1557	1751	2054	4	5	7	9	3	3	3	4
405	RoSUDA	827	1842	2359	3139	4335	2294	2470	2741	3164	2	3	4	5	3	3	3	4
406	RoSUDA	728	675	1205	2005	3231	1988	2095	2260	2516	1	2	3	4	3	3	3	3
407	RoSUDA	185	1941	3218	5143	8092	704	1037	1546	2342	10	17	28	44	4	6	8	13
408	RoSUDA	469	1294	1916	2853	4289	1364	1561	1862	2333	3	4	6	9	3	3	4	5
409	RoSUDA	310	2141	3418	5343	8292	1033	1365	1874	2671	7	11	17	27	3	4	6	9
410	RoSUDA	230	1888	3164	5090	8038	821	1153	1663	2459	8	14	22	35	4	5	7	11
411	RoSUDA	404	3422	4284	5584	7574	1215	1447	1802	2357	8	11	14	19	3	4	4	6
412	RoSUDA	525	3536	5068	7379	10918	1643	2042	2653	3609	7	10	14	21	3	4	5	7

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
413	RoSUDA	430	13356	14220	15522	17517	1299	1554	1946	2559	31	33	36	41	3	4	5	6
414	RoSUDA	579	2471	3270	4476	6323	1684	1930	2306	2895	4	6	8	11	3	3	4	5
415	RoSUDA	583	3226	4025	5231	7078	1697	1942	2319	2907	6	7	9	12	3	3	4	5
416	RoSUDA	311	1045	1762	2844	4500	931	1106	1374	1792	3	6	9	14	3	4	4	6
417	RoSUDA	375	1851	2433	3311	4655	1068	1193	1384	1683	5	6	9	12	3	3	4	4
418	RoSUDA	294	2435	3944	6221	9708	1040	1450	2078	3060	8	13	21	33	4	5	7	10
419	RoSUDA	558	4861	6393	8704	12243	1729	2128	2740	3695	9	11	16	22	3	4	5	7
420	RoSUDA	182	2294	3825	6136	9674	739	1138	1749	2705	13	21	34	53	4	6	10	15
421	RoSUDA	335	1478	2087	3004	4410	968	1098	1298	1610	4	6	9	13	3	3	4	5
422	RoSUDA	161	17069	17743	18758	20314	545	733	1020	1469	106	110	117	126	3	5	6	9
423	RoSUDA	80	8430	9142	10215	11860	350	563	890	1401	105	114	127	148	4	7	11	17
424	RoSUDA	150	4505	6037	8348	11887	654	1053	1664	2620	30	40	56	79	4	7	11	17
425	RoSUDA	212	2221	3730	6007	9494	826	1236	1864	2846	10	18	28	45	4	6	9	13
426	RoSUDA	176	1841	2533	3578	5179	572	740	997	1400	10	14	20	30	3	4	6	8
427	RoSUDA	152	939	1631	2676	4276	509	677	935	1337	6	11	18	28	3	4	6	9
428	RoSUDA	223	508	943	1599	2604	673	807	1012	1333	2	4	7	12	3	4	5	6
429	RoSUDA	285	1802	2459	3450	4968	882	1085	1396	1883	6	9	12	17	3	4	5	7
430	RoSUDA	226	1473	2079	2993	4393	702	867	1118	1512	7	9	13	19	3	4	5	7
431	RoSUDA	184	2797	3459	4457	5986	582	731	959	1315	15	19	24	32	3	4	5	7
432	RoSUDA	301	7257	7917	8913	10439	894	1051	1292	1668	24	26	30	35	3	3	4	6
433	RoSUDA	378	15095	15904	17123	18990	1127	1328	1637	2119	40	42	45	50	3	4	4	6
434	RoSUDA	278	1657	2299	3267	4749	845	1019	1287	1705	6	8	12	17	3	4	5	6
435	RoSUDA	171	1054	1693	2657	4134	568	751	1031	1469	6	10	16	24	3	4	6	9
436	RoSUDA	439	510	910	1512	2435	1251	1398	1623	1975	1	2	3	6	3	3	4	5
437	RoSUDA	137	1462	1861	2464	3388	457	603	828	1180	11	14	18	25	3	4	6	9
438	RoSUDA	236	1902	2322	2955	3925	719	868	1098	1456	8	10	13	17	3	4	5	6

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
439	RoSUDA	164	1578	2090	2864	4049	536	696	942	1327	10	13	18	25	3	4	6	8
440	RoSUDA	584	3363	3896	4700	5932	1606	1713	1876	2130	6	7	8	10	3	3	3	4
441	RoSUDA	315	5515	6244	7343	9027	957	1153	1453	1921	18	20	23	29	3	4	5	6
442	RoSUDA	224	5111	6643	8954	12494	850	1249	1860	2816	23	30	40	56	4	6	8	13
443	RoSUDA	368	6215	6871	7860	9376	1056	1190	1395	1716	17	19	21	25	3	3	4	5
444	RoSUDA	321	2163	3695	6005	9544	1104	1503	2114	3069	7	12	19	30	3	5	7	10
445	RoSUDA	643	3156	3814	4805	6324	1797	1955	2197	2575	5	6	7	10	3	3	3	4
446	RoSUDA	311	3099	3757	4749	6267	951	1154	1465	1952	10	12	15	20	3	4	5	6
447	RoSUDA	235	4708	5528	6764	8658	740	926	1212	1659	20	24	29	37	3	4	5	7
448	RoSUDA	116	3924	4781	6074	8055	447	664	996	1516	34	41	52	69	4	6	9	13
449	RoSUDA	373	4658	5467	6686	8554	6983	9753	13998	20632	12	15	18	23	19	26	38	55
450	RoSUDA	1657	262	486	824	1342	16364	34829	63125	107346	0	0	0	1	10	21	38	65
451	RoSUDA	333	7153	7978	9222	11127	6876	9646	13891	20525	22	24	28	33	21	29	42	62
452	RoSUDA	383	5307	5985	7007	8573	7009	9779	14024	20658	14	16	18	22	18	26	37	54
453	RoSUDA	229	2034	2487	3170	4217	691	828	1037	1364	9	11	14	18	3	4	5	6
454	RoSUDA	386	1523	1918	2514	3427	1090	1201	1373	1640	4	5	7	9	3	3	4	4
455	RoSUDA	985	4180	5457	7383	10332	2810	3143	3653	4449	4	6	7	10	3	3	4	5
456	RoSUDA	372	1863	2662	3867	5714	1127	1352	1697	2237	5	7	10	15	3	4	5	6
457	RoSUDA	613	3276	4552	6478	9427	1830	2163	2672	3469	5	7	11	15	3	4	4	6
458	RoSUDA	406	1489	2765	4691	7639	1285	1617	2127	2923	4	7	12	19	3	4	5	7
459	RoSUDA	296	5236	6196	7643	9860	956	1227	1643	2293	18	21	26	33	3	4	6	8
460	RoSUDA	1283	10494	11313	12547	14438	3545	3799	4189	4797	8	9	10	11	3	3	3	4
461	RoSUDA	424	1979	2691	3766	5413	1224	1390	1645	2043	5	6	9	13	3	3	4	5
462	RoSUDA	185	1926	2619	3664	5264	598	766	1023	1426	10	14	20	28	3	4	6	8
463	RoSUDA	105	1985	3494	5771	9258	996	2104	3802	6455	19	33	55	88	9	20	36	62
464	RoSUDA	21	1067	1901	3160	5088	776	1884	3581	6235	50	90	149	240	37	89	169	294

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
465	RoSUDA	151	2116	3348	5207	8053	1118	2226	3923	6577	14	22	34	53	7	15	26	44
466	RoSUDA	236	2357	3469	5147	7716	821	1127	1597	2331	10	15	22	33	3	5	7	10
467	RoSUDA	126	1686	2335	3313	4810	481	713	1068	1623	13	19	26	38	4	6	9	13

Sustainable Urban Transport Scenario

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
1	SMC	219	31789	41775	53389	65391	11265	16269	22510	29766	145	191	244	299	51	74	103	136
2	SMC	17	12900	17949	23821	29889	5154	7523	10478	13913	759	1055	1401	1758	303	442	616	818
3	SMC	44	17895	23281	29545	36018	31071	33535	36606	40174	406	529	671	818	706	761	831	912
4	SMC	69	11481	16641	22643	28846	5341	8130	11610	15655	166	241	328	418	77	118	168	227
5	SMC	23	12307	16010	20317	24767	3319	5268	7698	10523	525	683	866	1056	142	225	328	449
6	SMC	307	39892	49319	60283	71612	28470	33279	39275	46245	130	160	196	233	93	108	128	150
7	SMC	97	35992	40932	46677	52613	4104	6406	9278	12617	371	422	481	542	42	66	96	130
8	SMC	253	14982	22218	30634	39331	5658	9134	13469	18509	59	88	121	155	22	36	53	73
9	SMC	160	28670	32712	37413	42269	7714	9752	12293	15247	180	205	234	265	48	61	77	96
10	SMC	135	44416	51293	59289	67552	9098	12530	16811	21788	329	380	439	500	67	93	124	161
11	SMC	103	15009	17534	20472	23507	22212	23257	24559	26072	146	171	200	229	217	227	240	254
12	SMC	16	8499	12313	16750	21334	6260	8253	10739	13629	525	760	1034	1317	386	509	663	841
13	SMC	25	21758	27397	33955	40732	10143	13288	17210	21769	853	1074	1332	1597	398	521	675	854
14	SMC	16	15168	22179	30334	38762	10386	15036	20835	27577	949	1388	1898	2425	650	941	1304	1725
15	SMC	34	16818	21335	26588	32016	10374	12412	14954	17909	489	620	772	930	301	361	434	520
16	SMC	28	34723	39214	44437	49834	9393	11630	14420	17663	1223	1381	1565	1755	331	410	508	622
17	SMC	50	19107	24942	31728	38740	16329	20073	24741	30169	379	495	630	769	324	398	491	599

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
18	SMC	20	2025	2025	2025	2025	181	181	181	181	102	102	102	102	9	9	9	9
19	SMC	106	70575	77540	85639	94006	15047	18082	21867	26267	664	730	806	884	142	170	206	247
20	SMC	54	46985	51591	56947	62480	9069	11527	14593	18158	863	947	1046	1147	166	212	268	333
21	SMC	183	117141	124057	132098	140404	27811	32044	37323	43458	642	680	724	769	152	176	204	238
22	SMC	230	55827	61696	68520	75571	27282	30298	34058	38428	242	268	298	328	118	132	148	167
23	SMC	43	10168	14823	20239	25834	8800	11214	14225	17725	236	344	470	599	204	260	330	411
24	SMC	34	11306	16018	21499	27162	8868	12057	16034	20657	333	472	633	800	261	355	472	608
25	SMC	17	13577	20196	27894	35850	7514	11168	15724	21022	806	1199	1656	2128	446	663	933	1248
26	SMC	23	8920	12258	16140	20152	6165	8401	11191	14434	382	525	691	863	264	360	479	618
27	SMC	40	18889	23770	29447	35314	10478	14265	18987	24478	474	596	738	885	263	358	476	614
28	SMC	143	19587	29683	41427	53562	8022	13313	19912	27585	137	208	290	375	56	93	139	193
29	SMC	131	31936	39679	48684	57990	6451	10702	16004	22167	244	303	372	444	49	82	122	170
30	SMC	57	15769	20117	25174	30400	4221	7010	10489	14534	279	356	445	538	75	124	185	257
31	SMC	61	16420	18778	21520	24353	2125	3520	5259	7282	269	308	353	399	35	58	86	119
32	SMC	47	36092	40415	45443	50638	15431	17094	19168	21578	768	860	967	1077	328	364	408	459
33	SMC	101	34435	39936	46333	52944	8996	11919	15565	19803	341	395	458	524	89	118	154	196
34	SMC	61	20201	30241	41919	53987	11142	16699	23631	31689	330	494	685	882	182	273	386	518
35	SMC	164	13958	17773	22211	26796	8712	10617	12993	15755	85	108	136	163	53	65	79	96
36	SMC	127	71659	74924	78718	82637	7394	9299	11674	14436	564	590	620	651	58	73	92	114
37	SMC	261	52833	61589	71772	82294	8194	12777	18493	25139	202	236	275	315	31	49	71	96
38	SMC	231	21320	32313	45100	58314	22197	27624	34392	42260	92	140	195	253	96	120	149	183
39	SMC	42	28717	33151	38308	43637	10499	12073	14035	16316	678	783	904	1030	248	285	331	385
40	SMC	385	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	SMC	530	12659	18156	24550	31157	4961	8259	12374	17157	24	34	46	59	9	16	23	32
42	SMC	57	10032	12977	16403	19943	2765	4248	6098	8249	176	228	288	350	49	75	107	145
43	SMC	107	27125	34250	42538	51101	6267	9766	14129	19201	253	319	396	476	58	91	132	179

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
44	SMC	169	36051	45196	55833	66825	138367	142049	146632	151954	213	268	331	396	819	841	868	900
45	SMC	453	34499	53569	75750	98672	17387	27217	39477	53731	76	118	167	218	38	60	87	119
46	SMC	214	25098	32391	40874	49640	6590	10154	14600	19769	117	151	191	232	31	47	68	92
47	SMC	221	70274	74323	79030	83892	15415	17211	19450	22053	318	337	358	380	70	78	88	100
48	SMC	134	18696	26549	35683	45122	8257	13062	19054	26020	140	198	267	337	62	98	142	194
49	SMC	188	212669	216546	221048	225693	26189	27810	29831	32179	1128	1149	1173	1197	139	148	158	171
50	SMC	69	19338	22678	26562	30575	18672	19960	21565	23430	279	328	384	442	270	288	311	338
51	SMC	67	61429	65616	70485	75515	19036	20921	23271	26003	916	979	1052	1127	284	312	347	388
52	SMC	220	69469	77667	87201	97051	37683	42006	47397	53663	316	353	396	441	171	191	215	244
53	SMC	195	47265	66337	88520	111443	92134	101980	114256	128524	242	340	454	572	473	523	586	659
54	SMC	114	23507	30380	38373	46633	50757	54375	58885	64126	206	266	336	408	444	476	515	561
55	SMC	211	42654	48605	55525	62675	5953	8323	11278	14713	202	231	264	297	28	39	54	70
56	SMC	155	87446	96881	107852	119187	13529	18733	25223	32768	565	626	697	770	87	121	163	212
57	SMC	233	70296	75243	80993	86934	29682	31991	34868	38211	302	323	348	373	127	137	150	164
58	SMC	305	34133	50259	69016	88399	15216	23187	33128	44686	112	165	226	290	50	76	109	147
59	SMC	93	21176	28076	36102	44395	6548	10246	14857	20218	227	301	387	476	70	110	159	217
60	SMC	315	15073	23206	32666	42441	7809	12702	18805	25899	48	74	104	135	25	40	60	82
61	SMC	353	35252	54602	77110	100369	15112	24676	36605	50473	100	154	218	284	43	70	104	143
62	SMC	40	25478	29800	34826	40020	18607	21355	24782	28765	644	753	880	1011	470	540	626	727
63	SMC	8	11643	14897	18681	22592	5927	7810	10158	12887	1375	1760	2207	2669	700	923	1200	1522
64	SMC	17	11643	14897	18681	22592	9054	10937	13286	16015	684	876	1098	1328	532	643	781	942
65	SMC	63	26063	30721	36139	41736	27031	29670	32961	36785	413	487	573	662	429	471	523	583
66	SMC	53	18706	22578	27081	31735	23378	26039	29357	33213	353	426	511	599	441	492	554	627
67	SMC	1896	17862	51507	90643	131088	15290	26359	40165	56216	9	27	48	69	8	14	21	30
68	SMC	198	18179	27742	38866	50360	6488	10451	15393	21140	92	140	196	254	33	53	78	107
69	SMC	196	26797	37119	49124	61530	13764	19587	26851	35294	137	190	251	314	70	100	137	180

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
70	SMC	49	14408	18504	23268	28190	5191	6764	8725	11004	297	381	479	581	107	139	180	227
71	SMC	28	9955	15507	21966	28640	26211	28828	32091	35883	357	555	787	1026	939	1032	1149	1285
72	SMC	153	19068	27790	37936	48419	8850	13766	19896	27023	124	181	247	316	58	90	130	176
73	SMC	38	11589	18011	25481	33200	5418	8783	12981	17860	308	479	678	883	144	234	345	475
74	SMC	5	11732	14341	17376	20511	68647	70012	71710	73680	2195	2683	3251	3837	12842	13097	13415	13784
75	SMC	76	20619	30154	41245	52707	22153	26451	31811	38042	273	399	546	698	293	350	421	504
76	SMC	21	16662	21599	27341	33275	6710	8747	11288	14242	788	1022	1294	1575	318	414	534	674
77	SMC	23	6023	9445	13424	17537	5827	7422	9411	11723	263	412	586	766	255	324	411	512
78	SMC	31	16336	25225	35566	46251	6333	10274	15189	20904	534	825	1163	1512	207	336	497	683
79	SMC	354	16860	25610	35788	46305	10768	14798	19824	25668	48	72	101	131	30	42	56	73
80	SMC	425	17916	26245	35933	45945	8591	13263	19090	25863	42	62	85	108	20	31	45	61
81	SMC	322	28631	38701	50413	62515	8307	12868	18557	25170	89	120	156	194	26	40	58	78
82	SMC	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	SMC	44	3214	5065	7218	9443	2664	4435	6644	9212	73	115	163	214	60	100	150	209
84	SMC	292	11888	17329	23657	30197	3363	5599	8388	11630	41	59	81	103	12	19	29	40
85	SMC	883	16349	49994	89130	129574	24307	42018	64108	89789	19	57	101	147	28	48	73	102
86	SMC	143	33180	52250	74431	97353	14808	24638	36898	51152	232	366	521	681	104	172	258	358
87	SMC	159	33118	52187	74368	97290	14811	24641	36901	51154	209	329	469	614	93	155	233	323
88	SMC	105	22637	31500	41809	52462	21370	25358	30332	36113	215	299	397	499	203	241	288	343
89	SMC	255	21204	29899	40012	50462	7859	13018	19451	26931	83	117	157	198	31	51	76	106
90	SMC	311	21018	30834	42252	54050	7636	12462	18482	25480	68	99	136	174	25	40	60	82
91	SMC	215	81089	85589	90819	96222	5345	7604	10421	13696	377	398	422	447	25	35	48	64
92	SMC	214	12626	16777	21606	26595	3597	5501	7876	10637	59	78	101	124	17	26	37	50
93	SMC	69	21854	29371	38115	47150	5573	8961	13186	18097	317	427	554	685	81	130	192	263
94	SMC	120	14841	18320	22366	26547	3631	5491	7811	10507	124	153	187	222	30	46	65	88
95	SMC	267	11316	17598	24905	32456	5440	9048	13549	18782	42	66	93	122	20	34	51	70

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
96	SMC	89	21311	30762	41756	53116	7559	11611	16664	22539	239	345	468	595	85	130	187	253
97	SMC	343	63779	69425	75990	82772	11064	13922	17485	21627	186	202	221	241	32	41	51	63
98	SMC	130	90965	96363	102639	109121	34814	37190	40151	43592	702	744	792	842	269	287	310	337
99	SMC	26	21121	25499	30589	35849	8458	10275	12540	15174	799	965	1157	1356	320	389	474	574
100	SMC	90	62298	67243	72992	78932	25853	27939	30540	33561	692	747	811	877	287	310	339	373
101	SMC	109	50370	55313	61061	66999	20662	22747	25346	28367	463	509	562	616	190	209	233	261
102	SMC	263	17972	27338	38234	49492	7517	11923	17418	23807	68	104	146	188	29	45	66	91
103	SMC	292	56099	61435	67640	74051	17140	19512	22469	25907	192	211	232	254	59	67	77	89
104	SMC	202	17916	24563	32295	40285	91729	94449	97836	101769	89	122	160	200	454	468	485	504
105	SMC	69	18043	25784	34788	44092	6226	10189	15131	20878	261	373	504	638	90	148	219	302
106	SMC	134	23789	32568	42779	53331	7440	12045	17789	24466	178	244	320	399	56	90	133	183
107	SMC	629	22476	56122	95259	135704	16314	25170	36216	49057	36	89	151	216	26	40	58	78
108	SMC	7	7158	10187	13710	17351	2795	4168	5880	7870	1081	1538	2070	2620	422	629	888	1189
109	SMC	20	11984	15798	20235	24820	5060	7053	9539	12428	607	800	1024	1257	256	357	483	629
110	SMC	2	3695	5321	7213	9169	1534	2331	3325	4480	1497	2157	2923	3716	621	945	1347	1816
111	SMC	25	19168	23657	28878	34273	7344	9204	11525	14222	772	953	1163	1380	296	371	464	573
112	SMC	163	34959	54029	76210	99132	14849	24678	36939	51192	215	332	468	608	91	151	227	314
113	SMC	80	33442	52512	74693	97614	14815	24645	36905	51158	418	657	934	1220	185	308	461	640
114	SMC	5	5715	7342	9235	11190	2312	3109	4103	5259	1061	1363	1714	2077	429	577	761	976
115	SMC	86	16613	20345	24685	29169	31088	32843	35030	37572	193	237	287	340	362	382	408	437
116	SMC	54	10180	14584	19705	24998	22593	25763	29715	34309	189	271	366	464	420	479	552	637
117	SMC	4	4291	5918	7810	9765	1763	2560	3554	4710	979	1350	1781	2227	402	584	811	1074
118	SMC	34	25973	31136	37140	43345	10214	12430	15193	18404	764	916	1093	1276	301	366	447	542
119	SMC	6	5946	8414	11285	14251	2637	3965	5622	7549	1045	1479	1984	2506	464	697	988	1327
120	SMC	136	33118	52187	74368	97290	14782	24612	36872	51126	243	382	545	713	108	180	270	375
121	SMC	33	15682	24712	35216	46070	8490	14135	21177	29363	477	752	1072	1402	258	430	644	894

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
122	SMC	5	7319	9787	12658	15625	3165	4494	6151	8077	1460	1953	2525	3117	632	897	1227	1611
123	SMC	133	126977	130699	135024	139489	9688	11770	14367	17386	957	985	1018	1052	73	89	108	131
124	SMC	4	5893	8361	11232	14199	2617	3945	5602	7528	1340	1901	2554	3229	595	897	1274	1712
125	SMC	5	6423	8891	11762	14728	2820	4149	5806	7732	1294	1791	2369	2967	568	836	1170	1558
126	SMC	121	33118	52187	74368	97290	14782	24612	36872	51126	273	431	614	803	122	203	304	422
127	SMC	138	23786	32201	41988	52101	9008	12352	16523	21371	173	234	305	379	65	90	120	155
128	SMC	26	16944	24012	32233	40728	5603	8570	12270	16572	649	920	1235	1561	215	328	470	635
129	SMC	102	47694	50954	54745	58660	7287	9170	11518	14247	468	500	538	576	72	90	113	140
130	SMC	140	46037	49325	53148	57097	2607	4290	6388	8828	329	352	379	408	19	31	46	63
131	SMC	111	49738	55157	61459	67970	4123	6824	10193	14109	447	496	552	611	37	61	92	127
132	SMC	259	35272	54342	76523	99445	15878	25708	37968	52222	136	210	295	384	61	99	146	201
133	SMC	167	33424	37691	42654	47781	39236	41192	43629	46461	200	225	255	286	234	246	261	278
134	SMC	35	11411	15338	19905	24625	10484	12412	14816	17610	326	439	569	704	300	355	424	504
135	SMC	122	34870	39250	44343	49605	18012	20207	22943	26124	286	322	363	407	148	166	188	214
136	SMC	45	11630	16230	21580	27109	5092	7173	9769	12787	258	359	478	600	113	159	216	283
137	SMC	85	27266	31084	35523	40110	6528	8410	10758	13488	320	365	418	471	77	99	126	159
138	SMC	155	54822	58728	63270	67962	11282	13276	15763	18654	353	379	408	438	73	86	102	120
139	SMC	102	59300	65170	71995	79046	7812	10005	12739	15918	581	639	706	775	77	98	125	156
140	SMC	206	16808	25922	36523	47479	7186	11039	15844	21430	82	126	178	231	35	54	77	104
141	SMC	79	16042	25016	35454	46241	8410	13635	20152	27728	204	318	451	588	107	173	256	353
142	SMC	61	36790	41842	47718	53789	15116	17355	20146	23391	603	685	782	881	248	284	330	383
143	SMC	20	29791	38880	49450	60374	11737	16918	23381	30893	1454	1897	2413	2946	573	825	1141	1507
144	SMC	46	26577	33814	42232	50931	15635	20154	25788	32339	579	736	919	1109	340	439	561	704
145	SMC	106	93287	96920	101141	105501	16385	18093	20222	22697	876	910	950	991	154	170	190	213
146	SMC	88	104270	108661	113765	119036	14663	16835	19543	22692	1187	1237	1295	1355	167	192	222	258
147	SMC	67	16924	21104	25965	30989	11365	13182	15448	18082	254	317	390	466	171	198	232	272

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
148	SMC	266	40975	51018	62699	74770	15230	20146	26278	33406	154	192	236	281	57	76	99	126
149	SMC	47	18218	22819	28170	33700	31495	33671	36382	39534	391	490	604	723	676	722	781	848
150	SMC	43	33835	36897	40457	44135	15294	16891	18881	21195	781	852	934	1019	353	390	436	489
151	SMC	383	18573	28248	39502	51132	8377	13403	19671	26958	48	74	103	133	22	35	51	70
152	SMC	257	35916	44361	54183	64332	17614	21491	26326	31946	140	173	211	250	69	84	102	124
153	SMC	289	34650	54000	76507	99766	14914	24478	36407	50276	120	187	265	345	52	85	126	174
154	SMC	391	14693	22097	30708	39608	9177	14048	20123	27186	38	56	78	101	23	36	51	69
155	SMC	181	19311	26211	34236	42529	8264	11121	14684	18826	107	145	189	235	46	61	81	104
156	SMC	7	5334	6961	8853	10809	2065	2796	3707	4767	816	1065	1355	1654	316	428	567	730
157	SMC	360	33394	52464	74645	97567	14909	24739	36999	51252	93	146	208	271	41	69	103	142
158	SMC	167	24017	32487	42340	52521	9670	12881	16886	21541	144	194	253	314	58	77	101	129
159	SMC	317	20538	30578	42256	54324	16379	21163	27129	34065	65	96	133	171	52	67	85	107
160	SMC	247	13906	21450	30225	39292	5379	8700	12842	17658	56	87	122	159	22	35	52	72
161	SMC	46	6712	10526	14962	19547	13068	14775	16904	19377	147	231	328	429	287	324	371	425
162	SMC	136	16633	25298	35378	45794	6411	10197	14919	20409	122	186	260	337	47	75	110	150
163	SMC	396	12468	19647	27997	36627	9082	13732	19531	26273	31	50	71	92	23	35	49	66
164	SMC	344	34465	53815	76322	99581	14709	24273	36202	50070	100	157	222	290	43	71	105	146
165	SMC	27	26794	31397	36749	42280	10533	12505	14965	17823	1003	1175	1376	1583	394	468	560	667
166	SMC	305	13036	20215	28566	37195	6925	11441	17074	23623	43	66	94	122	23	38	56	78
167	SMC	160	16219	25193	35631	46418	6591	10775	15994	22061	102	158	223	291	41	67	100	138
168	SMC	321	17063	26374	37203	48395	6441	10448	15446	21256	53	82	116	151	20	33	48	66
169	SMC	6	6100	8568	11439	14406	2696	4025	5682	7608	1023	1437	1919	2417	452	675	953	1276
170	SMC	1	2957	4584	6476	8431	1250	2047	3041	4196	2041	3164	4470	5819	863	1413	2099	2897
171	SMC	346	37084	56154	78336	101258	16533	26363	38623	52877	107	163	227	293	48	76	112	153
172	SMC	195	16169	25480	36309	47500	6326	10532	15779	21878	83	131	186	244	32	54	81	112
173	SMC	200	22253	33302	46155	59436	9725	15150	21915	29781	111	166	230	297	49	76	109	149

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
174	SMC	131	21830	32880	45732	59014	9552	14976	21742	29607	167	252	350	452	73	115	167	227
175	SMC	229	7841	12356	17608	23035	2664	4435	6644	9212	34	54	77	101	12	19	29	40
176	SMC	38	32573	36952	42045	47306	11899	13783	16132	18862	852	967	1100	1237	311	361	422	493
177	SMC	267	34216	53285	75466	98388	15297	25127	37387	51641	128	200	283	369	57	94	140	194
178	SMC	502	34933	54003	76184	99106	15779	25609	37869	52123	70	108	152	198	31	51	75	104
179	SMC	56	65087	69023	73599	78326	5399	7304	9679	12440	1153	1222	1303	1387	96	129	171	220
180	SMC	276	136147	141665	148078	154701	14489	17370	20961	25137	494	514	537	561	53	63	76	91
181	SMC	151	82704	90287	99106	108216	12108	16449	21862	28155	546	596	654	714	80	109	144	186
182	SMC	58	28386	30998	34035	37173	4178	5528	7213	9172	487	532	584	638	72	95	124	157
183	SMC	46	29555	32840	36660	40607	4234	5917	8016	10456	639	710	793	878	92	128	173	226
184	SMC	69	37458	40716	44505	48420	5096	6801	8928	11400	545	593	648	705	74	99	130	166
185	SMC	210	34584	53934	76442	99700	14816	24381	36309	50178	165	257	364	474	70	116	173	239
186	SMC	212	80339	85063	90554	96226	5548	7962	10972	14471	379	402	427	454	26	38	52	68
187	SMC	190	73295	78213	83932	89839	7183	10814	15343	20608	385	411	441	472	38	57	81	108
188	SMC	67	41869	45072	48796	52643	3136	4818	6917	9357	627	674	730	788	47	72	104	140
189	SMC	45	8583	12426	16895	21513	3175	5012	7304	9969	189	274	372	474	70	110	161	220
190	SMC	42	13390	16420	19944	23586	2432	4049	6064	8408	315	387	469	555	57	95	143	198
191	SMC	135	65575	72960	81547	90419	5633	9375	14041	19466	485	539	603	668	42	69	104	144
192	SMC	109	24913	32094	40446	49077	6897	11480	17196	23841	228	294	370	449	63	105	157	218
193	SMC	99	23637	29024	35289	41763	3890	6149	8965	12240	238	293	356	421	39	62	90	123
194	SMC	161	35722	42933	51320	59986	7462	11890	17413	23833	222	266	318	372	46	74	108	148
195	SMC	492	22573	31492	41866	52586	28218	31964	36635	42065	46	64	85	107	57	65	74	85
196	SMC	297	22794	28181	34446	40919	11214	13629	16640	20141	77	95	116	138	38	46	56	68
197	SMC	128	19485	27367	36533	46006	8167	11422	15481	20201	152	214	285	359	64	89	121	158
198	SMC	199	44716	50947	58194	65682	13916	17150	21183	25872	225	256	292	330	70	86	106	130
199	SMC	148	21921	28681	36544	44669	26868	30371	34738	39814	148	194	247	302	182	205	235	269

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
200	SMC	93	17871	24490	32189	40145	19924	24177	29482	35648	193	265	348	434	215	261	319	385
201	SMC	78	29300	33482	38346	43371	3312	5172	7492	10188	375	429	491	556	42	66	96	131
202	SMC	28	18766	21825	25382	29058	3368	4785	6553	8607	671	781	908	1040	120	171	234	308
203	SMC	21	13443	17706	22665	27790	3847	5795	8225	11050	649	855	1094	1341	186	280	397	533
204	SMC	105	60833	64572	68919	73409	7399	9237	11530	14195	581	617	658	701	71	88	110	136
205	SMC	62	41597	48388	56287	64448	7368	10446	14285	18748	672	781	909	1041	119	169	231	303
206	SMC	81	46198	50215	54886	59711	7036	9317	12162	15469	567	616	674	733	86	114	149	190
207	SMC	100	53932	57305	61227	65278	7151	8967	11232	13866	540	574	613	654	72	90	112	139
208	SMC	67	39609	43737	48537	53496	5713	7529	9794	12427	588	649	720	794	85	112	145	184
209	SMC	116	69080	76577	85295	94302	10449	13970	18362	23467	593	657	732	810	90	120	158	201
210	SMC	144	26372	34030	42937	52141	7084	10206	14100	18627	183	236	298	362	49	71	98	129
211	SMC	382	42915	61986	84169	107092	21054	30885	43147	57401	112	162	221	281	55	81	113	150
212	SMC	165	23144	28952	35706	42685	6670	9305	12592	16412	140	176	217	259	40	56	76	100
213	SMC	48	15660	21999	29371	36990	5311	8322	12078	16444	329	462	616	776	111	175	253	345
214	SMC	92	33363	52432	74613	97535	16294	26124	38385	52638	363	570	811	1060	177	284	417	572
215	SMC	254	16169	25480	36309	47500	7835	12152	17537	23797	64	100	143	187	31	48	69	94
216	SMC	115	16539	25429	35769	46455	6702	10753	15807	21681	143	220	310	403	58	93	137	188
217	SMC	140	38232	57302	79484	102406	14844	24673	36933	51187	273	410	568	732	106	176	264	366
218	SMC	91	19899	23828	28396	33117	3746	5673	8075	10868	220	263	314	366	41	63	89	120
219	SMC	282	38438	57508	79690	102612	17428	27258	39519	53773	136	204	283	364	62	97	140	191
220	SMC	153	39216	48194	58636	69426	7461	11468	16466	22277	257	315	384	454	49	75	108	146
221	SMC	297	59687	78761	100946	123871	17569	27399	39660	53913	201	265	340	417	59	92	134	182
222	SMC	1310	35092	54161	76343	99265	22307	32138	44400	58655	27	41	58	76	17	25	34	45
223	SMC	275	37065	56136	78317	101239	16363	26193	38454	52707	135	204	285	368	59	95	140	192
224	SMC	256	18345	28216	39698	51564	7704	12022	17407	23667	72	110	155	201	30	47	68	92
225	SMC	119	13614	20681	28901	37396	4882	8026	11947	16505	114	173	242	313	41	67	100	138

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
226	SMC	363	10308	15412	21349	27484	4441	6943	10063	13691	28	42	59	76	12	19	28	38
227	SMC	119	9337	14441	20377	26512	3984	6486	9607	13234	78	121	171	223	33	54	81	111
228	SMC	132	9842	15311	21672	28245	7748	10361	13620	17409	75	116	164	214	59	79	103	132
229	SMC	128	15541	24290	34467	44984	9774	13804	18830	24673	121	189	269	351	76	108	147	192
230	SMC	336	8823	13506	18954	24583	13103	15341	18132	21376	26	40	56	73	39	46	54	64
231	SMC	599	5844	9210	13124	17169	6163	8909	12333	16314	10	15	22	29	10	15	21	27
232	SMC	766	2484	3914	5578	7297	4375	4996	5769	6669	3	5	7	10	6	7	8	9
233	SMC	254	20028	28106	37501	47210	8332	13115	19079	26013	79	111	148	186	33	52	75	102
234	SMC	9	47511	73311	103321	134333	20080	32833	48738	67229	5189	8007	11285	14672	2193	3586	5323	7343
235	SMC	80	61713	67667	74590	81743	13955	17986	23013	28857	771	845	932	1021	174	225	288	361
236	SMC	161	21447	27422	34372	41553	29223	33036	37790	43316	133	171	214	259	182	206	235	270
237	SMC	125	16096	20388	25380	30539	22737	25663	29312	33553	128	162	202	243	181	205	234	267
238	SMC	137	23611	31774	41267	51078	24789	27959	31912	36506	172	232	301	373	181	204	233	266
239	SMC	391	37383	56734	79241	102501	38192	47761	59694	73567	96	145	202	262	98	122	153	188
240	SMC	570	0	0	0	0	7095	7096	7098	7099	0	0	0	0	12	12	12	12
241	SMC	314	19214	24179	29955	35922	4310	6923	10181	13969	61	77	96	115	14	22	32	45
242	SMC	22	5964	9329	13243	17288	2757	4572	6837	9469	270	423	600	783	125	207	310	429
243	SMC	151	19184	26869	35808	45044	6010	9884	14717	20335	127	178	237	298	40	65	97	135
244	SMC	157	22518	32054	43145	54607	6650	10945	16302	22530	144	204	275	348	42	70	104	144
245	SMC	102	13912	21147	29563	38260	5115	8037	11682	15920	136	207	289	374	50	79	114	155
246	SMC	289	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
247	SMC	135	12130	18664	26265	34119	6940	10925	15895	21674	90	139	195	253	52	81	118	161
248	SMC	285	16946	26144	36844	47900	6293	10477	15696	21763	59	92	129	168	22	37	55	76
249	SMC	90	14302	22126	31227	40631	5567	9109	13527	18664	159	246	347	452	62	101	150	208
250	SMC	174	10826	16267	22595	29134	3093	4842	7024	9560	62	94	130	168	18	28	40	55
251	SMC	59	21588	30899	41730	52922	8092	12807	18689	25527	369	528	713	904	138	219	319	436

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
252	SMC	74	23643	32057	41844	51958	7986	12458	18036	24521	321	435	567	705	108	169	245	333
253	SMC	84	21048	31088	42766	54834	8819	13735	19865	26992	252	372	512	656	106	164	238	323
254	SMC	382	15322	22670	31217	40048	9915	13126	17131	21787	40	59	82	105	26	34	45	57
255	SMC	310	11640	18342	26138	34195	7669	12008	17420	23713	38	59	84	110	25	39	56	77
256	SMC	538	43406	62477	84660	107583	15852	25681	37942	52195	81	116	157	200	29	48	71	97
257	SMC	320	17170	26424	37189	48313	7608	12258	18057	24798	54	83	116	151	24	38	57	78
258	SMC	226	30072	38937	49247	59900	6998	11072	16153	22060	133	172	218	265	31	49	71	97
259	SMC	186	8527	13014	18233	23627	3153	5013	7332	10029	46	70	98	127	17	27	39	54
260	SMC	271	23056	32312	43077	54202	7476	12104	17875	24584	85	119	159	200	28	45	66	91
261	SMC	154	20165	29644	40670	52064	6987	11437	16987	23439	131	192	264	338	45	74	110	152
262	SMC	46	31148	35359	40255	45315	13566	15184	17202	19548	682	774	882	992	297	333	377	428
263	SMC	69	28942	32984	37684	42541	11299	13271	15730	18589	419	477	545	616	164	192	228	269
264	SMC	71	16411	20451	25150	30005	11531	13504	15963	18822	231	288	354	422	162	190	225	265
265	SMC	31	23203	27468	32429	37555	3449	5553	8176	11226	740	875	1034	1197	110	177	261	358
266	SMC	25	21158	24918	29291	33810	2560	4109	6042	8290	843	993	1167	1347	102	164	241	330
267	SMC	48	33801	37003	40726	44572	2604	4043	5838	7925	701	768	845	925	54	84	121	164
268	SMC	51	39376	45999	53701	61660	4531	7232	10601	14518	766	895	1044	1199	88	141	206	282
269	SMC	33	24796	29539	35054	40753	4795	7784	11512	15845	754	898	1066	1239	146	237	350	482
270	SMC	60	28256	31849	36028	40346	5403	7241	9533	12198	469	528	597	669	90	120	158	202
271	SMC	118	55222	62296	70523	79023	9875	13020	16942	21501	470	530	600	672	84	111	144	183
272	SMC	157	21011	31276	43215	55552	9473	14654	21116	28628	133	199	274	353	60	93	134	182
273	SMC	72	31433	38082	45816	53808	11950	15405	19714	24723	435	528	635	745	166	213	273	342
274	SMC	30	14324	19709	25973	32445	7078	9913	13448	17557	476	655	863	1078	235	329	447	583
275	SMC	23	12869	17020	21848	26838	5209	7225	9738	12659	553	731	938	1152	224	310	418	544
276	SMC	116	26688	31571	37249	43117	13475	15227	17410	19948	230	272	321	372	116	131	150	172
277	SMC	76	24945	28678	33019	37505	9741	11491	13674	16212	328	377	435	494	128	151	180	213

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
278	SMC	33	23008	25928	29323	32831	5806	7622	9887	12520	700	789	892	999	177	232	301	381
279	SMC	137	45579	49624	54327	59186	3965	6002	8542	11496	334	363	398	433	29	44	63	84
280	SMC	125	48170	55579	64196	73100	6552	10360	15110	20632	385	444	513	585	52	83	121	165
281	SMC	30	18474	27000	36917	47165	5827	9569	14236	19661	607	888	1214	1551	192	315	468	646
282	SMC	100	45391	52520	60810	69377	5585	8861	12948	17699	456	528	611	697	56	89	130	178
283	SMC	66	30699	37657	45750	54112	7261	11799	17460	24041	466	571	694	821	110	179	265	365
284	SMC	65	25883	30177	35171	40331	3661	5808	8487	11601	397	462	539	618	56	89	130	178
285	SMC	148	18272	26713	36532	46679	7986	11617	16146	21411	124	181	247	316	54	79	109	145
286	SMC	117	10618	16591	23539	30719	7972	12223	17525	23689	91	142	201	263	68	105	150	203
287	SMC	309	18448	28151	39437	51101	8124	13526	20263	28096	60	91	128	165	26	44	66	91
288	SMC	491	12675	18453	25173	32117	4162	6929	10381	14393	26	38	51	65	8	14	21	29
289	RoSUDA	723	3330	5427	8889	14959	2145	3326	5185	8676	5	8	12	21	3	5	7	12
290	RoSUDA	86	2045	3292	5351	8961	339	778	1469	2768	24	38	62	104	4	9	17	32
291	RoSUDA	71	450	797	1369	2371	225	379	621	1074	6	11	19	34	3	5	9	15
292	RoSUDA	119	2321	4837	8990	16272	1033	2922	5896	11480	20	41	76	137	9	25	50	97
293	RoSUDA	298	3015	5112	8573	14643	1001	2182	4041	7531	10	17	29	49	3	7	14	25
294	RoSUDA	341	2167	3432	5521	9185	1021	1503	2262	3686	6	10	16	27	3	4	7	11
295	RoSUDA	378	4690	5989	8133	11894	1153	2333	4192	7683	12	16	21	31	3	6	11	20
296	RoSUDA	482	2398	4495	7956	14025	1486	2667	4526	8016	5	9	17	29	3	6	9	17
297	RoSUDA	1478	5098	7195	10657	16729	4110	4961	6300	8815	3	5	7	11	3	3	4	6
298	RoSUDA	296	2207	3593	5881	9892	6779	10322	15899	26372	7	12	20	33	23	35	54	89
299	RoSUDA	262	5353	6740	9028	13043	851	1481	2474	4338	20	26	34	50	3	6	9	17
300	RoSUDA	305	1393	1900	2737	4205	874	1145	1573	2376	5	6	9	14	3	4	5	8
301	RoSUDA	373	2100	3399	5542	9300	1108	1607	2391	3865	6	9	15	25	3	4	6	10
302	RoSUDA	346	24513	26052	28589	33044	1632	3521	6495	12079	71	75	83	95	5	10	19	35
303	RoSUDA	181	2171	4687	8840	16122	735	1755	3361	6377	12	26	49	89	4	10	19	35

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
304	RoSUDA	264	1793	2574	3862	6122	778	1102	1611	2568	7	10	15	23	3	4	6	10
305	RoSUDA	143	963	2043	3824	6948	502	1682	3541	7031	7	14	27	49	4	12	25	49
306	RoSUDA	797	1489	3586	7046	13115	2315	3165	4504	7017	2	5	9	16	3	4	6	9
307	RoSUDA	751	2839	3860	5546	8504	2112	2644	3481	5052	4	5	7	11	3	4	5	7
308	RoSUDA	298	5303	6675	8940	12912	952	1611	2648	4596	18	22	30	43	3	5	9	15
309	RoSUDA	664	3238	5717	9811	16989	2015	3064	4715	7815	5	9	15	26	3	5	7	12
310	RoSUDA	253	2120	2981	4402	6894	760	1131	1714	2810	8	12	17	27	3	4	7	11
311	RoSUDA	384	2022	3101	4883	8009	1115	2295	4154	7644	5	8	13	21	3	6	11	20
312	RoSUDA	348	1630	3727	7188	13256	1134	1984	3322	5836	5	11	21	38	3	6	10	17
313	RoSUDA	650	3571	4235	5332	7256	1787	2078	2535	3394	5	7	8	11	3	3	4	5
314	RoSUDA	210	1669	2749	4530	7655	657	1068	1715	2930	8	13	22	36	3	5	8	14
315	RoSUDA	434	2247	3239	4877	7749	1255	1697	2392	3698	5	7	11	18	3	4	6	9
316	RoSUDA	198	1088	2080	3717	6588	6521	10064	15641	26114	5	11	19	33	33	51	79	132
317	RoSUDA	2012	18540	19345	20669	22998	5411	6593	8453	11945	9	10	10	11	3	3	4	6
318	RoSUDA	361	2661	4485	7495	12773	1132	1841	2956	5050	7	12	21	35	3	5	8	14
319	RoSUDA	683	2868	3751	5208	7764	1892	2253	2823	3891	4	5	8	11	3	3	4	6
320	RoSUDA	343	2468	3817	6045	9951	1039	1568	2401	3964	7	11	18	29	3	5	7	12
321	RoSUDA	350	1435	2354	3871	6532	1007	1342	1871	2862	4	7	11	19	3	4	5	8
322	RoSUDA	41	4560	7077	11231	18516	367	1387	2992	6008	112	174	275	454	9	34	73	147
323	RoSUDA	259	4749	6033	8153	11872	799	1257	1978	3332	18	23	31	46	3	5	8	13
324	RoSUDA	425	1195	2085	3554	6130	1203	1529	2042	3006	3	5	8	14	3	4	5	7
325	RoSUDA	362	4367	5506	7385	10681	1062	1492	2169	3440	12	15	20	30	3	4	6	10
326	RoSUDA	234	2332	3441	5271	8481	723	1143	1805	3048	10	15	23	36	3	5	8	13
327	RoSUDA	138	2525	3649	5503	8756	472	1653	3512	7002	18	26	40	64	3	12	25	51
328	RoSUDA	596	2518	4615	8076	14145	1785	2635	3974	6487	4	8	14	24	3	4	7	11
329	RoSUDA	264	2271	3380	5210	8420	816	1291	2038	3441	9	13	20	32	3	5	8	13

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
330	RoSUDA	163	2247	4726	8819	15996	696	1744	3395	6494	14	29	54	98	4	11	21	40
331	RoSUDA	276	1699	2808	4638	7847	830	1231	1863	3050	6	10	17	28	3	4	7	11
332	RoSUDA	456	2748	5228	9321	16498	1469	2517	4168	7268	6	11	20	36	3	6	9	16
333	RoSUDA	86	1197	2524	4715	8557	344	804	1529	2890	14	29	55	99	4	9	18	34
334	RoSUDA	252	3257	4625	6883	10843	796	1311	2121	3643	13	18	27	43	3	5	8	14
335	RoSUDA	682	2862	3884	5570	8527	1895	2281	2887	4025	4	6	8	12	3	3	4	6
336	RoSUDA	418	2126	2983	4398	6880	1171	1440	1864	2660	5	7	11	16	3	3	4	6
337	RoSUDA	479	2886	5402	9556	16839	1520	2541	4147	7163	6	11	20	35	3	5	9	15
338	RoSUDA	236	2444	4960	9113	16396	880	1900	3506	6522	10	21	39	70	4	8	15	28
339	RoSUDA	246	1582	2516	4057	6760	773	1269	2050	3516	6	10	17	28	3	5	8	14
340	RoSUDA	411	3195	5711	9865	17148	1343	2363	3969	6985	8	14	24	42	3	6	10	17
341	RoSUDA	290	565	1359	2672	4972	895	1410	2221	3742	2	5	9	17	3	5	8	13
342	RoSUDA	573	4403	5032	6068	7887	1602	1961	2527	3588	8	9	11	14	3	3	4	6
343	RoSUDA	397	2681	3764	5553	8689	1147	2328	4186	7677	7	9	14	22	3	6	11	19
344	RoSUDA	423	2723	4820	8281	14351	1331	2181	3520	6033	6	11	20	34	3	5	8	14
345	RoSUDA	295	2793	5273	9366	16543	1043	2092	3742	6842	9	18	32	56	4	7	13	23
346	RoSUDA	379	2173	3104	4639	7332	1074	1375	1847	2734	6	8	12	19	3	4	5	7
347	RoSUDA	465	3291	5771	9864	17042	7225	10768	16345	26818	7	12	21	37	16	23	35	58
348	RoSUDA	174	2123	2933	4270	6614	553	926	1514	2617	12	17	25	38	3	5	9	15
349	RoSUDA	344	1596	2734	4612	7906	1014	2194	4053	7543	5	8	13	23	3	6	12	22
350	RoSUDA	241	3296	5812	9965	17249	894	1914	3520	6536	14	24	41	72	4	8	15	27
351	RoSUDA	386	13550	16069	20226	27520	1737	3626	6600	12185	35	42	52	71	4	9	17	32
352	RoSUDA	565	3509	5989	10082	17261	2208	4097	7071	12656	6	11	18	31	4	7	13	22
353	RoSUDA	373	2395	4911	9064	16347	6983	10526	16104	26576	6	13	24	44	19	28	43	71
354	RoSUDA	260	4966	6119	8022	11361	6683	10226	15804	26276	19	24	31	44	26	39	61	101
355	RoSUDA	367	2187	3300	5136	8356	1086	1549	2278	3646	6	9	14	23	3	4	6	10

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
356	RoSUDA	237	1071	2384	4551	8350	1345	3234	6208	11793	5	10	19	35	6	14	26	50
357	RoSUDA	43	1949	4429	8521	15698	380	1428	3078	6178	45	103	198	365	9	33	72	144
358	RoSUDA	208	1790	2712	4236	6907	627	1808	3666	7156	9	13	20	33	3	9	18	34
359	RoSUDA	399	2523	4620	8081	14151	1267	2117	3456	5969	6	12	20	35	3	5	9	15
360	RoSUDA	92	1356	2486	4352	7624	336	707	1290	2386	15	27	47	83	4	8	14	26
361	RoSUDA	624	1808	2829	4515	7471	1756	2196	2888	4187	3	5	7	12	3	4	5	7
362	RoSUDA	189	1167	2181	3854	6788	585	923	1454	2453	6	12	20	36	3	5	8	13
363	RoSUDA	393	3148	4636	7093	11401	1177	1740	2625	4286	8	12	18	29	3	4	7	11
364	RoSUDA	133	2402	4881	8974	16151	618	1666	3317	6416	18	37	67	121	5	12	25	48
365	RoSUDA	531	2358	3642	5761	9478	1543	2118	3021	4718	4	7	11	18	3	4	6	9
366	RoSUDA	173	2288	3528	5575	9164	595	1148	2018	3651	13	20	32	53	3	7	12	21
367	RoSUDA	317	2727	5243	9396	16679	1095	2115	3721	6736	9	17	30	53	3	7	12	21
368	RoSUDA	176	920	1927	3588	6501	596	1115	1933	3469	5	11	20	37	3	6	11	20
369	RoSUDA	304	1927	2934	4596	7510	6296	9838	15416	25888	6	10	15	25	21	32	51	85
370	RoSUDA	406	2325	3630	5785	9565	1200	1710	2513	4021	6	9	14	24	3	4	6	10
371	RoSUDA	157	1488	2494	4156	7069	544	1064	1882	3418	10	16	27	45	3	7	12	22
372	RoSUDA	169	1288	2470	4420	7840	557	1001	1700	3012	8	15	26	47	3	6	10	18
373	RoSUDA	225	1548	2445	3926	6523	714	1196	1954	3378	7	11	17	29	3	5	9	15
374	RoSUDA	106	1509	2516	4177	7091	365	705	1241	2246	14	24	39	67	3	7	12	21
375	RoSUDA	365	2432	3395	4984	7772	1089	1594	2390	3884	7	9	14	21	3	4	7	11
376	RoSUDA	403	1536	2203	3305	5237	1168	1581	2232	3454	4	5	8	13	3	4	6	9
377	RoSUDA	354	1216	2354	4232	7525	1046	1488	2183	3489	3	7	12	21	3	4	6	10
378	RoSUDA	864	7002	9520	13675	20962	2535	3556	5162	8178	8	11	16	24	3	4	6	9
379	RoSUDA	324	1794	2816	4501	7457	979	1472	2249	3709	6	9	14	23	3	5	7	11
380	RoSUDA	380	2033	4130	7591	13660	1217	2068	3406	5919	5	11	20	36	3	5	9	16
381	RoSUDA	314	3513	6029	10182	17466	1548	3437	6411	11995	11	19	32	56	5	11	20	38

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
382	RoSUDA	281	3727	4821	6628	9797	877	1416	2264	3855	13	17	24	35	3	5	8	14
383	RoSUDA	529	3430	4481	6216	9258	1493	1888	2509	3675	6	8	12	18	3	4	5	7
384	RoSUDA	422	3352	4374	6060	9018	1830	3720	6694	12278	8	10	14	21	4	9	16	29
385	RoSUDA	295	2971	5487	9640	16923	1036	2056	3662	6678	10	19	33	57	4	7	12	23
386	RoSUDA	818	6292	8810	12964	20251	2414	3434	5041	8057	8	11	16	25	3	4	6	10
387	RoSUDA	155	2090	4570	8663	15840	675	1723	3373	6473	13	29	56	102	4	11	22	42
388	RoSUDA	1016	4295	4770	5554	6930	2710	2845	3058	3457	4	5	5	7	3	3	3	3
389	RoSUDA	689	3071	4363	6494	10232	1977	2613	3613	5491	4	6	9	15	3	4	5	8
390	RoSUDA	257	1456	2747	4877	8614	839	2019	3878	7368	6	11	19	34	3	8	15	29
391	RoSUDA	609	3902	6000	9461	15532	1821	2672	4010	6524	6	10	16	25	3	4	7	11
392	RoSUDA	247	2864	3820	5398	8165	732	1051	1553	2495	12	15	22	33	3	4	6	10
393	RoSUDA	32	2134	2791	3875	5776	197	646	1352	2678	68	88	123	183	6	20	43	85
394	RoSUDA	266	1859	2939	4721	7846	833	1352	2170	3706	7	11	18	30	3	5	8	14
395	RoSUDA	188	420	1010	1985	3695	567	848	1290	2121	2	5	11	20	3	5	7	11
396	RoSUDA	134	2162	4678	8831	16114	613	1633	3238	6254	16	35	66	120	5	12	24	47
397	RoSUDA	75	1742	2726	4352	7202	281	609	1126	2096	23	36	58	96	4	8	15	28
398	RoSUDA	402	2058	2988	4523	7216	1136	1436	1909	2795	5	7	11	18	3	4	5	7
399	RoSUDA	924	1993	2832	4217	6646	2516	2838	3344	4294	2	3	5	7	3	3	4	5
400	RoSUDA	571	1962	3166	5152	8636	1641	2182	3034	4633	3	6	9	15	3	4	5	8
401	RoSUDA	619	1334	2319	3944	6794	1714	2043	2560	3531	2	4	6	11	3	3	4	6
402	RoSUDA	408	1508	2595	4389	7535	1172	1552	2151	3275	4	6	11	18	3	4	5	8
403	RoSUDA	413	1483	2246	3504	5710	1156	1423	1843	2632	4	5	8	14	3	3	4	6
404	RoSUDA	512	2269	3028	4280	6477	1430	1754	2263	3220	4	6	8	13	3	3	4	6
405	RoSUDA	827	1842	2691	4094	6555	2294	2745	3456	4790	2	3	5	8	3	3	4	6
406	RoSUDA	728	675	1546	2984	5507	1988	3169	5028	8519	1	2	4	8	3	4	7	12
407	RoSUDA	185	1941	4038	7499	13568	704	1555	2893	5406	10	22	40	73	4	8	16	29

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
408	RoSUDA	469	1294	2315	4000	6956	1364	2545	4403	7894	3	5	9	15	3	5	9	17
409	RoSUDA	310	2141	4238	7699	13768	1033	2213	4072	7562	7	14	25	44	3	7	13	24
410	RoSUDA	230	1888	3985	7445	13514	821	1671	3009	5522	8	17	32	59	4	7	13	24
411	RoSUDA	404	3422	4838	7174	11271	1215	1808	2741	4493	8	12	18	28	3	4	7	11
412	RoSUDA	525	3536	6053	10206	17490	1643	2663	4269	7285	7	12	19	33	3	5	8	14
413	RoSUDA	430	13356	14775	17115	21222	1299	1953	2983	4917	31	34	40	49	3	5	7	11
414	RoSUDA	579	2471	3784	5951	9752	1684	2312	3302	5159	4	7	10	17	3	4	6	9
415	RoSUDA	583	3226	4539	6707	10508	1697	2325	3314	5171	6	8	11	18	3	4	6	9
416	RoSUDA	311	1045	2223	4167	7576	931	1378	2081	3400	3	7	13	24	3	4	7	11
417	RoSUDA	375	1851	2807	4384	7151	1068	1387	1890	2832	5	7	12	19	3	4	5	8
418	RoSUDA	294	2435	4914	9007	16185	1040	2088	3739	6838	8	17	31	55	4	7	13	23
419	RoSUDA	558	4861	7378	11532	18817	1729	2750	4356	7372	9	13	21	34	3	5	8	13
420	RoSUDA	182	2294	4810	8963	16246	739	1759	3365	6381	13	26	49	89	4	10	18	35
421	RoSUDA	335	1478	2478	4127	7020	968	1301	1826	2810	4	7	12	21	3	4	5	8
422	RoSUDA	161	17069	18176	19999	23202	545	1025	1780	3197	106	113	124	144	3	6	11	20
423	RoSUDA	80	8430	9599	11528	14913	350	896	1754	3367	105	120	144	186	4	11	22	42
424	RoSUDA	150	4505	7022	11175	18460	654	1674	3280	6296	30	47	75	123	4	11	22	42
425	RoSUDA	212	2221	4700	8793	15970	826	1875	3525	6624	10	22	41	75	4	9	17	31
426	RoSUDA	176	1841	2979	4857	8151	572	1001	1678	2949	10	17	28	46	3	6	10	17
427	RoSUDA	152	939	2076	3954	7247	509	939	1616	2886	6	14	26	48	3	6	11	19
428	RoSUDA	223	508	1222	2402	4471	673	1016	1555	2567	2	5	11	20	3	5	7	12
429	RoSUDA	285	1802	2881	4663	7788	882	1401	2219	3755	6	10	16	27	3	5	8	13
430	RoSUDA	226	1473	2468	4112	6994	702	1123	1784	3027	7	11	18	31	3	5	8	13
431	RoSUDA	184	2797	3884	5678	8825	582	963	1561	2685	15	21	31	48	3	5	8	15
432	RoSUDA	301	7257	8342	10132	13272	894	1295	1928	3115	24	28	34	44	3	4	6	10
433	RoSUDA	378	15095	16424	18613	22458	1127	1642	2453	3975	40	43	49	59	3	4	6	11

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
434	RoSUDA	278	1657	2711	4451	7502	845	1291	1994	3313	6	10	16	27	3	5	7	12
435	RoSUDA	171	1054	2104	3837	6877	568	1036	1772	3154	6	12	22	40	3	6	10	18
436	RoSUDA	439	510	1166	2250	4149	1251	1627	2218	3329	1	3	5	9	3	4	5	8
437	RoSUDA	137	1462	2118	3202	5103	457	832	1423	2533	11	15	23	37	3	6	10	18
438	RoSUDA	236	1902	2591	3729	5725	719	1101	1704	2835	8	11	16	24	3	5	7	12
439	RoSUDA	164	1578	2420	3811	6250	536	946	1593	2808	10	15	23	38	3	6	10	17
440	RoSUDA	584	3363	4239	5684	8220	1606	1878	2306	3110	6	7	10	14	3	3	4	5
441	RoSUDA	315	5515	6713	8688	12155	957	1457	2246	3726	18	21	28	39	3	5	7	12
442	RoSUDA	224	5111	7628	11782	19067	850	1870	3476	6492	23	34	53	85	4	8	15	29
443	RoSUDA	368	6215	7293	9070	12189	1056	1399	1938	2951	17	20	25	33	3	4	5	8
444	RoSUDA	321	2163	4679	8832	16115	1104	2124	3730	6746	7	15	28	50	3	7	12	21
445	RoSUDA	643	3156	4236	6019	9145	1797	2201	2837	4031	5	7	9	14	3	3	4	6
446	RoSUDA	311	3099	4179	5962	9088	951	1470	2288	3824	10	13	19	29	3	5	7	12
447	RoSUDA	235	4708	6055	8277	12175	740	1217	1968	3378	20	26	35	52	3	5	8	14
448	RoSUDA	116	3924	5332	7656	11733	447	1002	1875	3516	34	46	66	101	4	9	16	30
449	RoSUDA	373	4658	5986	8178	12024	6983	10526	16103	26575	12	16	22	32	19	28	43	71
450	RoSUDA	1657	262	630	1238	2304	16364	19910	25490	35965	0	0	1	1	10	12	15	22
451	RoSUDA	333	7153	8508	10743	14665	6876	10419	15996	26469	22	26	32	44	21	31	48	80
452	RoSUDA	383	5307	6421	8258	11481	7009	10552	16129	26602	14	17	22	30	18	28	42	69
453	RoSUDA	229	2034	2778	4006	6161	691	1041	1591	2624	9	12	18	27	3	5	7	11
454	RoSUDA	386	1523	2172	3244	5123	1090	2270	4129	7619	4	6	8	13	3	6	11	20
455	RoSUDA	985	4180	6278	9739	15810	2810	3661	5000	7514	4	6	10	16	3	4	5	8
456	RoSUDA	372	1863	3175	5342	9143	1127	2307	4166	7656	5	9	14	25	3	6	11	21
457	RoSUDA	613	3276	5373	8834	14904	1830	3011	4870	8361	5	9	14	24	3	5	8	14
458	RoSUDA	406	1489	3586	7046	13115	1285	2135	3474	5987	4	9	17	32	3	5	9	15
459	RoSUDA	296	5236	6813	9414	13977	956	1650	2743	4795	18	23	32	47	3	6	9	16

TAZ	Juris.	Area (ha)	Population				Employment				Population Density				Employment Density			
			2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054	2024	2034	2044	2054
460	RoSUDA	1283	10494	11839	14057	17950	3545	4195	5219	7139	8	9	11	14	3	3	4	6
461	RoSUDA	424	1979	3149	5082	8471	1224	1649	2318	3575	5	7	12	20	3	4	5	8
462	RoSUDA	185	1926	3064	4943	8236	598	1028	1704	2975	10	17	27	44	3	6	9	16
463	RoSUDA	105	1985	4464	8557	15734	996	2885	5859	11443	19	43	82	150	9	27	56	109
464	RoSUDA	21	1067	2438	4701	8669	776	2665	5638	11223	50	115	222	409	37	126	266	529
465	RoSUDA	151	2116	4140	7481	13339	1118	3007	5981	11565	14	27	50	88	7	20	40	77
466	RoSUDA	236	2357	4184	7200	12488	821	1605	2839	5156	10	18	31	53	3	7	12	22
467	RoSUDA	126	1686	2751	4509	7592	481	1074	2007	3759	13	22	36	60	4	9	16	30

CHAPTER 7
ANNEXURES



ANNEXURE 7.1 | Details of Property Development Charges in SMC and SUDA

SMC				
No.	Type of Charges	Type of Property	Unit	Unit Charges
1	Scrutiny Fee (CGDCR 3.6.2)	For Plot	Sq. Mt. of building unit/plot area	₹ 3 / sq. mt. & Minimum ₹ 1000/-
		For Residential (up to 25 m height)	Sq. Mt. of built-up area	₹ 10 / sq. mt. & Minimum ₹ 1000/-
		For Residential (> 25 m height)		₹ 15 / sq. mt. & Minimum ₹ 1000/-
		Other than residential	Sq. Mt. of built-up area	₹ 15 / sq. mt. & Minimum ₹ 1000/-
		Public Charitable Trust	50% of Scrutiny Fee	
2	Development Charges	Commercial Open Plot	Sq. Mt.	₹ 5 / sq. mt.
		Residential Open Plot	Sq. Mt.	₹ 3 / sq. mt.
		Commercial (Built up area)	Sq. Mt.	₹ 10 / sq. mt.
		Residential (Built up area)	Sq. Mt.	₹ 6 / sq. mt.
		Other Open Plot	Sq. Mt.	₹ 2 / sq. mt.
		Other Built-up area	Sq. Mt.	₹ 4 / sq. mt.
		Subdivision / amalgamation	Sq. Mt.	₹ 3 / sq. mt.
3	Tree Plantation Deposit (Plot Area)		Sq. Mt.	₹ 12.50 / sq. mt.
4	Security Deposit of Built-up area		Sq. Mt.	₹ 3 / sq. mt.
5	Paid FSI/FAR	Residential area	Sq. Mt.	40 % of Jantri
		Commercial area	Sq. Mt.	40 % of Jantri
6	Road Investment Deposit			2000 / 15000
7	Footpath Deposit		Running Meter	₹ 525 / meter
8	Dustbin Deposit	Built up area < 500 sq. mt.	Sq. Mt.	₹ 20 / sq. mt.
		Built up area 500 to 1000 sq. mt.	Sq. Mt.	₹ 30 / sq. mt.
		Built up area > 1000 sq. mt.	Sq. Mt.	₹ 40 / sq. mt.
9	Construction Cess	FSI (more than 333 sq. mt.)	sq. mt. FSI	₹ 30 / sq. mt.
10	I.C. Deposit / Amenities Fee	As per B-Form	Sq. Mt.	-
11	Road Carpeting Deposit	For Row type construction	Sq. Mt.	₹ 369 / sq. mt.
12	Water Pipeline Deposit	For Row type construction	Running Meter	₹ 759 / meter
13	Sewer Pipeline Deposit	For Row type construction	Running Meter	₹ 1845 / meter

SMC				
No.	Type of Charges	Type of Property	Unit	Unit Charges
14	Light Pole Deposit	For Row type construction (Every 25 m. interval)	Number	₹ 7063 / Pole
15	Other Construction Premium	Built up area	Sq. Mt.	₹ 3 / sq. mt.
16	Administrative Charges	Built up area	Sq. Mt.	₹ 1.08 / sq. mt.
17	C. D. Waste Charges	Built up area	Tonne	₹ 333 / tonne

SUDA				
No.	Type of Charges	Type of Property	Unit	Unit Charges
1	Scrutiny Fee (CGDCR 3.6.2)	For Plot	Sq. Mt. of building unit/plot area	₹ 3 / sq. mt. & Minimum ₹ 1000/-
		For Residential (up to 25 m height)	Sq. Mt. of built-up area	₹ 10 / sq. mt. & Minimum ₹ 1000/-
		For Residential (> 25 m height)		₹ 15 / sq. mt. & Minimum ₹ 1000/-
		Other than residential	Sq. Mt. of built-up area	₹ 15 / sq. mt. & Minimum ₹ 1000/-
		Public Charitable Trust	50% of Scrutiny Fee	
2	Development Charges	Commercial and Industrial Open Plot	Sq. Mt.	₹ 4 / sq. mt.
		Residential Open Plot	Sq. Mt.	₹ 2.5 / sq. mt.
		Commercial and Industrial (Built up area)	Sq. Mt.	₹ 8 / sq. mt.
		Residential (Built up area)	Sq. Mt.	₹ 5 / sq. mt.
		Other (Educational, Public Utility) Open Plot	Sq. Mt.	₹ 2 / sq. mt.
		Other (Educational, Public Utility) Construction area	Sq. Mt.	₹ 4 / sq. mt.
3	Tree Plantation Deposit		Number	₹ 500 / tree
4	Security Deposit of Built-up area		Sq. Mt.	₹ 3 / sq. mt.
5	Facility Fees	(Non T.P. Area) Built up area	Sq. Mt.	₹ 300 / sq. mt.
6	Paid FSI/FAR	(T.P. Area) Built up area (Minimum)	Sq. Mt.	₹ 3000 / sq. mt.
		(Non T.P. Area) Built up area (Minimum)	Sq. Mt.	₹ 2000 / sq. mt.
7	Labour Cess		1% of Total Construction Cost	

ANNEXURE 7.2 | Approach for Identifying Water Metro Routes and Stations in Study Area

OVERALL APPROACH

To undergo feasibility study for the Water based Public Transit System, i.e., Water Metro, for the Study Area, the following approach has been adopted:

- **2 Options are explored: Option-1 |** considers that existing causeway and under construction barrage would limit the movement of boats beyond them, and **Option-2 |** considers that existing causeway would be upgraded and under construction barrage shall have provision for boats to pass both the barrage and the upgraded causeway.
- **For each Option, 2 Phases are explored: Phase-1** | from Kamrej to Causeway, i.e., east stretch of the Tapi River, and **Phase-2 |** from Causeway to Umra/Dumas Beach, i.e., west stretch of the Tapi River. Segregation is primarily based on the prevailing availability of water in the Tapi River.
- **2 Categories of Routes explored: Long Routes |** the routes providing connecting among all the terminals/interchanges, therefore having longer route lengths, and **Direct Routes |** short routes providing connecting among major traffic generating nodes (such as employment, institutional, and recreational) with high transit demand.

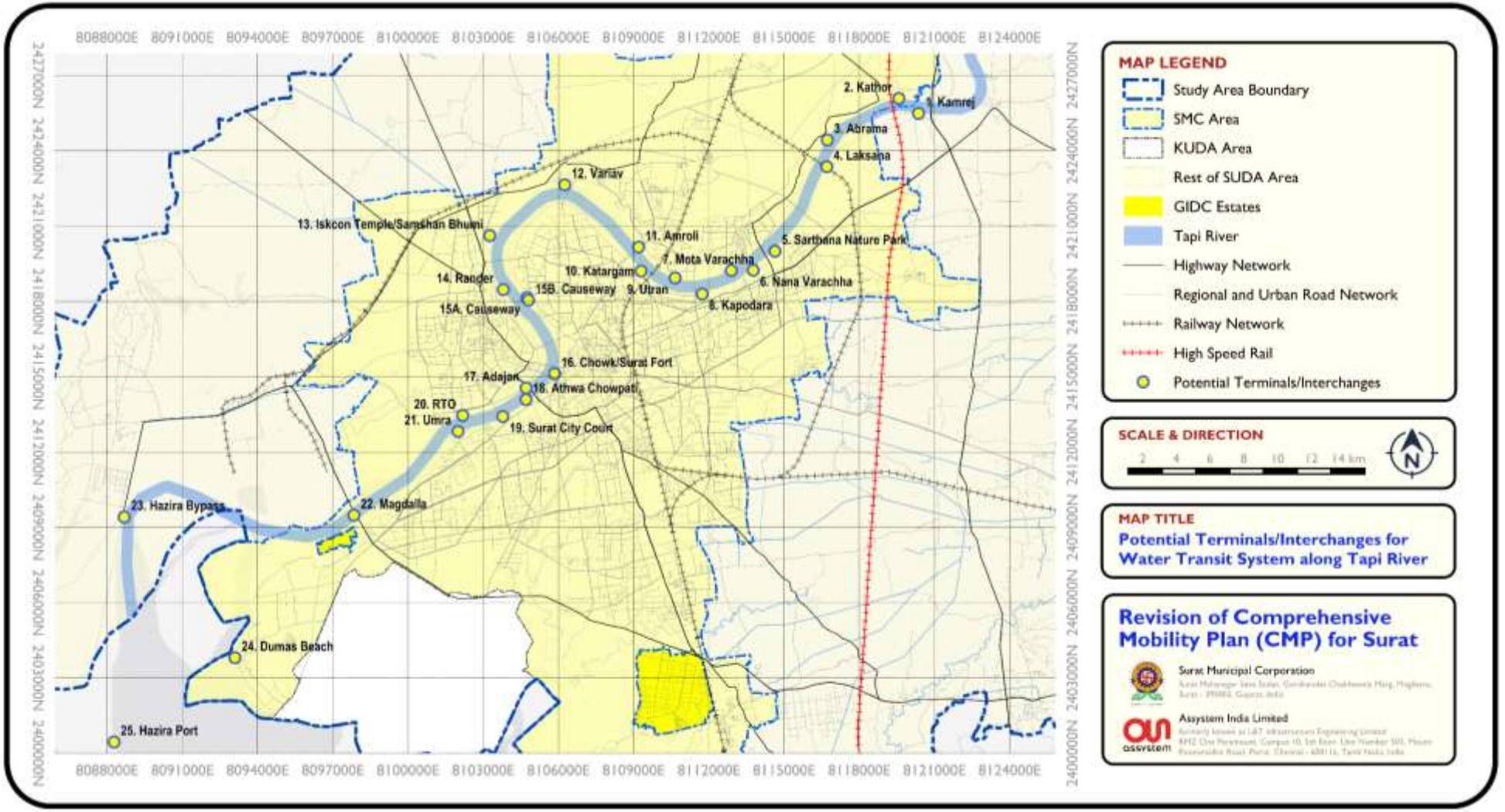
POTENTIAL TERMINALS/INTERCHANGES

Based on the understanding of ongoing spatial development within the Study Area (i.e., SMC and Rest of SUDA), including population spread and densities, employment nodes, recreational nodes, etc., and to promote multi-modal integration among the various prevailing public transit systems (BRTS, CBS and Metro), **25 terminal/interchange locations are identified as supporting infrastructure for the proposed Water based Transit System along Tapi River.** Boarding and alighting demand at each of the terminal/interchange shall be tested in the Travel Demand Model developed for the Study Area.

Table 1 | Potential Terminals/Interchanges for Water based Transit System along Tapi River

No.	Potential Station	No.	Potential Station
1	Kamrej	14	Rander
2	Kathor	15A	Cause Way (North Side)
3	Abrama	15B	Cause Way (South Side)
4	Laksana	16	Chowk/Surat Fort
5	Sarthana Nature Park	17	Adajan
6	Mota Varachha	18	Athwa Chowpati
7	Nana Varachha	19	Surat City Court
8	Kapodara	20	Surat RTO
9	Utran	21	Umra
10	Katargam	22	Magdalla
11	Amroli	23	Hazira Bypass
12	Variav	24	Dumas Beach
13	Iskcon Temple/Shamshan Bhumi	25	Hazira Port

Figure 1 | Potential Terminals/Interchanges for Water based Transit System along Tapi River



POTENTIAL ROUTES

Following are the identified routes (including long and direct) which would be tested in Travel Demand Model for estimating the ridership (daily and peak) for the Water based Transit System proposed in the Study Area. The approach is to test all identified routes (both long and direct) and based on projected ridership for horizon years, select the most feasible routes.

Table 2 | Potential Routes for Water based Transit System along Tapi River

Option	Phase	Route		Route
Option-1	Phase-1 (Kamrej to Causeway)	Long	1	Kamrej to Variav via Kathor, Abrama, Laksana, Sarthana Nature Park, Nana Varachha, Mota Varachha, Kapodara, Utran, Katargam and Amroli
			2	Variav to Causeway via Iskcon Temple/Shamshan Bhumi and Rander
		Direct	1	Kamrej to Kathor
			2	Kapodara to Katargam
			3	Katargam to Amroli
			4	Rander to Causeway
			5	Causeway to Iskcon Temple/Shamshan Bhumi
	Phase-2 (Causeway to Umra)	Long	1	Causeway to Umra via Chowk/Surat Fort, Adajan, Athwa Chowpati, Surat City Court and Surat RTO
		Direct	1	Causeway to Chowk/Surat Fort
			2	Chowk/Surat Fort to Surat City Court
			3	Surat City Court to Surat RTO
Option-2	Phase-1 (Kamrej to Causeway)	Same as Option-1		
	Phase-2 (Causeway to Hazira Port/Dumas Beach)	Long	1	Causeway to Hazira Port via Chowk/Surat Fort, Adajan, Athwa Chowpati, Surat City Court, Surat RTO, Umra, Magdalla and Hazira Bypass
			2	Causeway to Dumas Beach via Chowk/Surat Fort, Adajan, Athwa Chowpati, Surat City Court, Surat RTO, Umra and Magdalla
		Direct	1	Causeway to Chowk/Surat Fort
			2	Chowk/Surat Fort to Surat City Court
			3	Surat City Court to Surat RTO
			4	Chowk/Surat Fort to Dumas Beach
			5	Chowk/Surat Fort to Hazira Port via Hazira Bypass

Figure 2 | Potential Routes for Water based Transit System along Tapi River | Option 1 | Long Routes

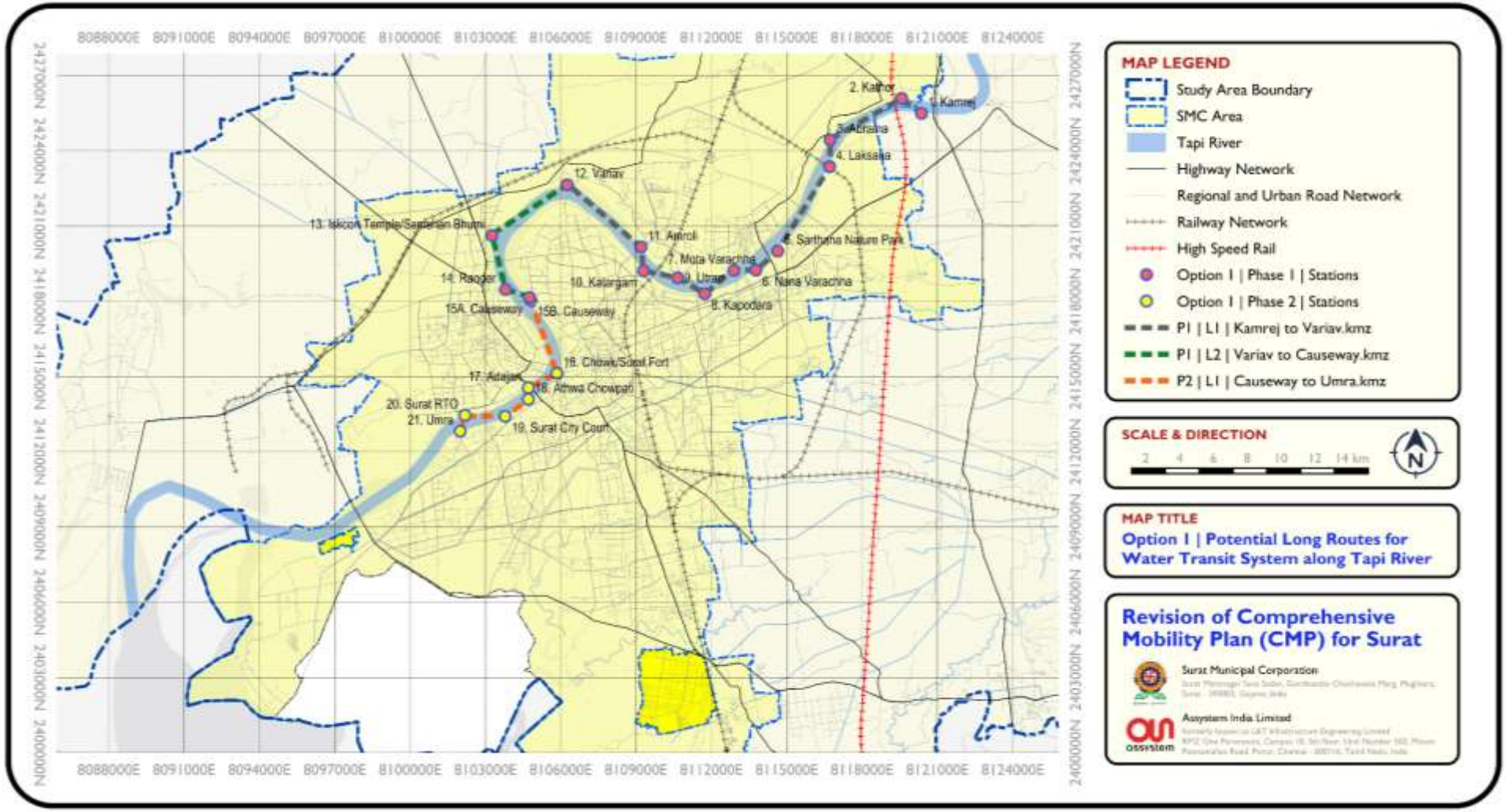


Figure 3 | Potential Routes for Water based Transit System along Tapi River | Option 1 | Direct Routes

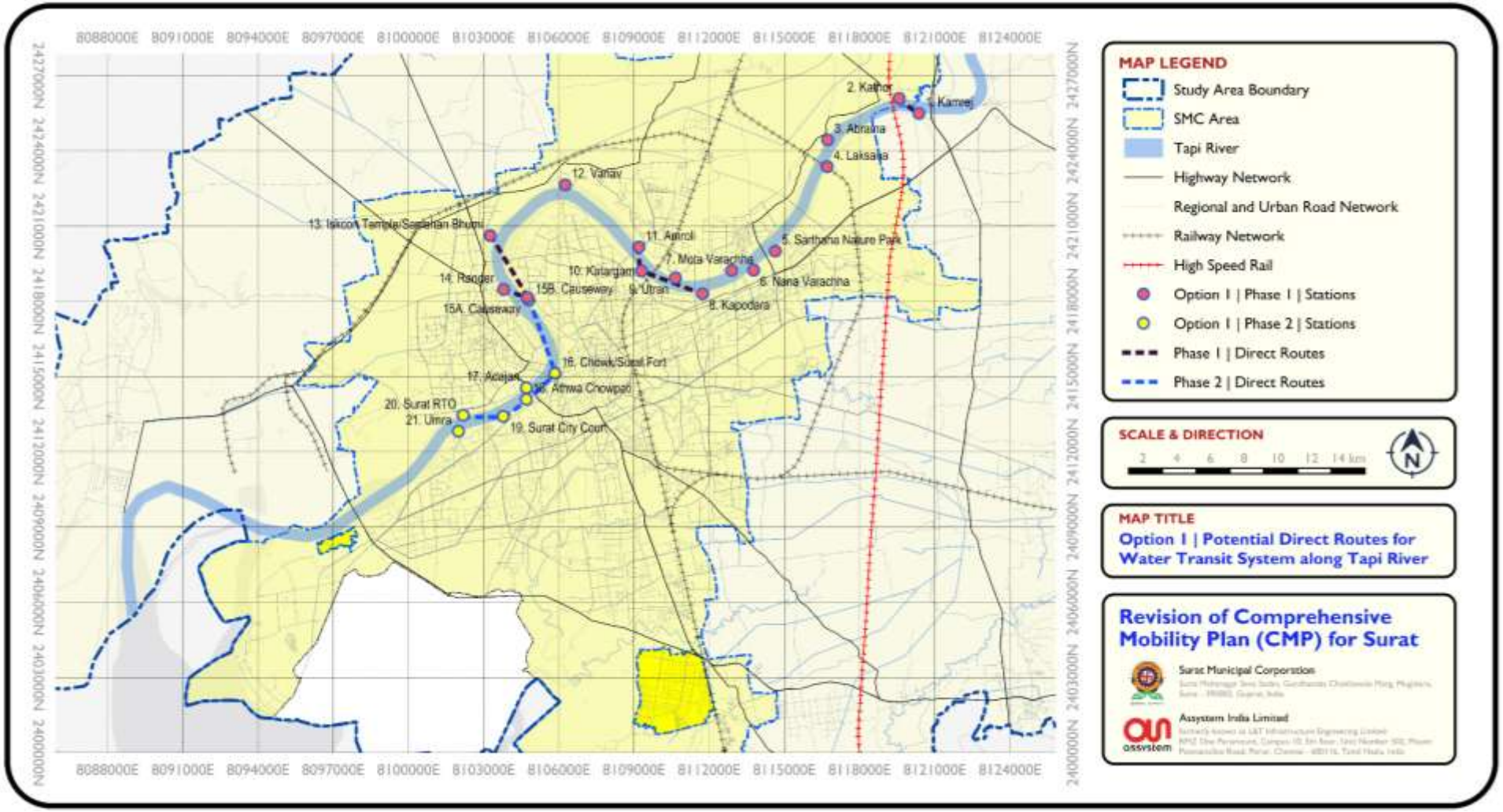


Figure 4 | Potential Routes for Water based Transit System along Tapi River | Option 2 | Long Routes

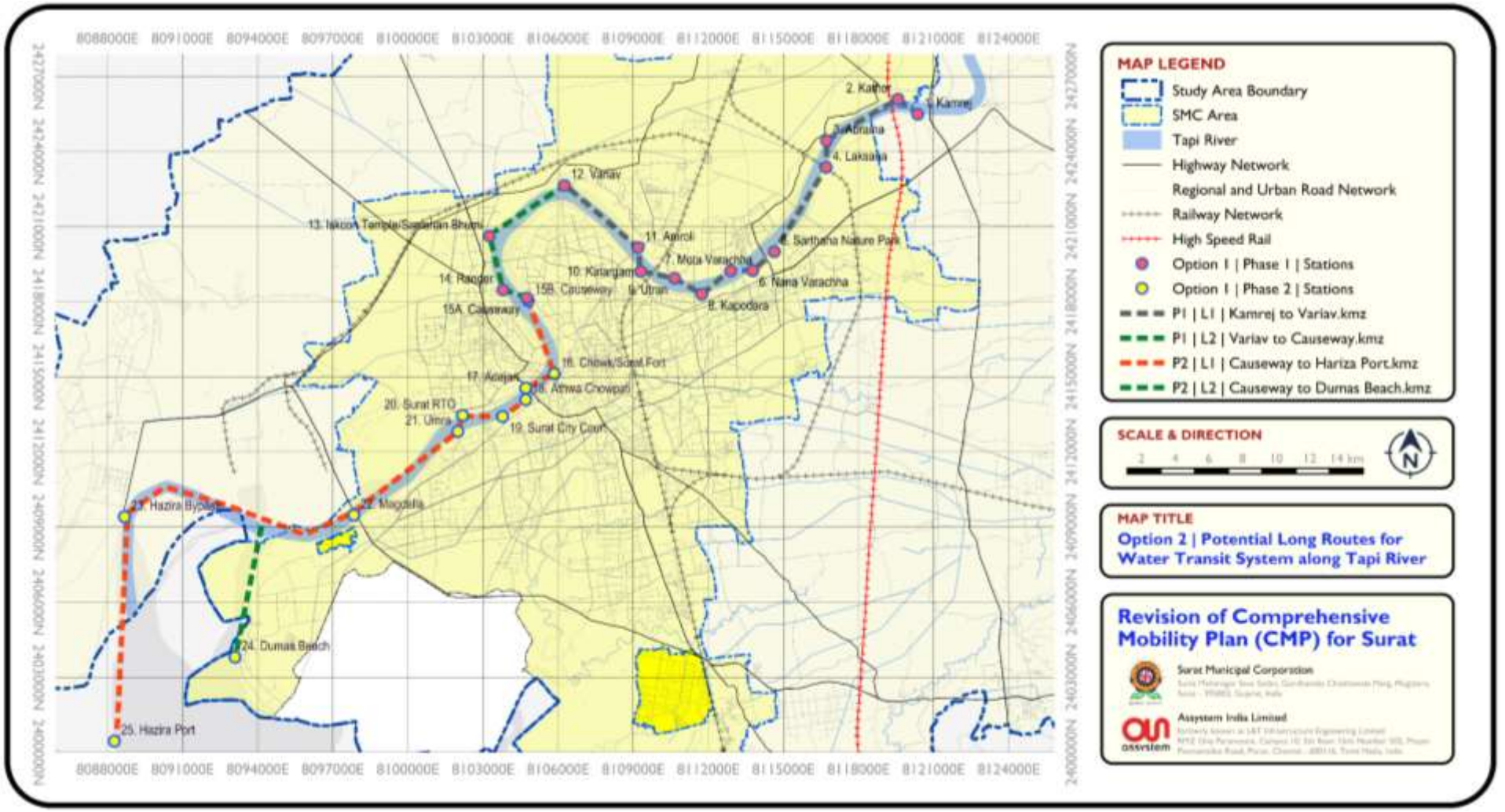
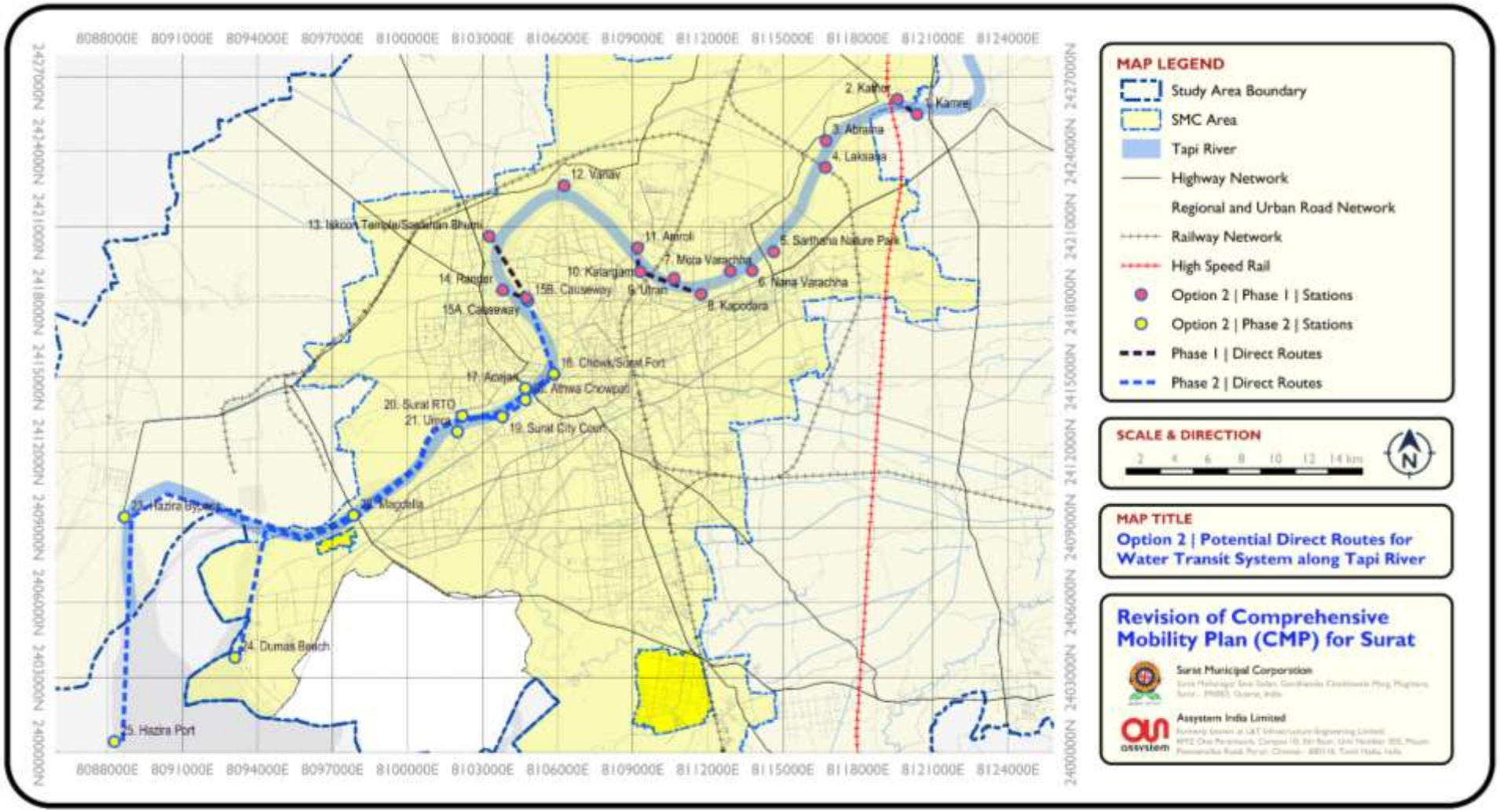


Figure 5 | Potential Routes for Water based Transit System along Tapi River | Option 2 | Direct Routes



ANNEXURE 7.3 | List of Existing Signals in Study Area

No.	Zone	Intersection	Arms	Category	Installed	Upgraded
1	Central Zone	Moti Tokish	4	Non BRTS	2019	2023
2	East Zone - A	Yogi Chowk	4	Non BRTS	2020	2023
3	East Zone - A	Ashwani Kumar/Sarswati School Junction	5	BRTS	2021	2023
4	North Zone	Fulpada road Junction	4	BRTS	2021	2023
5	East Zone - A	Kailashdham Junction	3	BRTS	2020	2023
6	North Zone	Dabholi Char Rasta	4	BRTS	2019	2023
7	North Zone	Lalita Chokadi	4	BRTS	2019	2023
8	North Zone	Rashi Circle	4	BRTS	2019	2023
9	Central Zone	Falsawadi Junction	3	Non BRTS	2020	2023
10	Central Zone	Delhi Gate	4	Non BRTS	2015	2024
11	Central Zone	Amisha Hotel	3	Non BRTS	2015	2024
12	Central Zone	Lal Darwaja	4	Non BRTS	2019	2023
13	North Zone	Godhani Circle	5	BRTS	2021	2023
14	North Zone	Mehta Petrol Pump	5	BRTS	2020	2023
15	North Zone	Cross Road	3	BRTS	2021	2024
16	North Zone	Kosad Fire Station	3	BRTS	2019	2023
17	North Zone	Reliance Chokadi	3	BRTS	2019	2023
18	North Zone	Kosad EWS/ Shree Ram Chowk	4	BRTS	2019	2023
19	Central Zone	Hodi Bungolw	4	Non BRTS	2014	2024
20	North Zone	Ved road police station	3	Non BRTS	2019	2023
21	North Zone	Akhand Anand Collage	3	Non BRTS	2019	2023
22	North Zone	Singanpore Char Rasta	4	Non BRTS	2019	2024
23	North Zone	Amba Talawadi Junction	5	Non BRTS	2019	2024
24	North Zone	Laxmikant Ashram	4	Non BRTS	2019	2023
25	South Zone - A	Kharvarnagar	5	BRTS	2018	2023
26	South Zone - A	Satya Nagar South Zone	3	BRTS	2014	2024
27	South Zone - A	Udhna Teen Rasta	3	BRTS	2014	2024
28	South Zone - A	Gurudwara Udhna	2	BRTS	2014	2024
29	South Zone - A	Udhna Academy College	2	BRTS	2014	2024
30	South Zone - A	Laxmi Narayan Mandir Teen Rasta	3	BRTS	2014	2024
31	South Zone - A	Daksheshwarmahadevmandir Teen Rasta	3	BRTS	2014	2024
32	South Zone - A	Zota House Pandesara GIDC	4	BRTS	2014	2024
33	South Zone - A	Naveen Florine	2	BRTS	2014	2024
34	South Zone - A	Bhestan Char Rasta	4	BRTS	2014	2024
35	South Zone - A	Bhestan Stn. Road	3	BRTS	2014	2024
36	South Zone - B	Unn Naka	4	BRTS	2014	2024
37	South Zone - B	Unn Crossing	4	BRTS	2014	2024
38	East Zone - B	SachinGIDC	3	BRTS	2014	2024
39	East Zone - B	Simada Naher Junction	3	BRTS	2015	2024
40	East Zone - B	Simada Gam	3	BRTS	2015	2024
41	East Zone - A	Vanmali Junction	3	BRTS	2015	2024
42	East Zone - A	Puna Gam Junction	4	BRTS	2015	2024
43	South West Zone	Panas Gam Junction	3	BRTS	2015	2023

No.	Zone	Intersection	Arms	Category	Installed	Upgraded
44	South East Zone	Bhatena Junction	4	BRTS	2015	2024
45	South Zone - A	Unique Hospital Junction	4	BRTS	2015	2024
46	South West Zone	Kapadiya Health Club Junction	4	BRTS	2015	2024
47	South West Zone	Jamnagar Junction	4	BRTS	2015	2024
48	South West Zone	Vivekanand Garden	4	BRTS	2015	2024
49	South West Zone	Ishwar farm Junction	4	BRTS	2015	2023
50	South West Zone	Bread Linear Road Junction	3	BRTS	2015	2023
51	South West Zone	Anuvrat Dhwar (Ashiwad Park Junction)	4	BRTS	2015	2024
52	East Zone - A	Royal Park/ Puna Saroli	4	BRTS	2015	2024
53	East Zone - B	Yogi Nagar Chowk	4	BRTS	2020	2024
54	South West Zone	Maharana Pratap / Safal Square	4	BRTS	2015	2024
55	South West Zone	Centre For Social Study	2	BRTS	2015	2024
56	South West Zone	Sport Sankul Junction	2	BRTS	2015	2024
57	South West Zone	VNSGU Gate junction	2	BRTS	2015	2024
58	South West Zone	Someshwara junction	4	BRTS	2015	2024
59	South West Zone	J. H. Ambani junction	4	BRTS	2015	2024
60	South West Zone	S. D. Jain school junction	4	BRTS	2015	2024
61	South West Zone	VIP road junction	4	BRTS	2015	2024
62	South West Zone	Dumas Resort Y junction	2	BRTS	2015	2023
63	Central Zone	Bhagal Char Rasta	4	Non BRTS	2015	2023
64	South East Zone	Aaimata Chowk (Mid-Block)/ Intercity township	2	BRTS	2017	2023
65	South East Zone	Aaimata Chowk	4	BRTS	2017	2023
66	South East Zone	Kheteshwar Mahadev (Mid-Block)	2	BRTS	2017	2023
67	East Zone - A	Sita Nagar Chokdi	4	BRTS	2020	2024
68	South East Zone	Shakti Nagar (Sanskruti Ac Market)	4	BRTS	2017	2024
69	South East Zone	Capital Square	4	BRTS	2017	2024
70	South East Zone	Midas Square	4	BRTS	2017	2024
71	South East Zone	Mahrana Pratap Chowk	4	BRTS	2017	2024
72	South East Zone	Khodiyar Nagar (Jogni Mata chowk)	4	BRTS	2017	2024
73	South East Zone	Aaspas Temple	4	BRTS	2017	2024
74	South East Zone	Mangal Panday (Mid-Block)	2	BRTS	2017	2024
75	South East Zone	Maharana Pratap (Mid-Block)	2	BRTS	2017	2024
76	South East Zone	Dindoli Char Rasta Near Dindoli Police Station	4	BRTS	2017	2024
77	South East Zone	Dindoli VariGruh (Mid-Block)	2	BRTS	2017	2023
78	Central Zone	Surat Railway Station	2	Non BRTS	2020	2023
79	East Zone - A	Poddar Arcade Varachha	3	Non BRTS	2015	2024
80	East Zone - A	Vaishali Junction	3	Non BRTS	2015	2024
81	East Zone - A	Mini Bazar	4	Non BRTS	2015	2024
82	East Zone - A	Central Ware House	3	Non BRTS	2015	2024
83	East Zone - A	Baroda Prestige (Mid-Block)	2	BRTS	2017	2024
85	East Zone - A	Hirabaug	5	BRTS	2017	2024
86	East Zone - A	Kapodara Police Station	3	BRTS	2017	2024
87	East Zone - B	Varachha Water Works (Chikuwadi)	2	BRTS	2017	2024
88	East Zone - B	Maharana Pratap Garden (Mid-Block)	2	BRTS	2017	2024
89	East Zone - B	Sagwadi (Mid-Block)	2	BRTS	2017	2023

No.	Zone	Intersection	Arms	Category	Installed	Upgraded
90	East Zone - B	Valak junction	4	BRTS	2017	2024
91	East Zone - B	Raghuvir Rowhouse (Mid-Block)	2	BRTS	2017	2023
92	East Zone - B	Laskana Patiya Char Rast	4	BRTS	2017	2024
93	East Zone - B	Laskana gam (Mid-Block)	2	BRTS	2017	2023
94	East Zone - B	D.G.V.C.L Laskana (Mid-Block)	2	BRTS	2017	2023
95	East Zone - B	Diamond Nagar (Mid-Block)	2	BRTS	2017	2024
96	East Zone - B	Pasodra Char Rasta	4	BRTS	2017	2024
97	East Zone - B	Shyam Nagar (Mid-Block)	2	BRTS	2017	2023
98	East Zone - B	Kamrej Terminal (Mid-Block)	2	BRTS	2017	2023
99	Central Zone	Daruwala Petrol Pump, Station Road	2	Non BRTS	2020	2023
100	East Zone - A	Archna school	3	Non BRTS	2020	2023
101	Central Zone	Ashapuri Teen Rasta	3	Non BRTS	2019	2023
102	Central Zone	Ruwalatekra	4	Non BRTS	2019	2023
103	South East Zone	Maruti Nagar char rasta/Veer bhagatsing chowk	4	Non BRTS	2019	2023
104	South East Zone	SK nagar	3	Non BRTS	2019	2023
105	West Zone	Chokshi wadi	3	Non BRTS	2015	2024
106	North Zone	Nagina wadi	4	Non BRTS	2015	2024
107	Central Zone	Timaliyawad	4	Non BRTS	2015	2024
108	West Zone	Prime arcade 1	3	Non BRTS	2015	2023
109	West Zone	Prime arcade 2	3	Non BRTS	2015	2023
110	West Zone	Honey Park	4	Non BRTS	2015	2023
111	South West Zone	Circuit house	3	Non BRTS	2015	2023
112	South West Zone	Ramchowk	3	Non BRTS	2015	2023
113	South West Zone	Union Park Char Rasta	4	Non BRTS	2015	2023
114	East Zone - A	Rachana Circle	4	BRTS	2020	2023
115	East Zone - B	VIP Circle, Utran	4	BRTS	2017	2024
116	East Zone - B	Royal Square	3	BRTS	2017	2023
117	East Zone - B	Bhavna Park, Varachha	4	BRTS	2015	2024
118	East Zone - A	Mangadh Chowk (Mid-block)	2	BRTS	2017	2023
119	East Zone - A	Central Ware House (Mid-block)	2	BRTS	2017	2023
120	West Zone	Sona Hotel Circle	4	BRTS	2023	-
121	East Zone - A	Golden Circle	4	Non BRTS	2023	-
122	East Zone - A	Umiya Circle	4	Non BRTS	2023	-
123	East Zone - A	Bhavani Gems Circle	4	Non BRTS	2023	-
124	West Zone	Palanpur patiya (Ganesh Mandir)	3	BRTS	2023	-
125	North Zone	Gotalawadi Tran Rasta	3	BRTS	2024	-
126	North Zone	Laxmi Enclave Circle	4	BRTS	2023	-
127	West Zone	Ramnagar	4	BRTS	2023	-
128	North Zone	Kasanagar	3	BRTS	2023	-
129	North Zone	Amroli Char Rasta	4	BRTS	2024	-
130	North Zone	Mansarowar	3	BRTS	2024	-
131	West Zone	Nitaben Sabhya Circle (Subhash Garden Circle)	4	BRTS	2023	-
132	Central Zone	Ved Darwaja	3	Non BRTS	2024	-
133	North Zone	Valinath Chowk	3	Non BRTS	2023	-
134	West Zone	Jahangirpura (Iskon Temple Circle)	3	Non BRTS	2023	-

No.	Zone	Intersection	Arms	Category	Installed	Upgraded
135	South Zone - A	Udhana Gam	3	BRTS	2023	-
136	West Zone	Adajan Gam	4	BRTS	2023	-
137	West Zone	Pal Jakatnaka/ Rajhansh Cinema Pal	3	BRTS	2023	-
138	West Zone	Pal New RTO	4	BRTS	2023	-
139	East Zone - A	Devji Nagar T Point	3	Non BRTS	2023	-
140	East Zone - A	Mangadh Chowk	4	Non BRTS	2023	-
141	East Zone - A	Ankur Char Rasta	4	Non BRTS	2023	-
142	West Zone	Sheetal Char Rasta	4	Non BRTS	2023	-
143	West Zone	Pal Canal Jalaram Temple	4	Non BRTS	2023	-
144	South West Zone	Classic T-Point	3	Non BRTS	2023	-
145	South West Zone	Police Head Quarters	3	Non BRTS	2023	-
146	South West Zone	Parle Point	3	Non BRTS	2023	-
147	West Zone	Adajan Patiya	4	BRTS	2024	-
148	South West Zone	SVNIT Junction	3	BRTS	2024	-
149	South West Zone	Kargil Chowk Junction	3	BRTS	2024	-
150	South West Zone	RR Mall	3	BRTS	2023	-
151	South West Zone	Shree Sai Mandir Junction	3	BRTS	2023	-
152	South West Zone	Magdalla Gam Junction	3	BRTS	2023	-
153	South West Zone	Dumas Resort Y Junction	4	BRTS	2023	-
154	West Zone	Suryapur Society Junction	4	BRTS	2024	-
155	South West Zone	Breadliner Circle	4	Non BRTS	2024	-
156	South West Zone	Olive Circle	4	Non BRTS	2024	-
157	South West Zone	Navjivan Circle	4	Non BRTS	2024	-
158	South West Zone	Tuli Hospital T-Point	3	Non BRTS	2023	-
159	West Zone	V M Sakariya Circle	3	BRTS	2023	-
160	South West Zone	St.Xaviers School	3	Non BRTS	2023	-
161	South West Zone	Pizza Hut	4	Non BRTS	2023	-
162	South West Zone	City Bank Char Rasta	4	Non BRTS	2023	-
163	South West Zone	Science Center	3	Non BRTS	2023	-
164	South West Zone	Om Terrace	3	BRTS	2023	-
165	South West Zone	Nr. Bharthana Primary School Char Rasta	4	BRTS	2023	-
166	West Zone	Missile Circle (Rocket Circle)	3	BRTS	2023	-
167	South Zone - A	Piyush Point	4	BRTS	2023	-
168	South Zone - A	Patrakar Colony	4	BRTS	2023	-
169	South Zone - A	Kailashnagar Junction	4	BRTS	2023	-
170	South West Zone	Shri Niketan Soc./ Shyambaba Temple	4	BRTS	2023	-
171	South West Zone	Ratnashyam Junction/ Ranjit Circle Vip Road/	4	Non BRTS	2023	-
172	West Zone	Tadwadi Junction	3	BRTS	2023	-
173	East Zone - A	Mahavir Chowk	4	Non BRTS	2023	-
174	South East Zone	Dumbhal Fire Station	3	Non BRTS	2023	-
175	South East Zone	Narayan Nagar (Textile Trade Link)	3	Non BRTS	2023	-
176	South East Zone	Sanjay Nagar Circle	3	Non BRTS	2023	-
177	South East Zone	Subhash Nagar Junction	3	Non BRTS	2023	-
178	South East Zone	Madhav Park Society Junction	3	Non BRTS	2023	-
179	East Zone - B	Uttran Power Station	3	Non BRTS	2023	-

No.	Zone	Intersection	Arms	Category	Installed	Upgraded
180	East Zone - B	Samtanagar Junction	3	Non BRTS	2023	-
181	East Zone - B	Platinum Point Junction	4	Non BRTS	2023	-
182	East Zone - B	Varni Plaza Y Junction	3	Non BRTS	2024	-
183	East Zone - B	Tapi Arcade Junction	4	Non BRTS	2023	-
184	West Zone	Pal Haveli	3	Non BRTS	2023	-
185	West Zone	Reva Nagar Society Junction	3	Non BRTS	2023	-
186	West Zone	Dahi Nagar Society Junction	3	Non BRTS	2023	-
187	East Zone - B	V.T. Circle	3	Non BRTS	2024	-
188	East Zone - A	Old Bombay Market	3	Non BRTS	2023	-
189	East Zone - A	LIC Circle	3	Non BRTS	2023	-
190	South Zone - A	Terenam Junction	4	BRTS	2023	-
191	West Zone	Swaminarayan Chowk	3	BRTS	2024	-
192	South Zone - A	64 Jogni Mata Temple Khatodra	3	Non BRTS	2023	-
193	South East Zone	Dindoli Varigruh Teen Rasta	3	BRTS	2023	-
194	South East Zone	Krishna Cinema Junction	3	Non BRTS	2023	-
195	South East Zone	Mahaprabhu Nagar Society Junction	3	Non BRTS	2023	-
196	East Zone - B	AIR Mall Junction	4	Non BRTS	2024	-
197	East Zone - B	Sudama Chowk	4	Non BRTS	2023	-
198	East Zone - B	Ram Chowk (Mota Varachha)	4	Non BRTS	2023	-
199	East Zone - B	Nand Chowk	3	Non BRTS	2023	-
200	East Zone - B	Lajamni Chowk	3	Non BRTS	2024	-
201	West Zone	Silicon Luxuria Junction	4	Non BRTS	2023	-
202	West Zone	Nishal Circle	4	Non BRTS	2023	-
203	West Zone	Kelly Circle	4	Non BRTS	2023	-
204	West Zone	Galaxy Circle	4	Non BRTS	2023	-
205	West Zone	Pal Gam Circle	4	Non BRTS	2023	-
206	West Zone	Baghban Circle	4	Non BRTS	2023	-
207	West Zone	Apex Hospital Circle	4	Non BRTS	2023	-
208	East Zone - B	Vraj Chowk	3	Non BRTS	2024	-
209	South Zone - A	Pramukh Park - Bhedwad Khadi Teen Rasta	3	BRTS	2024	-
210	South West Zone	Piplod BRTS Mid-Block (BRTS Crossing)	2	BRTS	2024	-
211	South West Zone	Lancer Army BRTS Mid-Block (BRTS Crossing)	2	BRTS	2024	-
212	South Zone - A	Althan Khadi BRTS Mid-Block (BRTS Crossing)	2	BRTS	2023	-
213	South West Zone	China Gate BRTS Mid-Block (BRTS Crossing)	2	BRTS	2024	-
214	South West Zone	Sangini Circle	5	Non BRTS	2024	-
215	South Zone - A	Tulsi Dham/ Das Circle	4	BRTS	2023	-
216	East Zone - B	Jalaram temple	4	Non BRTS	2024	-
217	South West Zone	VIP Canal Road	4	Non BRTS	2024	-
218	East Zone - A	Vishwakarma Junction	4	BRTS	2024	-

CHAPTER 8
ANNEXURES



ANNEXURE 8-1 | Results of Road Inventory within TRDRP Influence Area

Road Type within TRDRP Influence Area

No.	Road Type	% of Road Length	
		SMC	RoSUDA
1	National Highway	0.0%	23.5%
2	State Highway	0.0%	14.3%
3	Major District Road	0.0%	0.0%
4	Other District Road	0.0%	62.2%
5	Arterial Road	31.3%	0.0%
6	Sub arterial Road	24.7%	0.0%
7	Collector Road	44.0%	0.0%
8	Local Street	0.0%	0.0%

Lane Configuration within TRDRP Influence Area

No.	Lane Configuration	% of Road Length	
		SMC	RoSUDA
1	Single Lane	8.2%	36.3%
2	Intermediate Lane	2.6%	0.0%
3	Two Lane	27.9%	34.4%
4	Three Lane	0.2%	0.0%
5	Four Lane	40.9%	14.5%
6	Five Lane	0.0%	0.0%
7	Six Lane and Above	20.1%	14.8%

No.	Lane Configuration	% of Road Length	
		SMC	RoSUDA
1	Divided	54.1%	43.2%
2	Un-Divided	45.9%	56.8%

RoW within TRDRP Influence Area

No.	RoW (m)	% of Road Length	
		SMC	RoSUDA
1	<10	16.0%	49.0%
2	10-20	35.7%	14.1%
3	20-30	24.2%	0.0%
4	30-40	12.1%	0.0%
5	40-60	11.9%	22.4%
6	>60	0.0%	14.5%

Footpath within TRDRP Influence Area

No.	Footpath Availability	% of Road Length	
		SMC	RoSUDA
1	Yes	45.3%	0.00%

2	No	54.7%	100.0%

No.	Footpath Width	% of Road Length	
		SMC	RoSUDA
1	0	54.7%	100.0%
2	<= 1.2	6.0%	0.0%
3	1.2 - 2	34.3%	0.0%
4	2 - 4	4.9%	0.0%
5	4 - 6	0.0%	0.0%
6	>6	0.0%	0.0%

No.	Footpath Condition	% of Road Length	
		SMC	RoSUDA
1	Good	53.4%	-
2	Fair	37.5%	-
3	Poor	9.1%	-

Pavement within TRDRP Influence Area

No.	Pavement Type	% of Road Length	
		SMC	RoSUDA
1	Bituminous	96.8%	100.0%
2	Cement Concrete	0.3%	0.0%
3	Water bound macadam	0.0%	0.0%
4	Paver Blocks	2.9%	0.0%

No.	Pavement Condition	% of Road Length	
		SMC	RoSUDA
1	Good	67.3%	83.0%
2	Fair	26.0%	17.0%
3	Poor	6.7%	0.0%

Street Light within TRDRP Influence Area

No.	Streetlight	% of Road Length	
		SMC	RoSUDA
1	Both	1.7%	8.1%
2	Central	45.0%	0.0%
3	Road Side	42.9%	35.6%
4	Nil	20.4%	56.3%

Signages within TRDRP Influence Area

No.	Signages	% of Road Length	
		SMC	RoSUDA
1	Not Available	54.7%	18.4%
2	Good	43.6%	22.6%
3	Fair	1.8%	59.0%

No.	Signages	% of Road Length	
		SMC	RoSUDA
4	Poor	0.0%	0.0%

Road Markings within TRDRP Influence Area

No.	Road Markings	% of Road Length	
		SMC	RoSUDA
1	Not Available	28.4%	3.3%
2	Good	68.2%	54.0%
3	Fair	2.9%	42.7%
4	Poor	0.5%	0.0%

Bicycle Tracks within TRDRP Influence Area

No.	Cycle Track Availability	% of Road Length	
		SMC	RoSUDA
1	No	97.5%	100.0%
2	Yes	2.5%	0.0%

Bicycle Tracks within TRDRP Influence Area

No.	Cycle Track Condition	% of Road Length	
		SMC	RoSUDA
1	Good	73.3%	0.0%
2	Poor	26.7%	0.0%

Broad Land Use along Road Network within TRDRP Influence Area

No.	Land Use	% of Road Length	
		SMC	RoSUDA
1	Residential	40.2%	18.7%
2	Mixed	37.9%	56.3%
3	Commercial	7.2%	0.0%
4	Institutional	0.7%	0.0%
5	Recreation	0.1%	0.0%
6	Industrial	0.7%	0.0%
7	Open land	5.4%	0.0%
8	Agricultural	7.4%	25%
9	Barren	0.0%	0.0%
10	Reserved land	0.4%	0.0%

ANNEXURE 8-2 | Details of Proposed New/Missing Links within TRDRP Influence Area

No.	Road Section	Length (km)	PCU 2034	PCU 2044	PCU 2054	Lane Configuration	Year
1	Abrama - Choriyasi Road via Sayan-Kathor Road	4.82	3,228	4,005	5,038	Four Lane - Divided - Two way- Urban	2034
2	Abrama Village Road	1.77	3,347	3,623	4,236	Four Lane - Divided - Two way- Urban	2034
3	Bhada - Velanja River Bridge	2.44	2,545	2,874	3,229	Four Lane - Divided - Two way- Urban	2034
4	Bhada to Chedcha via Surat-Kamrej Road	8.19	3,426	4,221	5,427	Six Lane - Divided - Two way- Urban	2034
5	DD Sports Center to Outer Ring Road	1.56	3,296	3,358	3,757	Four Lane - Divided - Two way- Urban	2034
6	Icchapore GIDC to Bhatha	3.89	2,453	2,754	3,353	Four Lane - Divided - Two way- Urban	2034
7	Kathor Village Bypass Road	2.47	2,349	2,995	3,865	Four Lane - Divided - Two way- Urban	2034
8	Kholvad-Sarthana Jakatnaka Road via Bhada, Valak	6.24	2,641	3,027	3,421	Four Lane - Divided - Two way- Urban	2034
9	Missing Link Connecting Dabholi Road	0.56	5,398	5,254	5,700	Six Lane - Divided - Two way- Urban	2034
10	P. P. Savani Cambridge International School - Mota Varachha Gothan Link Road	2.22	2,613	2,962	3,369	Four Lane - Divided - Two way- Urban	2034
11	Riverfront Road from Sardar Patel Bridge to Causeway via Surat Castle	4.81	2,880	3,019	3,198	Four Lane - Divided - Two way- Urban	2034
12	Surat-Kamrej Road (SH-167) Laskana to Antroli (Surat-Kadodara Road)	7.96	4,297	5,814	8,170	Eight Lane - Divided - Two way- Urban	2034
13	Variyav to Segwasyadla	3.85	4,103	4,658	5,444	Six Lane - Divided - Two way- Urban	2034
14	Vasvari (SH-168) to Surat-Kamrej Road (SH-167) Laskana	7.69	4,500	4,814	5,249	Six Lane - Divided - Two way- Urban	2034
15	Divyalok Society-Abrama Link Road	1.32	1,674	2,128	2,841	Four Lane - Divided - Two way- Urban	2044
16	River Front Road near P. P. Savani Cambridge International School	1.07	1,769	2,090	2,531	Four Lane - Divided - Two way- Urban	2044
17	Amboli Village Road	1.53	401	682	1,135	Two Lane - Undivided - Two way- Urban	2054
18	Bhada Village Link Road	0.28	50	120	250	Two Lane - Undivided - Two way- Urban	2054
19	Gokuldham road	0.69	1,437	1,504	1,703	Two Lane - Undivided - Two way- Urban	2054
20	Heaven Resort Road	0.17	50	120	250	Two Lane - Undivided - Two way- Urban	2054
21	Kamrej IIIT Road	0.85	54	68	99	Two Lane - Undivided - Two way- Urban	2054
22	Kathor Village Link Road	0.90	670	976	1,381	Two Lane - Undivided - Two way- Urban	2054
23	Kholvad Link Road-1	0.57	55	126	251	Two Lane - Undivided - Two way- Urban	2054
24	Kholvad Link Road-2	0.54	55	126	251	Two Lane - Undivided - Two way- Urban	2054
25	Kholvad Pasodara Road	1.48	143	207	333	Two Lane - Undivided - Two way- Urban	2054
26	Kholvad-Kamrej TP Road	1.63	121	147	187	Two Lane - Undivided - Two way- Urban	2054

No.	Road Section	Length (km)	PCU 2034	PCU 2044	PCU 2054	Lane Configuration	Year
27	Kosad Fire Station to Shahjanand Apartment	1.29	1,367	1,504	1,800	Two Lane - Undivided - Two way- Urban	2054
28	Laskana-Kholvad to Kamrej-Kholvad Link Road	1.00	67	81	88	Two Lane - Undivided - Two way- Urban	2054
29	Link Road between Kamrej Village and Kholvad Bridge	2.01	532	778	1,202	Two Lane - Undivided - Two way- Urban	2054
30	Nava Faliya Road Kathor	0.85	732	1,045	1,457	Two Lane - Undivided - Two way- Urban	2054
31	Riverfront Road from Causeway to Chandrashekhar Azad Bridge (Rander)	1.93	1,124	1,238	1,408	Two Lane - Undivided - Two way- Urban	2054
32	Riverfront Road from Kathor to Karjan via NH-48	12.17	622	954	1,473	Two Lane - Undivided - Two way- Urban	2054
33	Road along Tapi River from Utran Road to Chhannu Colony Chhaprabhatha	3.63	1,274	1,290	1,591	Two Lane - Undivided - Two way- Urban	2054
34	Surat-Kamrej Link	0.86	50	120	250	Two Lane - Undivided - Two way- Urban	2054
35	Valak TP Road	1.89	425	530	681	Two Lane - Undivided - Two way- Urban	2054

ANNEXURE 8-3 | Details of Proposed Road Widening within TRDRP Influence Area

No.	Road Section	Length (km)	Lane Configuration	Year	Lane Configuration 2024	Lane Configuration 2054	V/C Ratio 2034	V/C Ratio 2044	V/C Ratio 2054
1	Hanuman Tekri Road from Olpad Road to Bhandariwad Road	1.35	Two Lane to Four Lane	2044	Two Lane	Four Lane	0.72	0.86	1.04
2	Hazira Sayan Road from Chhaprabhatta to Icchapore	10.33	Two Lane to Eight Lane	2044	Two Lane	Eight Lane	0.66	0.70	0.81
3	Hazira Sayan Road from Chhaprabhatta to Icchapore	28.97	Four Lane to Eight Lane	2044	Four Lane	Eight Lane	0.72	0.80	1.00
4	Road connecting Olpad Road and Bhandariwad Road	0.82	Two Lane to Four Lane	2044	Two Lane	Four Lane	0.42	0.49	0.57

ANNEXURE 8-4 | Details of Proposed Corridor Improvement within TRDRP Influence Area

No.	Road Section	Length (km)	No.	Road Section	Length (km)
1	Adajan Road	0.48	22	Olpad Road	1.43
2	Amroli Road - 1	1.01	23	Pal Village Road	2.65
3	Amroli Road - 2	1.76	24	Palanpur Canal Road	5.85
4	Causeway Link Road	0.95	25	Patel Street	0.76
5	Causeway Road	4.11	26	Rachna Road	0.47

No.	Road Section	Length (km)	No.	Road Section	Length (km)
6	Chhaprabhatta Road	3.68	27	Sardar Patel Road	0.81
7	Chowk Bazaar-Station Road-Cinema Road	2.35	28	Satellite Road	0.83
8	Dabholi Road	2.82	29	Satellite Road	1.31
9	Dabholi-Jahangirpura Road.	0.75	30	SH-169	2.11
10	Doctor Park Road	2.20	31	SH-6	1.01
11	Gajera Road	2.03	32	Star Garden Road	1.62
12	Gaurav Path	4.28	33	Surat-Dumas Road	2.85
13	Ghod Dod Road	2.59	34	Surat-Kamrej Road - 1	4.51
14	Green Road	0.23	35	Surat-Kamrej Road - 2	1.89
15	Hazira-Adajan Road - 2	1.07	36	Uttran Bridge Road	0.37
16	Inner Ring Road	8.10	37	Uttran Road	1.52
17	Jahangirpura Main Road	1.62	38	Vallabhacharya Road	0.53
18	Kathor Road	0.79	39	Ved Road	4.53
19	Kshetrapal Dada Marg-Kotsafil Main Road-Kaskiwad Bhagal Road	4.02	40	Vesu Main Road	3.88
20	Maharana Pratap Road	1.94	41	Vrundavan Road	1.05
21	New Rander Road	2.58			

ANNEXURE 8-5 | Details of Proposed New RoBs/RuBs within TRDRP Influence Area

No.	RoB/RuB Name	Length (km)	PCU			Lane Configuration	Year
			2034	2044	2054		
1	Kholvad-Sarthana Jakatnaka Road via Bhada, Valak	0.60	2,298	2,566	2,827	Four Lane - Divided - Two way- Urban	2034
2	Vasvari (SH-168) to Surat-Kamrej Road (SH-167) Laskana	0.77	2,346	2,674	3,144	Four Lane - Divided - Two way- Urban	2034
3	River Front Road near P. P. Savani Cambridge International School	0.27	1,769	2,090	2,531	Four Lane - Divided - Two way- Urban	2044
4	Bhada to Chedcha via Surat-Kamrej Road	0.09	1,673	1,782	1,961	Two Lane - Undivided - Two way- Urban	2054
5	Kholvad Pasodara Road	0.67	143	207	333	Two Lane - Undivided - Two way- Urban	2054
6	Road along Tapi River from Utran Road to Chhannu Colony Chhaprabhatha	0.45	1,274	1,290	1,591	Two Lane - Undivided - Two way- Urban	2054

ANNEXURE 8-6 | Details of Proposed Upgradation of RoBs/RuBs within TRDRP Influence Area

No.	RoB/RuB Name	Length (km)	Year	Lane Configuration		V/C Ratio		
				2024	2054	2034	2044	2054
1	Pramukhswami Over Bridge	0.34	2054	Four Lane	Six Lane	0.51	0.53	0.56

ANNEXURE 8-7 | Details of Proposed New River Bridges within TRDRP Influence Area

No.	River Bridge	Length (km)	PCU			Lane Configuration	Year
			2034	2044	2054		
1	Bhada - Velanja River Bridge	1.03	3,751	4,411	5,188	Six Lane - Divided - Two way- Urban	2034
2	Dabholi Link Road to Hazira-Sayan Road via Jahangirpura	2.01	4,790	5,315	5,917	Six Lane - Divided - Two way- Urban	2034
3	River Bridge across Tapi River from Ved River Road to Chhaprabhatha Road	1.74	3,123	3,104	3,718	Four Lane - Divided - Two way- Urban	2034
4	River Bridge adjacent to Utran Railway Station	1.23	5,360	5,779	6,445	Six Lane - Divided - Two way- Urban	2034
5	River Bridge from New Rander Road to Bhari Mata Temple Road	1.00	3,807	3,981	4,270	Four Lane - Divided - Two way- Urban	2034
6	Road over Proposed Barrage	1.94	2,622	2,951	3,315	Four Lane - Divided - Two way- Urban	2034
7	Vasvari (SH-168) to Surat-Kamrej Road (SH-167) Laskana	0.64	4,229	4,689	5,680	Six Lane - Divided - Two way- Urban	2034

ANNEXURE 8-8 | Details of Proposed Upgradation of River Bridges within TRDRP Influence Area

No.	River Bridge	Length (km)	Year	Lane Configuration		V/C Ratio		
				2024	2054	2034	2044	2054
1	Amroli Bridge over Tapi River	0.71	2034	Four Lane	Eight Lane	0.97	1.00	1.13
2	Dabholi Jahangirpura Bridge	1.12	2034	Four Lane	Six Lane	0.63	0.67	0.73
3	Pandit Deenadayaal Upadhyay Cable Stayed Bridge	0.64	2034	Four Lane	Eight Lane	0.48	0.52	0.55
4	Savaji Korat Bridge	1.77	2034	Four Lane	Eight Lane	0.62	0.67	0.74
5	Sri Chandrashekhar Azad Bridge	1.24	2034	Four Lane	Eight Lane	0.84	0.88	0.95
6	Nehru Bridge (Old Bridge)	0.96	2044	Four Lane	Eight Lane	0.57	0.61	0.65
7	Pal Umra Bridge	1.09	2044	Four Lane	Eight Lane	0.50	0.55	0.62

No.	River Bridge	Length (km)	Year	Lane Configuration		V/C Ratio		
				2024	2054	2034	2044	2054
8	Ved-Variyav Bridge	3.74	2044	Four Lane	Eight Lane	0.55	0.58	0.67

ANNEXURE 8-9 | Details of Proposed Intersection Improvement within TRDRP Influence Area

No.	Intersection	Type	No.	Intersection	Type	No.	Intersection	Type
Immediate Intersections								
1	Adajan Circle	4 Arm	9	Bhramakumaris Peace Circle	4 Arm	17	Katargam Darwaja 2 Jn.	4 Arm
2	Adajan Patiya Jn.	3 Arm	10	Bhulkabhavan Circle	3 Arm	18	Katargam Darwaja 3 Jn.	3 Arm
3	Amroli Char Rasta	3 Arm	11	Dabholi Gam Jn.	5 Arm	19	Keval Chowk	4 Arm
4	Amroli Cross Road Jn.	3 Arm	12	Gotalawadi Jn.	3 Arm	20	Mota Varachha Talab Jn.	4 Arm
5	Anuvrat Dwar 1 Jn.	4 Arm	13	Gujarat Gas Circle	4 Arm	21	Simada Naka Jn.	5 Arm
6	Anuvrat Dwar 2 Jn.	5 Arm	14	Income Tax Circle	4 Arm	22	Tapasavi Raghuramji Chowk	3 Arm
7	Ashwani Kumar Circle	5 Arm	15	Jain Deraasar Amroli Jn.	4 Arm	23	The Radiant Circle	5 Arm
8	Bhari Road Mata Jn.	4 Arm	16	Katargam Darwaja 1 Jn.	3 Arm	24	Variyav STP Jn.	4 Arm
Short Term Intersections								
1	Antillia Skyline Jn.	3 Arm	20	Maruti Chowk	3 Arm	39	Shitalamaa Mandir Jn.	4 Arm
2	Athwa Darwaja	5 Arm	21	Momnawad Circle	5 Arm	40	Shree Kanthariya Hanuman Jn.	4 Arm
3	Baghban Circle	4 Arm	22	Moril Farm Jn.	3 Arm	41	Shree Ram Chowk	4 Arm
4	Bapu Nagar Jn.	4 Arm	23	Moti Ved Dargah Jn.	4 Arm	42	Shyam Dham Mandir Jn.	4 Arm
5	Bhagal Char Rasta	4 Arm	24	MV Circle	5 Arm	43	Silverstone Residency Jn.	4 Arm
6	Dabholi RTO Circle	4 Arm	25	Nani Bahucharaji Temple Jn.	5 Arm	44	Singapore Circle	4 Arm
7	Dholakia Farm Road Jn.	3 Arm	26	Nani Ved Jn.	4 Arm	45	SMC Health Club Jn.	4 Arm
8	District Court Jn.	3 Arm	27	Pal Gam Road Jn.	3 Arm	46	Subhash Baug Jn.	5 Arm
9	Doctor Park Jn.	4 Arm	28	Pal Haveli Jn.	3 Arm	47	Sudama Chowk	4 Arm
10	Florence Circle	4 Arm	29	Pal RTO Jn.	4 Arm	48	Suman Nursery Jn.	4 Arm
11	Gopi Talav Circle	5 Arm	30	Pandol Police Chowki Jn.	4 Arm	49	Swami Vivekanand Circle	8 Arm
12	Hathi Mandir Road Jn.	4 Arm	31	Rajwadi Party Plot Jn.	4 Arm	50	Swastik Chowk	4 Arm
13	Hirabaug Varachha Road Jn.	4 Arm	32	River Haven Chowk	4 Arm	51	Tekrawala School Jn.	4 Arm

No.	Intersection	Type	No.	Intersection	Type	No.	Intersection	Type
14	Isckon Cross Road Jn.	3 Arm	33	RR Mall Circle	4 Arm	52	Valak Gam Jn.	4 Arm
15	Karmnath Mandir Jn.	4 Arm	34	Sardar Hospital Jn.	3 Arm	53	Valinath Circle	4 Arm
16	Kathor Road Jn.	4 Arm	35	Sardar Patel Society Jn.	4 Arm	54	Vichare Kranti Circle	4 Arm
17	Kosad BRTS Depot Jn.	4 Arm	36	Saurashtra Vadi Hall Jn.	3 Arm	55	VIP Circle	4 Arm
18	Lajamani Chowk	4 Arm	37	SD Jain Modern School Jn.	4 Arm	56	Zudio Jn.	3 Arm
19	Majura Darwaja	4 Arm	38	Shantinagar Society Jn.	3 Arm			

CHAPTER 9
ANNEXURES



ANNEXURE 9.1 | Detailed Unit Costs for Broad Cost Estimates

No.	Item Description	Unit	Unit Cost (INR Crore)
1	New Road Construction	km	12.96
2	Road Widening (Overlay on Existing Road, 500mm thick Embankment filling/cutting is considered)		
A	Two Lane to Four Lane	km	7.25
B	Four Lane to Six Lane	km	7.41
C	Six Lane to Eight Lane	km	7.57
3	Road Widening		
A	Intermediate Lane to 4 Lane	km	10.87
B	2 Lane to 4 Lane	km	7.25
C	4 Lane to 6 Lane	km	7.41
4	Missing Links	km	5.02
5	2 Lane RoB	no.	36.00
6	2 Lane RuB	no.	12.05
7	2 Lane Major Bridge	no.	117.56
8	2 Lane Flyover	no.	23.33
9	4 Lane ROB	no.	57.32
10	4 Lane RUB	no.	20.40
11	4 Lane Major Bridge	no.	176.73
12	4 Lane Flyover	no.	33.18
13	6 Lane ROB	no.	67.37
14	6 Lane RUB	no.	25.08
15	6 Lane major Bridge	No.	221.91
16	6 Lane Flyover	no.	36.13
17	River Bridge - Widening - 2 to 4 Lane	no.	89.60
18	River Bridge - Widening - 4 to 6 Lane	no.	134.78
19	River Bridge - Widening - 6 to 8 Lane	no.	190.88
20	RoB - Widening - 2 to 4 Lane	no.	36.00
21	RoB - Widening - 4 to 6 Lane	no.	50.35
22	RoB - Widening - 6 to 8 Lane	no.	71.94
13	Junction Improvement (Dismantling of Ex. Road upto GSB, const. of new junction is considered)		
A	Junction Improvement (3 arm) - Bitumen	no.	0.39
B	Junction Improvement (4 arm) - Bitumen	no.	0.50
C	Junction Improvement (5 arm) - Bitumen	no.	0.65
D	Junction Improvement (6 arm) - Bitumen	no.	0.78
E	Junction Improvement (8 arm) - Bitumen	no.	1.04
14	Railway Lines	km	31.50
15	Station Area Traffic Improvement Scheme (SATIS)	no.	31.50
16	Metro Neo	km	78.75
17	Metro Lite	km	157.50
18	Conventional Metro (Under Ground)	km	682.50
19	Conventional Metro (Elevated)	km	283.50
20	Sub-Urban Rail	km	31.50
21	BRTS	km	31.50
22	Bus Fleet Augmentation	no.	0.84

No.	Item Description	Unit	Unit Cost (INR Crore)
23	E-Bus Augmentation	no.	1.58
24	Intracity Bus Terminal Redevelopment	no.	8.19
25	Intracity Bus Terminal (New)	no.	18.50
26	Intercity Bus Terminal Redevelopment	no.	8.19
27	Intra City Bus Depot - Small	no.	9.50
28	Intra City Bus Depot - Medium	no.	12.50
29	Intra City Bus Depot - Large	no.	25.50
30	Inter City Bus Terminal (New)	no.	125.00
31	Multi-Modal Hubs		
A	Major	no.	157.50
C	Minor	no.	52.50
32	Multi-Modal Transfer Stations	no.	3.19
33	Pedestrian Grade Separators	no.	3.25
34	Footpath	INR per sqm	4,432
35	Bicycle Track (Painting)	km	0.11
36	Construction of New Bicycle track (Paver Block 60mm thick)	km	0.46
37	Segregated Cycle Track	km	0.45
38	Pedestrian Priority Streets	km.	3.11
39	Truck Terminals and Logistical hubs	per acre	2.11
40	Off-Street Parking Facilities	no.	8.50
41	New Light Facility-Double Arm	no.	0.01
42	Traffic Calming		
A	2 Lane Road	per km	0.07
B	4 Lane Road	per km	0.11
43	Signalization		
A	Renovation of Traffic Signals at Junctions	no.	0.07
B	Smart Signals (set of 4)	no.	0.20
44	Corridor Improvement	per km	8.50
45	BRTS Station Redevelopment	lumpsum	0.35
46	Smart Bus Shelters	lumpsum	0.25
47	Bus Terminals Improvements	lumpsum	1.50
48	Suburban Station Improvements	lumpsum	10.00

CHAPTER 10
ANNEXURES



ANNEXURE 10.1 | Minutes of Meeting of Inception Report, Interim Report and Traffic Survey Report, and Draft CMP Report

01 MINUTES OF MEETING

Project	|	Revision of Comprehensive Mobility Plan (CMP) for Surat
Meeting Subject	|	Inception Report Presentation
Meeting Purpose	|	To introduce need and scope of study, preliminary study area profile, broad traffic and transportation characteristics, mobility issues and challenges, broad profile of Tapi Riverfront Project (including study area and transportation profile, activity mapping, broad mobility issues and challenges, and broad planning approach), overall study approach and methodology, secondary and primary data collection plan, and overall work plan to SMC and other stakeholders.
Date and Time	|	June 14, 2024, 11:00 AM
Place	|	Room No.-88, Conference Room, Surat Municipal Corporation (SMC)-Headquarters, Gordhandas Chokhawala Marg, Muglisara, Surat - 395003

ATTENDEES

No	Name	Designation	Organization
1	Mr. D C Bhagwagar	Additional City Engineer (Civil)	Surat Municipal Corporation (SMC)
2	Mr. J M Desai	Additional City Engineer (Civil)	
3	Ms. S P Desai	Deputy Mun. Commissioner	
4	Mr. Chandresh Makwana	Deputy Engineer	
5	Mr. Rao Maulik M	Executive Engineer (Traffic)	
6	Mr. J N Chauhan	Deputy General Manager	Tapi Riverfront Development Corporation Ltd.
7	Mr. R S Barfiwala	Assistant General Manager	
8	Mr. P R Prasad	General Manager (Operations)	Surat Sitilink Ltd.
9	Mr. Nilesh R Patel	Assistant Manager (Operations)	
10	Mr. Chaital Prajapati	Assistant Manager (Operations)	
11	Mr. Dhvani A Patel	Depot Manager	
12	Mr. Jitesh Vora	Town Planner	Surat Urban Development Authority (SUDA)
13	Mr. Virat Patel	Assistant Town Planner	
14	Mr. Chauhan H M	Police Inspector	Gujarat Police Department
15	Mr. D Siddi Ramulu	Team Leader (Transport Planner)	Assystem India Ltd. (Consultant for Revision of CMP for Surat)
16	Mr. K Sankar	Transport Planner/Modeller	
17	Mr. Aman Randhawa	Urban/Transport Planner	
18	Mr. Vaibhav Patel	Urban Planner	
19	Mr. Rajat Tyagi	Urban/Transport Planner	
20	Mr. Hardik Gandhi	Urban Designer	HCP Design, Planning & Mang. Pvt. Ltd.

COMMENTS/SUGGESTIONS FROM ATTENDEES

1	SMC suggested Assystem India Ltd. to take into consideration the 'City Logistics Plan' prepared for Surat by Gujarat Industrial Development Corporation (GIDC) while undergoing the CMP Study for Surat.
2	SMC requested Assystem India Ltd. to provide the improvement proposals for the Tapi Riverfront Development

	Project by the end of October 2024, along with Interim Report.
3	SUDA suggested Assystem India Ltd. to collect the updated status and other details of the Outer Ring Road (ORR) in Surat.
4	Surat Sitilink Ltd. suggested Assystem India Ltd. to update the prevailing characteristics of the public bus transport system in Surat; including details associated to fleet, network, influence area, etc.

REQUESTS/SUGGESTIONS FROM ASSYSTEM INDIA LTD.

1	Assystem India Ltd. requested the representative of the Gujarat Police Department to facilitate necessary permissions for carrying out the primary surveys in the study area.
2	Assystem India Ltd. suggested that strategic proposals for the Tapi Riverfront Development Project would be presented at the Interim Report Stage. As per ToR, the timeline for submitting Interim Report is 8 months (i.e., October 2024) from the issue of LOA, but Assystem India Ltd. intends to submit the Interim Report (along with strategic proposals for the Tapi Riverfront Development Project) by the end of September 2024.
3	Assystem India Ltd. requested SMC to publish an advertisement in a local newspaper to inform the local population towards the purpose and tentative timeline of carrying out household survey in Surat.
4	Assystem India Ltd. intends to initiate the primary surveys (including traffic and transportation surveys) from June 19/20, 2024.

02 MINUTES OF MEETING

Project	|	Revision of Comprehensive Mobility Plan (CMP) for Surat
Meeting Subject	|	Interim Report and Traffic Survey Report Presentation
Meeting Purpose	|	To present the findings of various Secondary Data analysis and Primary Traffic Surveys, along with Service Level Benchmarks and Short-Term Proposals.
Date and Time	|	February 07, 2025, 11:00 AM
Place	|	Room No.-88, Conference Room, Surat Municipal Corporation (SMC)-Headquarters, Gordhandas Chokhawala Marg, Muglisara, Surat - 395003

ATTENDEES

No	Name	Designation	Organization
1	Mr. D C Bhagwagar	Additional City Engineer (Civil)	Surat Municipal Corporation (SMC)
2	Mr. J M Desai	Additional City Engineer (Civil)	
3	Mr. Akshay Pandya	Chief Engineer	
4	Mr. Manish Doctor	Deputy Municipal Commissioner	
5	Mr. Rao Maulik M	Executive Engineer (Traffic)	
6	Mr. Rakesh Modi	Executive Engineer	
7	Mr. Ved Prakash Mishra	Assistant Manager, Civil	Gujarat Metro Rail Corporation Ltd.
8	Mr. K J V Ramana Rao	Multi-Modal Expert	
9	Mr. Nilesh R Patel	Assistant Manager (Operations)	Surat Sitilink Ltd.
10	Mr. Chaital Prajapati	Assistant Manager (Operations)	
11	Mr. K S Vasava	Chief Executive Officer	Surat Urban Development Authority (SUDA)

12	Mr. S B Meena	Executive Engineer	
13	Mr. D S Patel	ACP Traffic	Traffic Police, Gujarat Police Department
14	Mr. Manish Bhagat	Assistant General Manager (Tech)	Tapi River Front Development Corp. Ltd.
15	Mr. D Siddi Ramulu	Team Leader (Transport Planner)	Assystem India Ltd. (Consultant for Revision of CMP for Surat)
16	Mr. Aman Randhawa	Urban/Transport Planner	
17	Mr. Pradeep Kapoor	Senior Advisor	AECOM (Consultant for Comprehensive Strategy and Logistics Plan for Surat)
18	Mr. Digvijay Singh	Technical Lead	
19	Mr. Sahil Mathur	Transport Planner	
20	Mr. Hardik Gandhi	Urban Designer	HCP Design, Planning & Mang. Pvt. Ltd.

COMMENTS/SUGGESTIONS FROM ATTENDEES

1	SMC suggested Assystem India Ltd. to take into consideration the 'Economic Plan for Surat Economic Region' (prepared for Surat and neighboring districts by Niti Aayog) while undergoing the CMP Study for Surat.

03 INUTES OF MEETING

Project	|	Revision of Comprehensive Mobility Plan (CMP) for Surat
Meeting Subject	|	Draft Comprehensive Mobility Plan (CMP)
Meeting Purpose	|	To present and discuss the various proposed mobility solutions across dimensions (i.e., Public Transport, Road Transport, NMT, Multi-Modal Integration, Freight Management and Mobility Management Measures), to various city and regional stakeholders. Objective of the meeting was to receive suggestions and recommendations from the various stakeholders on the proposed solutions.
Date and Time	|	July 21, 2025, 01:30 PM
Place	|	Room No.-88, Conference Room, Surat Municipal Corporation (SMC)-Headquarters, Gordhandas Chokhawala Marg, Muglisara, Surat - 395003

ATTENDEES

No	Name	Designation	Organization
1	Ms. Shalini Agarwal (IAS)	Municipal Commissioner	Surat Municipal Corporation (SMC)
2	Mr. D Gurav (IAS)	Deputy Mun. Commissioner	
3	Mr. R B Bhogayata	Deputy Mun. Commissioner	
4	Mr. J M Desai	Incharge City Engineer	
5	Mr. D C Bhagwagar	Additional City Engineer	
6	Mr. N Patel	Deputy Mun. Commissioner	
7	Mr. D B Mistry	Deputy Mun. Commissioner	
8	Mr. M. Gajjar	Deputy Mun. Commissioner	
9	Mr. M Doctor	Deputy Mun. Commissioner	
10	Mr. M D Chavda	Additional City Engineer	

11	Mr. K L Vasava	Executive Engineer	
12	Mr. M N Chaudhari	Executive Engineer	
13	Mr. J R Jivanramjivala	Executive Engineer	
14	Mr. A D Bhojawala	Deputy Engineer	
15	Mr. M Shirgar	Deputy Engineer	
16	Mr. Raj Suthar (IAS)	Chief Executive Authority	Surat Urban Development Authority (SUDA)
17	Mr. S K Yadav	Project Director	National Highway Authority of India (NHAI)
18	Mr. A Shukla	Deputy Chief Project Manager	National High Speed Rail Corporations Ltd. (NHSRCL)
19	Mr. S Singh	Assistant Executive Engineer	
20	Mr. P R Prasad	AMC and GM	Surat Sitilink Ltd.
21	Mr. Nilesh R Patel	Assistant Manager (Opts.)	
22	Mr. Mitul R Desai	Depot Manager	
23	Mr. Dhvani A Patel	Depot Manager	
24	Mr. T Mishra	Chief Executive Officer	Surat Integrated Transportation Development Corp. Ltd. (SITCO)
25	Mr. R Shah	Consultant	
26	Mr. P V Gurjan	Divisional Controller	Gujarat State Road Transport Corp. (GSRTC)
27	Mr. I J Patel	Dy. Superintendent of Police	Gujarat Police Department
28	Mr. C H Vasava	Head Constable	
29	Mr. Y M Gohil	Police Inspector	
30	Mr. K D Patel	Senior Town Planner	Town Planning Dept. Govt. of Gujarat
31	Mr. A K Sinha	SSE/W/ST	Indian Railways (Western Zone)
32	Mr. Haresh Patel	Deputy General Manager	Gujarat Metro Rail Corp. Ltd. (GMRCL)
33	Mr. Ved Mishra	Assistant Manager	
34	Mr. K J V Ramana Rao	MMI Expert	General Engg. Consultant, Surat Metro
35	Mr. V Z Patel	Executive Engineer	Gujarat Maritime Board (GMB)
36	Mr. Hardik Gandhi	Senior Urban Designer	HCP Design, Planning & Mang. Pvt. Ltd.
37	Dr. G J Joshi	Professor	SVNIT, Surat
38	Mr. D Siddi Ramulu	Team Leader	Assystem India Ltd. (Consultant for Revision of CMP for Surat)
39	Mr. Aman Randhawa	Urban and Transport Planner	
40	Mr. Amiraj M Vaishnav	Traffic and Transport Planner	

INTRODUCTION TO DRAFT CMP REPORT

Mr. D C Bhagwagar, Additional City Engineer (SMC), welcomed all the stakeholders and provided a brief introduction to the presentation on the Draft CMP for Surat. The objectives and outcomes for conducting the CMP Study as well as the Stakeholder Consultation, were highlighted to all the stakeholders.

COMMENTS/SUGGESTIONS FROM ATTENDEES

1 A stakeholder consultation meeting for the revision of the Comprehensive Mobility Plan (CMP) witnessed active participation from representatives of relevant departments, agencies, and institutions, who provided valuable insights and constructive feedback on the proposed strategies and

	interventions. The deliberations held during the meeting aimed at strengthening the overall effectiveness and feasibility of the CMP. All recommendations and suggestions provided during the meeting and at subsequent stage, if found technically and contextually viable, will be duly considered and incorporated into the Final Report.
2	The Draft CMP has received in-principle approval from Surat Municipal Corporation, with a recommendation to incorporate stakeholder suggestions, subject to feasibility, before submission of the Final CMP. The updated final report, once prepared, will serve as a guiding document for the future planning and phased implementation of mobility-related initiatives in the city.

VOTE OF THANKS
Following the completion of the Draft CMP presentation and discussion with various stakeholders, Commissioner Ma'am (SMC) took the opportunity to express gratitude to all stakeholders for attending and providing valuable suggestions on the Draft CMP presentation. The presentation concluded around 4 pm.



ASSYSTEM INDIA LTD.

formerly known as L&T Infrastructure Engineering Limited-LNTIEL

Corporate Office | RMZ One Paramount, Campus-10 ,

5th floor , Unit No 502, 110 Mount Poonamallee Road, Porur, Chennai: 600116