

जेल विभाग  
मंत्रालय, वल्लभ भवन, भोपाल  
भोपाल, दिनांक 10 अगस्त 2018

क्र. एफ-03-02-2018-तीन-जेल.—कारागार अधिनियम, 1894 (1894 का 9) की धारा 3 के खण्ड (1) तथा मध्यप्रदेश प्रिजन्स रूल्स, 1968 के नियम 3 द्वारा प्रदत्त शक्तियों को प्रयोग में लाते हुए राज्य सरकार, एतद्वारा, खुली कॉलोनी इन्डौर, सागर तथा जबलपुर को इस आदेश के जारी होने की तारीख से खुली जेल, इन्डौर, सागर तथा जबलपुर के रूप में घोषित करती है।

मध्यप्रदेश के राज्यपाल के नाम से तथा आदेशानुसार,  
अजय नथानियल, अवर सचिव

## धार्मिक न्यास एवं धर्मस्व विभाग

मंत्रालय, वल्लभ भवन, भोपाल  
भोपाल. दिनांक 13 अगस्त 2018

इस विभाग की अधिसूचना क्रमांक एफ-3-3-2000-छै, दिनांक 29 जून 2000 द्वारा गठित मंदिर का कार्यकाल समाप्त हो जाने के कारण समिति को अधिक्रमित करते हुये, राज्य शासन, भोपल, सीहोर तथा रायसेन जिलों में स्थित मंदिरों की व्यवस्था एवं मरम्मत तथा निगरानी के लिए आदेश के मध्यप्रदेश राजपत्र में प्रकाशन के दिनांक से तत्काल प्रभाव से अधिकतम तीन (3) वर्ष के लिये निम्नानुसार मंदिर समिति गठित करता है अर्थात्:-

- आयुक्त, भोपाल संभाग भोपाल — अध्यक्ष
  - संयुक्त आयुक्त (विकास) — सचिव  
संभागीय आयुक्त कार्यालय,  
भोपाल तथा कोषाध्यक्ष.

अशासकीय सदस्य



राजस्व विभाग

मंत्रालय, वल्लभ भवन, भोपाल  
भोपाल दिनांक 16 अगस्त 2018

एफ-2-9-2018-सात-शा-6.—मध्यप्रदेश भू-राजस्व संहिता, (संशोधन) अधिनियम, 2018 (क्रमांक 23 सन् 2018) की धारा 1 की उपधारा (2) द्वारा प्रदत्त शक्तियों को प्रयोग में लाते हुए, राज्य सरकार, एतद्वारा, 25 सितम्बर, 2018 को, उस तारीख के रूप में नियत करती है, जिसको कि उक्त अधिनियम प्रवत्त होगा।

मध्यप्रदेश के राज्यपाल के नाम से तथा आदेशानुसार,  
हरि रंजन राव, प्रमुख सचिव.

# Transit Oriented Development Policy

2018



Madhya Pradesh

Prepared by -

Department of Urban Development and Housing,  
Government of Madhya Pradesh



Government of Madhya  
Pradesh

# **Transit Oriented Development Policy 2018**



**Department of Urban Development and  
Housing,  
Government of Madhya Pradesh**

**With Technical Support from  
Mehta and Associates Indore**

## Table of Contents

<b>TABLE OF CONTENTS .....</b>	<b>3</b>
<b>1 BACKGROUND .....</b>	<b>4</b>
<b>2 NEED OF THE POLICY .....</b>	<b>4</b>
<b>3 PURPOSE &amp; APPLICATION/APPLICABILITY OF THE POLICY .....</b>	<b>5</b>
<b>4 TRANSIT ORIENTED DEVELOPMENT.....</b>	<b>6</b>
<b>4.1 Vision .....</b>	<b>6</b>
<b>4.2 Objectives.....</b>	<b>6</b>
<b>4.3 Benefits.....</b>	<b>7</b>
<b>5 TRANSIT ORIENTED DEVELOPMENT (TOD) AREAS AND TRANSITION AREA ....</b>	<b>9</b>
<b>5.1 Definitions .....</b>	<b>9</b>
<b>5.2 Demarcation of TOD Areas/Transition Areas.....</b>	<b>10</b>
<b>6 APPROACH TO REALIZE THE POLICY OBJECTIVE .....</b>	<b>10</b>
<b>6.1 Transit-supportive Uses .....</b>	<b>10</b>
<b>6.2 Densification and Mixed Income Development around Transit Stations/Corridors .....</b>	<b>11</b>
<b>6.3 Ensure connectivity and Manage Vehicular Traffic &amp; Parking .....</b>	<b>12</b>
<b>6.4 Pedestrian and NMV-Oriented Design.....</b>	<b>14</b>
<b>6.5 Make each Transit Station/Corridor Area a “Place” .....</b>	<b>16</b>
<b>6.6 Plan in Context with Local Communities.....</b>	<b>17</b>
<b>7 KEY ACTION AREAS .....</b>	<b>17</b>
<b>7.1 Land .....</b>	<b>17</b>
<b>7.2 Finance.....</b>	<b>18</b>
<b>7.3 Infrastructure .....</b>	<b>18</b>
<b>8 ROLE &amp; RESPONSIBILITIES OF VARIOUS AGENCIES .....</b>	<b>18</b>

## 1 Background

Madhya Pradesh has a population of 72.6 Million (2011 Census) and is spread on 308,252 sq km area. Though the economy of the state is largely agrarian, which employs 77% of the total work force and contributes 40% to the state domestic product. Like other states, Madhya Pradesh is also rapidly urbanizing. Madhya Pradesh has registered 27.63% of urbanization level in 2011 and has 476 towns. Out of which 4 cities (namely Indore, Bhopal, Jabalpur and Gwalior) have million plus population and 28 other cities have population more than 1 Lakh.

Cities and towns have a notable role in India's socio-economic transformation and change. Apart from their contribution to the country's gross domestic product (GDP), which is currently placed at about 60-65 %, and their growing role in the global markets, cities in India are the center-point of innovations and hub of many activities. At the same time, most cities and towns in India are severely stressed in terms of infrastructure and service availability.

Cities in Madhya Pradesh are witnessing rapid growth not only in terms of population but also in their spread leading to low density urban sprawls. The urban sprawl is leading to stress on limited urban infrastructure and urban local bodies are often trying to catch up with providing extended urban services to the ever expanding urban sprawl. This has also drained their financial capacity in providing access to urban services to the highly populated, sparsely distributed and largely spread cities.

Further with increase in urban spread the travel lengths and time are also increasing which is leading to use of un-sustainable means of transport. This together with the increased number of trips have made sustainable modes of transport such as public transport unviable and often falling short to meet the huge travel demands.

Government of Madhya Pradesh intends to promote smart growth in the urban areas to deal with the problems related to urban development and transport faced by cities by way of developing these cities on Transit Oriented Development principles.

The Transit-Oriented Development (TOD) concept is a growth strategy to assist the cities in implementing the guiding principles of the land use element. In the TOD strategy, new moderate and high density housing as well as new public uses and a majority of neighborhood-serving retail and commercial uses will be concentrated in mixed-use developments located at strategic points along the transit system.

## 2 Need of the Policy

Land use planning creates livable environment for balancing the human needs such as housing, working, social interaction, leisure and mobility of persons and goods. Land use planning is important for balancing of competing demands (of human needs) on limited urban space. While transportation is one of the human needs for mobility of persons and goods, often mobility has been considered to be limited to movement and also seen in isolation from other human needs. Mobility is not just movement but other dimensions attached to the mobility are flexibility and accessibility. Flexibility in the mobility is attributed to the lesser travel distances and accessibility in the mobility is attributed to the access to various human needs (Land uses).

The linkage between land use and transit results in an efficient pattern of development that supports a transit system and makes significant progress in reducing traffic congestion and urban sprawl. TOD policies may perform crucial role in improving the work to home relation as well as improving the efficiency and sustainability of public transport.

Madhya Pradesh has been pioneer in operation of public transport system through private bus operators, where Govt. owned special purpose vehicle plays as facilitator in Public Transport operations. Starting from Indore, 19 other cities in the state have

established the special purpose vehicle, out of which some have started and others are in process of starting the Public Transport operation. To further capitalize on Public Transport initiative TOD policies are needed to be implemented to increase ridership of the Public Transport system and making it a feasible mode of transport. Govt. of India has formulated National Transit Oriented Development (TOD) Policy and has desired states to formulate TOD Policies and ensure Transit Oriented Development.

A State level TOD Policy is required as cities of Madhya Pradesh are losing its grace and beauty under the growing pressure of urbanization and increasing traffic and transportation related problems. Thus there is an urgent need to address the issue of urban transport by way of

- Effecting shift to new urban planning and development philosophy of land use and transport integration.
- Making cities livable by improving access of citizens to the enhanced public transport facilities.
- Financing extension of urban infrastructure and public transport projects through land development.

Thus Transit Oriented Development Policy will be a guiding tool for Unified Metropolitan Transport Authorities (UMTA), Mass transit agencies, urban local bodies, government para-statal agencies, enforcement agencies and public for promoting Transit Oriented Development.

### **3 Purpose & Application/Applicability of the Policy**

This Policy applies to whole of urban areas in Madhya Pradesh as a guiding tool for preparation/revision of development plans (DPs) under Nagar thattha Gram Nivesh Adhiniyam, formulation/amendments of Bhumi Vikas Niyam and other allied rules, formulation of development control norms and regulations and regulating urban development in Madhya Pradesh. This Policy shall be specifically meant for promotion and control of development around Transit Stations and along Transit Corridors in all the cities in Madhya Pradesh.

The TOD Policy will assist

- Government Departments, Directorate of Town & Country Planning and Directorate of Urban Administration and Development for making relevant amendments in Acts, Rules & Regulations for urban development in Madhya Pradesh.
- Directorate of Town & Country Planning, Municipal Corporations/Municipalities /Municipal Councils and Mass Transit Agency in preparation and revision of DPs, Zonal Plans and TOD Area Zonal Plans for urban development in Madhya Pradesh.
- Directorate of Town & Country Planning, Municipal Corporations/Municipalities /Municipal Councils and Mass Transit Agency in issuing planning/development permissions and building permission in response to applications for development of land and construction of buildings within the vicinity of a Transit Stations and Corridors.
- Development Authorities/Mass Transit Agency/Housing and Infrastructure Development Board/Audyogik Kendra Vikas Nigam and other para-statal agencies in formulation of TOD Layout Plans/Town Development Schemes/Affordable Housing Schemes/Industrial Development Schemes within the vicinity of a Transit Stations and Corridors.
- Developers and Land owners in formulating their applications for development of land and construction of buildings within the vicinity of a Transit Stations and Corridors.

- Registered Architects, Urban Planners and Engineers in providing consultancy to Developers and Land owners in formulating their applications for development of land and construction of buildings within the vicinity of a Transit Stations and Corridors.

This TOD Policy is intended for Transit Oriented Development of TOD Area (Transit Station and Corridor Area) and Transition Area planning modalities, both in respect of new Transit Stations and Corridors as well as redevelopment plans that may be prepared for existing Stations, Corridors and neighboring communities. Such TOD Area (Transit Station and Corridor Area) and Transition Area shall be identified in the Development Plans (DPs) and demarcated in the Zonal Plans/TOD Area Zonal Plans.

Where DPs, Zonal Plans and Urban Development regulations are in place, this document will provide basis for the revision/amendments of these existing Statutory Plans and documents. And all future DPs, Zonal Plans and urban development regulations and other documents shall be formulated on the basis of this document.

## **4 Transit Oriented Development**

Transit Oriented Development (TOD) is defined as compact, pedestrian and NMV friendly development of transit supportive uses having moderate to high density residential, offices and retail uses within walkable distance from public transport. TOD is mixed-use, mixed-income residential and/or commercial area designed to maximize access to public transport, and incorporates features to encourage transit ridership such as pedestrian and NMV oriented design, multi-modal integration and connectivity. TOD is widely considered as one of the most sustainable form of development and is being practiced in many part of the world. It reduces the dominance of private motorized vehicle usage and promotes development which is more conducive to transit usage. TOD encourages residents, workers and shoppers to use Mass Transit and reduces their dependency on private motorized vehicles by compact, mixed-use and pedestrian friendly development around Transit Station and along Transit Corridor.

### **4.1 Vision**

- Smart and livable growth in urban areas by making public transport a preferred mode of transport through high density, mixed-use development. To ensure pedestrian safety, comfort and convenience.

### **4.2 Objectives**

Transit Oriented Development Policy has been developed on following key Policy Objectives that apply to Transit Station and Corridor Areas:

#### **1. Ensure Transit supportive uses**

Ensuring land uses around Transit Stations and Corridors such that they support ridership by generating high levels of transit use and provide a mixed-use activity node for the local community and city-wide transportation network benefits. This provides the local community with increased services, employment, and housing options within their community area.

#### **2. Densification and Mixed income development around Transit Stations and Corridors**

Densification will promote; high frequency rapid transit service and also provide a base for a variety of housing, employment, local services and amenities that support a vibrant Station and Corridor area community.

Mixed income development will include; diverse types of housing units for people with various income levels. It should also include a range of affordable housing options for lower income residents and incorporate diverse commercial developments complementing various income levels.

**3. Ensure connectivity and manage vehicular traffic and parking**

Ensure connectivity through comprehensive transportation network planning in the city with special focus on Mass Transit Corridors. Accommodate transit services and private motorized vehicle circulation and parking needs, while creating a comfortable pedestrian environment with proper integration of various mode transfer options.

**4. Create Pedestrian and NMV-oriented design**

Create convenient, comfortable, pedestrian and Non Motorized Vehicles (NMV) linkages to and from all Transit Stations/Corridors in order to support a walk-able Transit Station/Corridor Area and promote the use of transit.

**5. Make each Transit Station/Corridor Area "a Place"**

Each Transit Station/Corridor Area shall be developed as a unique environment, transforming a functional transit node into a community gateway and a vibrant mixed-use hub of activities. Create safe, usable shared public spaces through design and make existing parks accessible.

**6. Plan in context with local communities**

Through consultation with local communities, TOD shall provide a wide range of supporting benefits for local communities, including increased uses and services, a variety of housing, increased transportation options, increased community amenities and a more walk-able environment.

**7. Promote use of Public Transport and reduction in Private vehicles**

Promoting the use of public transport by developing high density zones in the TOD Area and Transition Area as applicable, which would increase the share of transit and walk trips made by the residents/ workers to meet the daily needs and also result in reduction in private vehicle ownership, traffic and associated parking demand, pollution and congestion in the TOD Area and Transition Area as applicable.

**8. Densification of Road Network**

Establish a dense road network within the development area for safe and easy movement and connectivity of NMV and pedestrians between various uses as well as to transit stations.

**9. Developing safe society**

Ensure development of safe society with special attention to safety of women, children, senior citizen and differently abled by making necessary amendments to the building bye laws such as abolishing provisions of boundary walls, provisions of active frontage on the road, public use of marginal open space in the form of walkable streets etc.

**10. Controlling urban sprawl**

Prevent urban sprawl by accommodating the growing population in a compact area with access to the transit corridor, which would also consolidate investments and bring down the infrastructure cost for development

**11. Eco friendly and livable city**

Reduce carbon footprints by shifting towards environment friendly travel options for the line haul as well as for access and egress trips and by provisions of open spaces, play grounds and green belts.

**4.3 Benefits****TOD shall provide the following benefits to Cities:**

- i. **Mobility Options for all** - Change the paradigm of mobility by enabling a shift from use of private vehicles towards the use of public transport and alternative modes.

- ii. **Better Quality of Life for All** - Provide a variety of high-density, mixed-use, mixed-income housing, employment and recreation options within walking/cycling distance of each other and Mass Transit Station – in order to induce a lifestyle change towards healthier living and better quality of life. Integrate communities rather than segregating them and reduce social stigma and dissent.
- iii. **Housing For All** - Increase the supply of housing stock for all kind of Income group including range of affordable housing and commercial space in the city which would bring down prices and make living and working in cities more affordable.
- iv. **Market Participates in Better City** - Open up development opportunity to the private sector to bring in investment into the city's growth and revenue and also help cross-subsidize social amenities, affordable housing and public transport, using a variety of possible development models. Low-income groups can be provided space and shared amenities in integrated mixed-income communities, thereby reducing further proliferation of gentrified slums and unauthorized colonies.
- v. **Self-Sufficiency** - Creating high densities would make decentralized infrastructure provision and management techniques more feasible, thus making it more economical to recycle water/sewage locally to meet community needs.
- vi. **Cheaper Public Transport** - Provide a significant source of non-fare box revenue for a public transport fund, which may help reduce ticket prices and increase provision of public transport facilities.
- vii. **Reduce Environmental Degradation** - Set a clear vision for the growth and redevelopment of the city in a compact manner, by minimizing sprawl (low density spread out development). Help save environmentally sensitive lands and virgin lands through high-density compact development.
- viii. **Save Public Money** - Provide savings in public money through reduction of investments in physical infrastructure like additional road expansion, piping/cabling costs, time-cost of traffic congestion and other large costs associated with low-density sprawl.
- ix. **Multi-disciplinary Integrated Approach** - Provide a shift to a more holistic paradigm of planning where all sectors – mobility, planning policy, urban design, infrastructure and economics work together in unified manner – to deliver integrated development.

#### **Benefits to Transit Agencies:**

- x. Increased ridership due to larger population living/working within walking distance.
- xi. Value Capture of increased land values for long term cross-subsidy & maintenance of public transportation.

#### **Benefits to Land, Road & Service Owning Agencies:**

- xii. Potentially increased revenue from land due to increased development with lesser public money investment.
- xiii. City level reduced infrastructure costs (reduced length of roads, pipes, cables, tunnels, etc.) due to accommodating the overall planned population within lesser net land area, in a more sustainable way.
- xiv. Increased feasibility for sustainable decentralized physical infrastructure.
- xv. Increased and more efficient use of shared social infrastructure facilities.

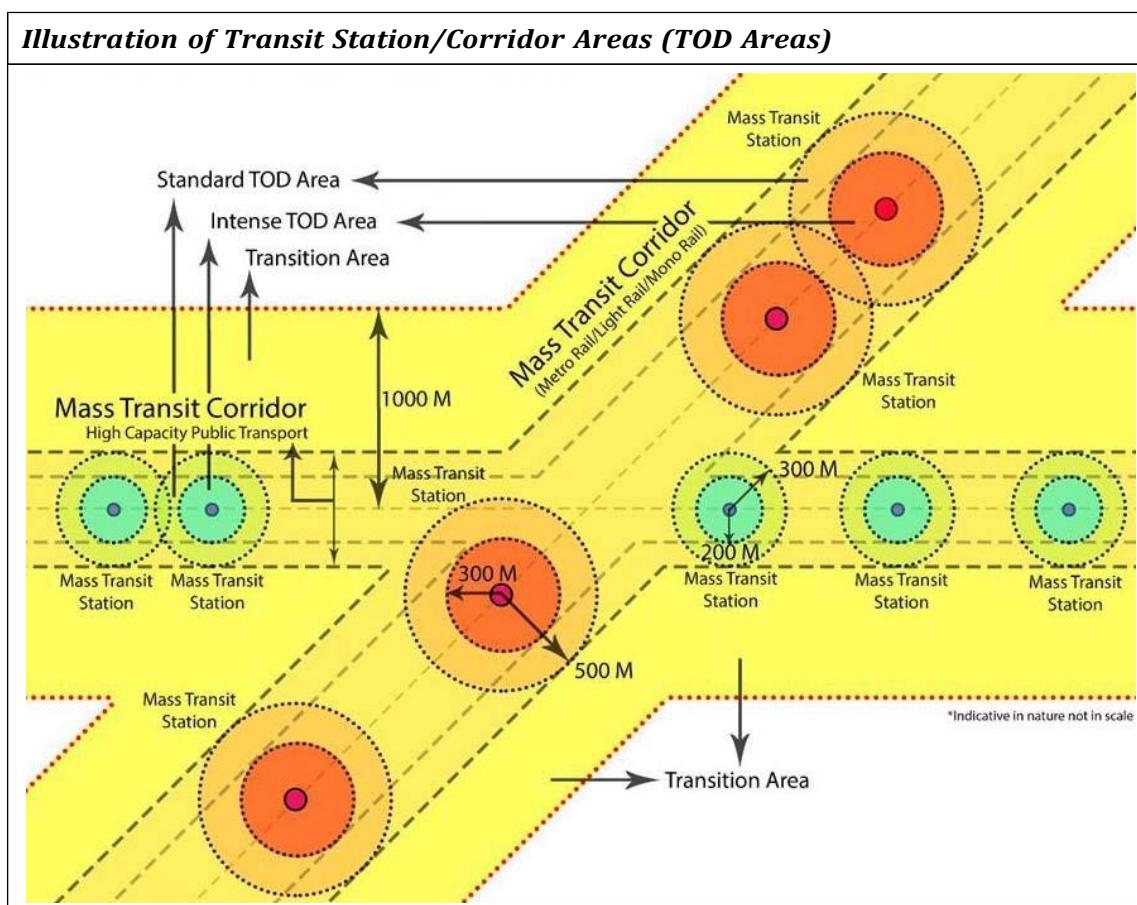
## 5 Transit Oriented Development (TOD) Areas and Transition Area

### 5.1 Definitions

#### 5.1.1 TOD Area

**Mass Transit Station:** - All the existing and proposed Mass Transit Stations in the Mass Rapid Transit System (MRTS) Corridor/Network which has been approved by competent authority for development and operations. (referred to as "Transit Station")

**Mass Transit Corridor:** - All the existing and proposed public transport routes like Metro Rail/Light Rail/Mono Rail Corridor/Network and Bus Rapid Transit (BRT) or High capacity Public Transport\* Corridor/Routes/Network, which has been approved by competent authority for development and operations. (referred to as "Transit Corridor")



**TOD Area (Transit Station/Corridor Area):** - Area within the 500m wide belt (5-10 Minute Walk) on both sides of centre line of Metro Rail/Light Rail/Mono Rail, Mass Transit Corridor and Area within a 300m wide belt on both sides of centre line of High capacity Public Transport\*, Mass Transit Corridor or centre line of it's Right of Way (ROW). Such width of the belt on both sides from the centre line of Metro Rail/Light Rail/Mono Rail, High capacity Public Transport and Mass Transit Corridor may be increased or decreased by GoMP.

**Note:** \*To be able to consider High capacity Public Transport Corridor/Route/Network as Mass Transit Corridor in the purview of TOD Areas such High capacity Public Transport Corridor/Route/Network shall be designed with a carrying capacity of more than 5000 passengers per hour per direction.

### **5.1.2 Transition Area**

**Transition Area :** - Area within the 1000 meter wide belt on both sides of centre line of Metro Rail/Light Rail/Mono Rail Corridor/Network and Bus Rapid Transit (BRT) or High capacity Public Transport\* Corridor/Routes/Network which has been approved by the competent authority for future transportation/TOD based planning. Such Transition Area may be increased or decreased by GoMP based on the requirements of projects.

### **5.2 Demarcation of TOD Areas/Transition Areas**

The demarcation of TOD/Transition Areas and zones pertaining to these areas will be done in the TOD Area Zonal Plans under the provisions of the DPs prepared for any specific Transit Station/Corridor Area (TOD Area). Such TOD Area Zonal Plans shall be prepared by Mass Transit Agency. Madhya Pradesh Metro Rail Co Limited (MPMRCL)/Mass Transit Agency may seek support of Municipal Corporation/Councils and technical support from urban planning and development experts in the preparation of TOD Area Zonal Plans, Layout/TD scheme and identification and implementation of projects.

The actual demarcation of the TOD/Transition Areas and zones pertaining to these areas may be done on area within/beyond the TOD/Transition Areas defined in the **Clause 5.1**, where the land outside the specified distance share specific Transit Station/Corridor Area characteristics and is not physically separated from the Transit Station/Corridor Area or may have direct pedestrian connectivity in the designated time as per **Clause 5.1**, and could accommodate transit-supportive land uses or as per requirement and sustainability of TOD, Zonal Plan and planned development in the city. Similarly such actual demarcation of TOD Areas may exclude existing stable residential communities or other use zones around Transit Stations/Corridors, which don't share specific Transit Station/Corridor Area characteristics and are separated by physical barriers that prevent pedestrian access to a Transit Station/Corridor in the designated time as per **Clause 5.1**.

## **6 Approach to Realize the Policy Objective**

One of the purposes of this document is to set out strategies to realize policy objectives for Transit Oriented Development.

These Strategies reflect the GoMP's strategic policy, with specific reference to development around Transit Stations and Corridors.

### **6.1 Transit-supportive Uses**

#### **1. Transit- supportive uses**

Transit-supportive land/building uses encourage transit use and increased transportation network efficiency. The pattern of land/building use around transit stations and corridors shall be characterized by:

- Higher Employment Densities and/or Residential Densities
- Promoting Travel Time other than Peak Periods
- Attracting reverse-flow travel on Roads and Transit Stations
- Encouraging extended hours of Activity, throughout the day and week
- Attracting Pedestrian Users and Generates Pedestrian Traffic

#### **2. Mix of Uses**

A TOD Area shall allow for a mix of residential, commercial, employment, public semi-public, supporting retail, entertainment and service uses. The mix of uses shall be vertically and/or horizontally; that is, the mix of uses shall be found within a particular building, or incorporated in multiple buildings throughout the TOD Area. This provides

a variety of uses within a compact, walk-able TOD Area and creates a synergy between the varying types of development.

### **3. Limit non-transit supportive uses**

As the focus of TOD is on the transit rider and pedestrians, it is important that private motorized vehicle oriented development does not overwhelm the TOD Area. Non-transit supportive land/building uses are those which are oriented primarily to the private motorized vehicles and not the pedestrian or transit user. These types of uses

- generate high levels of private motorized vehicle activity
- Creates area oriented towards private motorized vehicle use
- consume a large amount of land through low-density urban form
- require extensive surface parking areas
- Create negative impacts for pedestrians such as isolation from building frontages, long and tedious walks, and numerous vehicle crossings on footpaths, and/or typically does not attract extended hours of activity.

Non-transit supportive uses shall not be located in the immediate vicinity of Transit Stations/Corridors, where there is high pedestrian activity and bus traffic. These uses shall be considered to be located outside the TOD Area or towards the edge of a TOD area where higher intensity uses may not be feasible, or shall be considered as part of a larger comprehensive transit-supportive development.

## **6.2 Densification and Mixed Income Development around Transit Stations/Corridors**

### **1. Densification**

#### **a. Optimize Density around Each Transit Stations/Corridors**

- Density shall be increased in and around Transit Stations/Corridors, considering the surrounding context and particular Transit Station/Corridor type. High density shall be placed in locations with the best access to transit and the local public systems.
- Locate the highest density uses and building forms (e.g. apartments, office towers etc.) as close as possible to the Transit Stations/Corridors.

#### **b. Minimize the Impacts of Density**

- The highest densities in a TOD Area shall occur on sites immediately adjacent to the Transit Station/Corridor. In addition, minimum density norms may be established on parcels adjacent to the Transit Stations/Corridors to ensure that the desired intensity of development is achieved.
- Create transition between higher and lower intensity development by stepping down building heights and densities with distance from the Transit Stations/Corridors.
- Use transit facilities, public spaces and roadways as organizing elements for placement of density, height and shadow.
- Create proper edge treatments such as compatible building scale, parking location, and landscaping between new developments and existing communities to ensure integration and minimize impacts of development.

### **2. Mixed income development**

Mixed income development shall include diverse types of housing units for people with various income levels. It shall also include a range of affordable housing options for lower income residents. It will also incorporate diverse commercial developments complementing various income levels. The mixed income developments have a positive impact on the density of the development due to -

- Lower income and economically weaker section housing have smaller dwelling units sizes.
- Informal sector and other such commercial establishments have high employment density. Mixed income development will be inclusive and high density development which will have positive impact on ridership along the Transit Corridors.

### **6.3 Ensure connectivity and Manage Vehicular Traffic & Parking**

Comprehensive transportation network planning shall be done in the DPs and Zonal Plans to ensure connectivity in urban areas. TOD area proposals shall accommodate transit services, private motorized vehicle circulation and parking needs, while creating a comfortable pedestrian environment.

#### **1. Connectivity**

The transportation proposals under the DPs and Zonal Plans shall be prepared/revised as below: -

- Create dense networks of streets and paths for all modes of transport.
- Disperse high traffic volumes over multiple parallel streets rather than concentrating traffic on fewer major arterial roads.
- Create fine networks of streets that provide choice of routes, for all modes of transport, while reducing distances between places.

The development proposals/Layout Plan/TD Scheme etc. in the TOD Area shall provide shortest direct route for pedestrians and NMV modes up to Transit Stations/Corridors as well as between individual buildings/complexes.

#### **2. Multi-modal integration**

Public transport operations planning shall be carried out to ensure multi-modal integration. Some of the key considerations in such planning are: -

- Provide fast and convenient interchange options for various modes of transport with a priority to public transport including intermediate public transport, pedestrians and NMV.
- Mass transportation options such as Metro/Light/Mono Rail, BRT, High capacity Public Transport services and other modes of Public Transport shall be integrated with each other as well as with pedestrian and NMV networks, so that time spent in mode transfers is reduced.
- Multi-modal integration shall minimize travel time and cost for majority of commuters along with provision of safe, affordable and multiple transit mode options in developed areas as well as along growth corridors. Such mode choices for last-mile connectivity shall be provided based on various prices and comfort levels.
- Major transit interchanges shall be planned as Multi-modal Transit Hubs integrating various modes of transport, while providing seamless interchange between all modes.
- Multi-modal integration shall not be just the physical integration but also involve other integration elements relevant to public transport such as fare, communication, passenger information etc.

The development proposals/Layout Plan/TD Scheme etc. in the TOD Area shall: -

- Prioritize pedestrians, public transport, NMV modes over private motorized modes in design, management and planning of public spaces.
- Integrated public systems are essentially to ensure a fully integrated TOD area. Elements of the public systems shall include primary and secondary pedestrian

routes, bicycle routes, road ROWs, pedestrian/cycle overpasses and underpasses, public open spaces, public toilets, transit stations and bus stops.

### **3. Parking**

#### **a. Reduced parking requirements**

TOD, through the transit-supportive uses, increased density and pedestrian oriented designs provides sustainable mobility options, increasing transit ridership and reducing private motorized vehicle trips. As TOD has potential for decreased vehicle ownership, so reduction of parking requirements should be strongly considered in TOD Areas. Rationalization of parking norms shall be done for TOD Areas considering following Strategies.

- Appropriately limiting and differential pricing of private motorized vehicle parking to discourage private motorized vehicle use in the TOD Areas.
- Public parking supply (be it on-street or off street) as well as ECS requirements for private motorized vehicles shall be restricted in immediate vicinity of transit stations/corridors and such parking provision shall be based on location/distance from transit stations/corridors.
- Higher and Differential parking prices in TOD Area shall be considered as part of a parking management strategy. The prices shall vary as per following order:-

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>○ On-Street (within ROW)</li> <li>○ Off-Street at Grade</li> <li>○ Off-Street Multi Level</li> </ul> | <p>- Highest</p>  <p>- Lowest</p> |
|---|--|

Similarly the parking charges shall increase with proximity to the Transit Station/Corridor.

- Parking for transit buses, IPT modes and NMV shall be prioritized to be on-street and/or at-grade in the immediate vicinity of Transit Station/Corridor.
- Mandatory share of parking for NMV, transit buses, IPT modes and 2-wheelers shall be part of ECS requirements for any development in the TOD Areas.
- On-street parking shall be limited to be short term and highly priced in the TOD Areas.
- Off street public parking shall be discouraged in the immediate vicinity of the transit stations/corridors, it shall be restricted to the edge of the TOD Areas.
- Park and ride facilities for private motorized vehicles may only be provided in the transit station premises, whereas such facility for NMV may be provided on-street or off-street within the TOD Areas as well as within transit station premises.
- Park and ride facilities should be encouraged in the Terminal Stations and Multi-modal Transit Hubs.
- All the parking supplies (be it on-street, off-street or on-site) shall be shared parking spaces in the TOD Areas. Such supplies may be developed by the public agencies or private developers/land owners/traders associations etc.

#### **b. Parking placement and parking form complementing the pedestrian nature of the TOD area**

Parking spaces shall be designed appropriately in order to maintain pedestrian comfort in the TOD Area.

- Public off-street parking spaces and on-site parking spaces should be accessed from lowest hierarchy road abutting any development in the TOD Areas, without impacting existing communities or the pedestrian environment of the area. Direct and convenient pedestrian connections shall lead from these parking

areas to primary destinations such as the transit station, major office areas, high-density residential, etc.

- On-site, at grade parking in the TOD Area should be discouraged and if provided shall be located on the rear side of the building and shall not face main ROW. On-site, multi-level parking access ramps should not be provided directly on main ROW.
- All parking spaces shall be designed and located to minimize the number of vehicle crossings over primary pedestrian routes. At such crossings all driveways/vehicular entries shall be raised to finished footpath and cycle track level.
- All the surface parking shall be broken into smaller cells through landscaping and walkways and shall accommodate safe, direct pedestrian traffic through the provision of landscaped walkways to and from, as well as through the site.
- Use of public open spaces, parks, footpaths, cycle tracks and other spaces in the road ROW as parking (unless designated as on-street parking) shall be strictly prohibited in the TOD Areas.

#### **4. Encourage employer based transportation demand management (TDM)strategies**

Employer based TDM strategies may assist in reducing private motorized vehicle use, enhancing transit ridership as well as reducing the need for parking in the TOD Areas. Such strategies are

- Encouraging local shuttle service for employment centers or shopping centers to connect to Transit Stations and Major Interchanges.
- Facilitating community car-sharing and car-pooling by providing preferential parking spots for car-share/car-pool vehicles
- Promoting TDM initiatives such as flex-time hours, tele work, bike/walk to work programs, etc.
- Work with employers (such as government offices, private offices, business groups etc) to encourage transit ridership programs among employees by providing them with universal transit passes/subsidized fares valid on all mode of transit as part of remuneration package.

#### **6.4 Pedestrian and NMV-Oriented Design**

Pedestrian and Non Motorized Vehicle (NMV) friendly environment is most essential and fundamental requirements of TOD. To materialize high investments in the public transport system pedestrian and NMV access to the public transport shall be given high priority.

##### **1. Pedestrian & NMV connectivity**

- Direct connectivity for pedestrians and NMV up to the Transit Station/Corridor shall be ensured in every development proposals in the TOD Areas.
- TOD Areas, development proposals shall incorporate identification of primary and secondary pedestrian routes.
  - **Primary Pedestrian Routes** – These routes run directly between the Transit Station Platforms/Transit Corridor Bus Stops and major pedestrian destinations in the TOD Area. Primary routes would include wider sidewalks and Station/Corridor access foot over bridges/under passes, Skywalks etc.
  - **Secondary Pedestrian Routes** – These routes do not provide a direct link to the Transit Station/Corridor but feed into the primary routes.

These routes would include standard sidewalks and private accesses/links to/between individual buildings.

- The Pedestrian connectivity shall be ensured with all the elements of the public system mentioned in the **Clause 6.3 (2)** above, which will create pedestrian comfort within the TOD Area.

## **2. Pedestrian and NMV-oriented design**

Significant number of trips in our cities such as education, local shopping, leisure trips within neighbourhoods and local job centers are short trips, less than 3 Kms. Good walking and cycling environment encourages users to walk and use bicycles longer to have access to public transport and cater for short trips. Use of cycling and walking for such trips, reduces overall cost of travel and also reduces dependency on motorized transport.

- A convenient, comfortable and safe pedestrian or NMV route shall have the following qualities like short, continuous, barrier-free, easily navigable and designed for local climate.
- Primary pedestrian routes shall incorporate climate and weather protection elements. These elements can include covered waiting areas, building projections and colonnades, covered walkways or over passes/under passes up to Transit Station/Bus Stops, use of landscaping etc. These design elements will make waiting and getting to and from Transit Station/Bus Stops more comfortable.
- NMV routes and bicycle routes shall be located close to, but physically separated from a Transit Station/Corridor vehicle drop-off zones or bus stops to avoid potential conflicts with cyclists and transit passengers. This will allow for through traffic by cyclists and NMV route users, with local linkages connecting directly to the transit station, NMV parking and bicycle parking.
- TOD Area, development proposals shall provide adequate amenities for pedestrians, cyclist, NMT and public transport users
- Buildings shall be grouped together to allow for easy pedestrian access between buildings at grade or above at intermediate floor level and to frame the pedestrian spaces, for easily walkable routes.
- Buildings along these routes shall be oriented to the street and shall have minimal road side marginal open space (MOS), direct building entrances oriented and connected from the sidewalk. In case of arcade no road side MOS shall be provisioned.
- All the road and street infrastructure proposals and designs shall be mandatorily approved by MPMRCL/Mass Transit Agency under the provisions of DPs, even if the implementing agency is government agency.

## **3. Safety and Security**

- TOD Area, development proposals shall create street level activities, like hawking zones, ground floor retail etc. to encourage walkability, increase street level activity and provide safety.
- The ground floor of building in the TOD Areas shall contain uses that are appealing to pedestrians, such as retail, personal service, restaurants, outdoor cafes, and residences.
- All the developments in the TOD Areas shall discourage boundary walls to create eyes on the street.

## 6.5 Make each Transit Station/Corridor Area a “Place”

Each Transit Station/Corridor area shall be developed as a unique environment, transforming a utilitarian transit node into a community gateway and a vibrant mixed-use hub of activities.

### 1. Activities & Uses

#### a. Encourage “Round the Clock Activity”

- The development proposals in the TOD Area shall create a safe, vibrant, comfortable urban “place”, by encouraging round-the clock active streets and incidental places to relax.
- All streets, public open spaces, parks, parking and other elements of public system as per **Clause 6.3 (2)** above in the TOD Area shall be universally accessible with special focus on needs of differently-abled citizens.

#### b. Create “Eyes on the Street”

- The development proposals in the TOD Area shall create “eyes on the street” by removing boundary walls or compounds and building to the edge of the street ROW and by having uniform building line. This would discourage misbehavior, shady corners, urinating in public places, etc.
- Mixed use without boundary walls, built-to-edge buildings with minimum/no road side marginal open space (MOS) and non-opaque fences along with other informal on-street activities like hawker’s zone in the TOD Area, shall help provide natural surveillance of public spaces.
- Arcades and colonnades along such built-to-edge mixed use buildings should be encouraged

#### c. Creative Use of Public Open Space

- Public open space shall be developed to complement TOD Area development. This would emphasize the Station/Corridor as a public place, while providing a comfortable and interesting waiting/drop-off area, and giving the community a gathering place.
- The development proposals in the TOD Area shall create climate-sensitive streets and public open spaces through adequate street tree planting, building edge treatments to facilitate shading of public realm, orientation of open spaces, etc.

### 2. Emphasize Important Buildings

- Public or high profile buildings (i.e. stations, large commercial, prominent residential buildings) shall be visible landmarks within the TOD Area. These buildings shall have distinctive design features (facade, rooflines etc) that can be easily identified.

### 3. Design & Aesthetics

#### a. Street and Block Layout

- While designing the TOD Area development proposals, new streets and walkways shall be incorporated into the existing local road pattern.
- All the streets in the TOD Areas shall have sidewalks on both sides of the road that can accommodate high-volume pedestrian activity and their layout shall be oriented towards the Transit Station/Corridor.
- Wherever possible, street and building configuration shall be designed to create vistas, or to terminate views with a landmark feature, building, or public space.

### **b. Building Design Details**

Buildings in the TOD Area shall be designed to ensure that pedestrian comfort is of prime importance.

- Doorways and windows shall be oriented towards the street in order provide ease of entrance, visual interest and increased security through informal viewing.
- Variety of architectural features shall be used on the lower storey of a building in TOD Areas in order to provide visual interest to the pedestrian.
- Buildings higher than 4-5 storey shall step back higher floors in order to maintain a human scale along the sidewalk and reduce shadow impacts on the public street.

## **6.6 Plan in Context with Local Communities**

### **1. Community participation**

Local communities can provide valuable local knowledge on services and amenities needed by the community, housing forms, key pedestrian destinations, current pedestrian habits, parking management etc.

- It is essential to consult with local communities early in the planning process (be it DPs, Zonal Plans or Public Agency/Private Developer initiated TOD Layouts Planning) to ensure a common understanding of important community issues related to a particular site or area.
- Local land owners and communities should participate in TOD Area plan planning process.

### **2. Needs of the community**

- New development in TOD Areas should provide services and amenities needed by local communities. These could include new housing forms to support community demographics, employment options, convenience retail and personal services, public gathering spaces, etc
- Any development in the TOD Area shall complement the existing development and help to enhance the local character while creating a walkable and vibrant TOD Area.

## **7 Key Action Areas**

### **7.1 Land**

The Planning, Development and Regulatory Agencies shall devise efficient land acquisition models such land sharing, land pooling, land amalgamation, plot reconstitution and other alternatives for provision of housing, employment and other urban services in TOD Areas.

The Planning, Development and Regulatory Agencies shall earmark a certain portion of land at affordable rates for housing for EWS/LIG based on the TOD Rules and Regulations.

Considering land as a scarce resource there is need for regulating use of urban land in TOD Areas up to optimum levels; penalizing under utilization and incentivizing optimum utilization within a specific time period.

The TOD Areas shall be notified as TDR Receiving Areas and Influence Areas in the purview of TDR Rules and Regulations. Separate TDR regulations shall be formulated by competent authorities and TDR policy should have relevant provisions

## 7.2 Finance

The TOD Layouts on government land shall be prepared so as to mobilize finances for strengthening/extension of transit services and capital expenses thereof by way of using land as a resource. The financial model for such projects shall ensure delivery mechanism for public infrastructure, public transport facilities as well as affordable housing in such projects.

The TOD areas shall encourage unlocking land value and attract private investments in infrastructure development and service delivery through land value capture finance mechanisms including but not limited to FAR benefits, land value tax, fees for changing land use, Betterment levy, Development charges (Impact fees), Transfer of Development Rights (TDRs), Vacant Land Tax, Tax Increment Financing, Land Acquisition and Development , Land Pooling System or any other possible benefit that the regulatory authorities can give.

Income generated through aforesaid financing mechanism shall be accrued to the Dedicated Urban Transport Fund (DUTF). These revenue streams shall be identified based on the benefits enjoyed by a piece of land lying within the TOD Area.

## 7.3 Infrastructure

The urban service delivery agencies such as Municipal Corporation/Municipalities/ Municipal Council or Mass Transit Agency etc. shall ensure:-

- Strengthening of trunk infrastructure in brown field TOD Areas so as to effect desired mixed use and density levels.
- Integrated infrastructure and services system Plans for green field TOD Areas indicating space requirements for all urban services based on desired mixed use and density levels.
- The infrastructure provisions in the TOD Area development proposals shall as far as possible ensure decentralized infrastructure, so that impact on existing Trunk Infrastructure is minimized as well as long term sustainability and resource efficiency is achieved.

Such strengthening of trunk infrastructure proposals and integrated infrastructure and services system plans shall be prepared and implemented based on the DP proposals and TOD Area Zonal Plans.

- The TOD Rules and Regulations shall ensure
- Sustainable water, energy, waste water, storm water and solid waste management and communication systems in the development proposal in/along Transit Station/Corridor areas.
- Rain water harvesting, to be integrated with the landscape and public open space strategy.

# 8 Role & Responsibilities of various Agencies

## 1. Department of Urban Development and Housing

- Formulation of TOD Policy
- Amendments in Madhya Pradesh Nagar Tatha Gram Nivesh Adhiniyam 1973 and rules there under.
- Amendments in Madhya Pradesh Bhumi Vikas Niyam 2012.
- Prepare/revise various Development Plans incorporating separate chapter for TOD, enabling provisions and amendments for implementation of TOD, zoning regulations, development controls and subdivision/amalgamation regulations for various uses/activities, building bylaws for various uses/activities and design guidelines for TOD Areas.

**2. Directorate of Town and Country Planning**

- Amendments in various sections of Madhya Pradesh Nagar Tatha Gram Nivesh Adhiniyam 1973 and Development Plans/Rules there under, in consultation with MPMRCL /Mass Transit Agency.
- Prepare/revise various Development Plans incorporating separate chapter for TOD, enabling provisions and amendments for implementation of TOD, Transit Oriented Development zoning regulations, development controls and subdivision regulations for various uses/activities, building bylaws for various uses/activities and design guidelines for TOD Areas in coordination with MPMRCL/Mass Transit Agency.
- Promote, Control and Regulate the Developments in the TOD Areas in coordination with MPMRCL/Mass Transit Agency.

**3. Development Authorities, Housing and Infrastructure Development Board, MPMRCL, Mass Transit Agency and other Para-statal Agencies**

- Preparation and implementation of TOD Area Zonal Plans, TOD Layout Plan/TD Schemes/TP Schemes/Redevelopment Schemes etc. in TOD Areas in sole capacity or in partnership with land owners/developers as applicable.
- Preparation and implementation of proposals for strengthening of trunk infrastructure and integrated infrastructure and services systems plan for infrastructure components in TOD Areas based on the TOD Area Zonal Plan as per their respective jurisdiction

**4. Municipal Corporation/Municipality/Municipal Council**

- Preparation/revision of Zonal Plan by incorporating TOD Areas and subsequent zoning regulations.
- Preparation and Implementation of TOD Area Zonal Plans for TOD Areas through Mass Transit Agency.
- Promote, Control and Regulate the building construction activities in the TOD Areas.
- Preparation and implementation of proposals for strengthening of trunk infrastructure and integrated infrastructure and services systems plan for infrastructure components in TOD Areas based on the TOD Area Zonal Plan.

**5. Madhya Pradesh Metro Rail Co Limited (MPMRCL)/Mass Transit Agency (Metro Rail/Light Rail/Mono Rail/BRT/High capacity public transport services)**

- Preparation and implementation of TOD area zonal plan with the assistance of Municipal Corporation/Municipality.
- Approval of layout plan in TOD area.
- Planning, enforcement and regulating urban transport including public transport (Metro Rail/Light Rail/Mono Rail/BRT/High capacity public transport services), IPT, parking, pedestrian & non-motorized transport facilities and private motor vehicles.
- Promote, Control and regulate the building construction activities in the TOD Areas.
- Preparation and implementation of integrated Multi-modal Public Transport operations service plan.
- Ensuring and managing Multi-modal integration of PT Services through integrated service planning.

- Regulate roads, street and building construction/development in TOD Areas and ensure that Codes applicable for Urban Roads and Building are being complied during such construction/development.
- Preparation and implementation of TD scheme/TP scheme and approval of layouts prepared under aforesaid schemes in TOD Areas in sole capacity or in partnership with landowners/developers.
- Administration and management of Dedicated Urban Transport Fund (DUTF).

V<sup>a</sup>kaf tV mUeq[kh fodk] uhfr ½izk: i½

2018



e/; izns'k

izLr[r &

uxjh; fodk] yoa vkok] foHkkx]

e/; ins'k skklu



e/; in'k skklu

# V<sup>a</sup>kaf tV mUeq[kh fodk■ uhfr ¼izk = i½ 2018



uxjh; fodk■ yoa vkok■ foHkkx]  
e/; ins'k skklu

rduhdh ■gk;rk&  
esgrk y.M y■ksf■ ;V■] bUn§j

## fotk; ■ wph

fo"k; ■ wph	3
1. ■"Bhk[e	4
2. uhfr dh vko";drk	5
3. uhfr dk iz;ktu rFkk iz;kx @iz;T;uk	6
4. Vkf <del>t</del> V mUeq[kh fodk■ %VhvMh%	7
4-1 fotu %Vision%	8
4-2 mí's';	8
4-3 ykk	10
5. Vkf <del>t</del> V mUeq[kh fodk■ %VhvMh% {k= vkj Vakf <del>t</del> 'ku {k=	12
5-1 ifjHkk"kk;	12
5-2 VhvMh {ks=ks @ Vkf <del>t</del> 'ku {s=k dh ■hekdu	13
6. uhfrxr mí's'; dk iwjk dju d fy, sf"Vdk.k	14
6-1 Vkf <del>t</del> V&■gk;d mi;kx	14
6-2 Vkf <del>t</del> V Lvs'kuk @ dkjMksjk d vklik■ ?kuhdj.k vkj fefJr vk; oxZ ;Dr fodk■	15
6-3 dusDVfoVh ■fuf"pr djuk] osghD; yj ■fQd %Vehicular Traffic% vksj ikfdx çci/kr djuk	17
6-4 iny ;k=h vj ,u ,e oh&mUeq[k fMtibu	21
6-5 çR;d Vkf <del>t</del> V Lvs'ku@ dkjMkj {k= dk ,d ^vuBk LFku^ cuuk	23
6-6 LFkuh; leqnk;s d lanHk es fu;ktu	26
7. eq[; dk; {k=	26
7-1 Hk[e	26
7-2 fošk	27
7-3 vklslajpuk	27
8. fofHkuu ,tih;k dh Hkfedk vkj mškjnk;Ro	28

## 1- **i tBhkfe**

e/;çn'k dh tula[;k 72-6 fefy;u ¼2011 dh **tux.kuk½ g vkj ;g** 308]252 ox  
fdeh {ks= ei QSyh gþz gSA gkykafid jkT; dh vFkZ; oLFkk dkQh gn rd -f"k iz/kku gS] **tks**  
dgy Je'kfDr dk 77 izfr'kr fu;ksftr djrh g vksj jkT; ?kjsy mRikn e 40 **ifr'kr** dk  
;ksxnku **djrh** gSA vU; jkT;k dh rjg] e/;çns'k dk Hkh rsth **I 'kgihdj.k** gk jgk gSA  
o"k 2011 ei e/;çns'k ei 'kgihdj.k dk Lrj 27-63 **ifr'kr nt fd;k x;k g vksj bld**  
476 'kgj gSA buel **I 4 'kgjk ½vFkkZr bankSj] Hkkiky] tcyiqj vksj Xokfy;j½** ei nI  
yk[k **I vf/kd vkcknh vksj 28 vU;** 'kgj e 1 yk[k **I vf/kd vkcknh gSA**  
**Hkkjr d Ikekftd&vkFFkd cnyko vksj ifjorzu** ei 'kgjk vksj dLck dh ,d egRoiw  
Hkifedk gSA ns'k d **I dy** ?kjsy mRikn ¼thMh½ ei mud ;ksxnku d **vyykok] tk orZku** ei  
yxHkx 60&65 izfr'kr **ij gS vksj os'od cktjk** e mudh c<+rh Hkifedk] **Hkkjr d 'kgj**  
uokpkj vksj dbz xfrfot;k d daz gSA **I kfk gh]** **Hkkjr d vf/kdkalk 'kgj vksj dLck** dls  
cju;knh **I fo/kkjk vksj Iok dh miyè/krk d IanHk ei xahhjrk I cy fn;k x;k gSA**  
e/;çns'k d 'kgj u doy vkcknh d **IanHk ei rho of)** d **Ik[kh cu jg gS cfYd de**  
?kuRo oky 'kgjh Qyko dh vksj c<+ jg gaA mud **izlkj** ei Hkh 'kgjh vkscknh d dkj.k  
**Ihfer 'kgjh cju;knh <kap ij tksj iM jgk g vksj 'kgjh LFkkuh; fudk; fujarj** c<+n  
ckgjh QSyko dk foLrkfjr 'kgjh Isok, çnku dju dh dkst'k'k dj jg gSA blu 'kgjh  
**Isovk rd vR;f/kd vkcknh oky; v0;ofLFkr :i I forfjr vksj cM iSeku ij QSy gq,**  
'kgjk ei igp çnku dju e mudh foUkh; {kerk dk Hkh de **dj fn;k gA**  
**Vkx 'kgjh QSyko ei of)** d **Ikfk ;k=k dh yackbZ ½Travel Length½ vksj Ie;** ½Travel  
Time½ Hkh c<+ jgk g tk ifjogu d xSj&LFkk;h **Ik/ku** ½Unsustainable Modes of  
Transport½ **d mi;ksx dk iijr dj jgk gSA ;k=k dh Ia;k ei c<+ksrjh d Ikfk&Ikfk**  
**ifjogu d LFkk;h Ik/ku** ½Sustainable Modes of Transport½ **tSl IkoZtfud ifjogu**  
**v0;ogkfjd vksj izk;% cM ;k=k Iaca/kh ekaxk dk iwk dju d fy, de iM jg gSA**  
e/; çns'k **Ijdkj 'kgjh {ks=k ei LekV fodkI** ½Smart Growth½ dk c<+kok nsr gq, uxjk  
dk is'k vkJgh fodkI rFkk **ifjogu I Iaca/kr IeL;kvk dk VktV vksj, aVsM Msoyiesav**  
**fI/nkark** ½Transit Oriented Development Principles½ d ek/e I Iqy>ku dh bPNk  
**j[krh gSA**  
**VakftV mUeq[kh fodkI ½VktV vksj, aVsM Msoyiesav½ ½VhvksMh½ dh vo/kkj.kk]** Hkifie mi;ksx  
d rRok d ekxz[n'kZd fI)kark dk ykx dju ei 'kgjk dh Igk;rk dju d fy, ,d fodkI  
**j.kuhfr gSA VhvksMh j.kuhfr ei u, e/e vkJ mPp** ?kuRo vkokI d Ikfk&Ikfk u,  
Ikotfud mi;ksx vksj Neighbourhood Lrj dh vf/kdk'k Isok, tSl QqVdj vksj  
0;koIkf;d mi;ksx dk fefJr mi;ksx d :i ei ikjkxeu iz.kkyh d Iekukarj egRoiw  
LFkyk **ij dIzr fd;k tk,xKA**

## 2- uhfr dh vkos;drk

Hkile mi;ksx dk fu;ktu ekuo dh t:jrk tsIs fd vkokl] dkedkt] Ikekftd lidz] vodk'k vksj 0;fä;k vksj oLrvk dh xfr'khyrk dk Iarlyr dju d fy, jgu ;ksX; okrkoj.k %Livable Environment% rS;kj djrh gSA Hkile mi;ksx dk fu;ktu Ihfer 'kgjh foLrkj es çfrLi/kk ekxo dh vko';drkvk dh% ds Iryu ds fy, egRoiwk gSA ;ifi ifjogu 0;fä;k vksj oLrvk dh xfr'khyrk d fy, ekuo dh t:jrk e I,d g] vDlj xfr'khyrk %Mobility% dk ikjkxeu vlij vkokxeu rd dh Ihfer ekuk tkrk gS vlij vU; ekuo t:jrk I fHkuu Hkh ns[kk tkrk gSA xfr'khyrk fIQ ikjkxeu vlij vkokxeu ugh g] cfYd xfr'khyrk ls tqM vU; vk;ke yphykiu %Flexibility% vlij igap %Accessibility% gSA xfr'khyrk e yphykiu de ;k=k nwjh dk lefiZr gS vksj xfr'khyrk e igap fofHkuu ekuo vko';drkvk %Hkile mi;ksx% rd igap dks lefiZr gSA

Hkile mi;ksx vksj ikjxeu %VakftV% ds chp Ic/k] fodkI ds ,d dq'ky Lo:i es ifj.kkfer gsrk gS tks VakftV ç.kkyh dk lefju djrk gS vlij ;krk;kr d teko %Traffic Congestion% vksj 'kgjh QSyko dk de dju e Ikfld Hifedk fuHkkrk gSA Vhvkmh uhfr vksj I dk;Lfky d Iacajk e Iqkkj d Ikf&Ikfk IkoZtfud ifjogu dh n{krk vksj fLFkjrk %efficiency and sustainability% e Iqkkj dju e egRoi.k Hkiedk fuHkk Idrh gSA

e/;çns'k futh cI v,ijsVjk d ek/e I IkoZtfud ifjogu 0;OLFkk d Iapkyu e vxz.kh jgk gS] tgk Ijdkj ds LofeRo ds Lis'ky iiZt ohfgdy %SPV% IkoZtfud ifjogu d Iapkyu e dh Ifo/kk iznkrk d :i e Hkiedk fuHkkrh gSA banksj I 'k: djds jkT; d 19 vU; 'kgjk u Lis'ky iiZt ohfgdy %SPV% Lfkkfir fd, gS] ftle I dqN 'kq: gq, g vksj vU; IkoZtfud ifjogu Iapkyu 'kq: dju dh çfØ;k e gSA IkoZtfud ifjogu d midze dk vksj vksj c<sup>+</sup>ku d fy, IkoZtfud ifjogu ç.kkyh d ;kf=;k dk c<sup>+</sup>ku vksj ml ifjogu dk ,d 0;kogkjfd rjhdk cuku ds fy, Vhvkmh uhfr;k dk ykx fd, tku dh vko';drk gSA Hkkjr Ijdkj u jk"Vh; VakftV mUeq[kh] fodkI %Vhvkmh% uhfr r;kj dh g vksj jkT;k I Vhvkmh uhfr;k dk rS;kj dju vksj VakftV mUeq[kh] fodkI dk Ifuf'pr dju dh olnk dhA

,d jkT; Lrjh; Vhvkmh uhfr dh vko';drk g D;kfd e/;çn'k ds 'kgjh 'kgjh dj.k ds c<sup>+</sup>tr ncko vkj ;krk;kr vksj ifjogu Iacajk Iel;kv k d c<sup>+</sup>tr ncko d dkj.k viuk vkd"Z.k vksj Iqanjrk [kk jg gSA bl çdkj 'kgjh ifjogu d eqs d fuEu :lk e Iek/kku ds fy, ,d Rofjr vko';drk gA

- Hkile mi;ksx vksj ifjogu ,dhdj.k %Land Use and Transport Integration% ds uohu 'kgjh fu;kstu vksj fodkI n'kzu d fy, ifjorzu dk vey es Ykkuk gSA

- of/kzr IkoZtfud ifjogu Ifo/kkvk rd ukxfjdk dh igap e Iq/kj d tfj, 'kgjk dk jgu ;ksX; cukuk gA
- Hk'e d fodkI d ek;/e I 'kgjh v/kkslajpuk d foLrkj vksj IkoZtfud ifjogu ifj;ks<sub>t</sub>ukvls dk foÙkis"k.k djuk gA

bI çdkj VakftV mUeq[<sub>kh</sub>] fodkI uhfr VakftV mUeq[<sub>kh</sub>] fodkI dk c<sub><</sub>kok nsu d fy, ;fuQkbM esVisi,fyVu V<sub>al</sub>iksV vFk,fjVh ¼;w,eVh,½] ekI V<sub>at</sub>tV ,tI;ks 'kgjh LFkuh; fudk;ks Ijdkjh iSjk&LVSVI ,tI;ks çorzu ,tI;ks vksj turk d fy, ,d ekxZn'kZu midj.k gksxhA

### 3- uhfr dk i;ktu rFkk i;kx @i;sT;u

;g uhfr e/;çns'k d iwj 'kgjh {k=k ij ykx gksrh gS] tk fd uxj rFkk xde fuos'k vf/fu;e d rgr fodkl ;ks<sub>t</sub>ukvls ¼Mhih½ dh r;kjh @ iqujh{k.k} Hife fodkI fu;e vksj vU; Iac) fu;ek d fu;eu@ Ia'kks/kuks] fodkI fu;ek d fu;eu vkj e/;in'k es 'kgjh fodkI dk fofu;fer dju ds fy, ,d ekxn'kd midj.k ds :i ei ykx gksrh gSA ;g uhfr e/;çns'k d Ikh 'kgjk e V<sub>at</sub>tV LVs'kuk rFkk VakftV d,fjMkj d vkl<sub>ik</sub>I d {ks=k d fodkI dk iksRlkfgr rFkk fu;er dju d fy; fo'ks'k :i I Igk;d gksxh A VhvksMh uhfr&

- e/;çns'k e 'kgjh fodkI d fy, vf/fu;ek fu;ek vksj fofu;ek e Iqaxr Ia'kks/ku dju d fy, Ijdkjh foHkkxk] uxj rFkk xzke fuo'k lapkyuky; ,o uxjh; ç'kklu vkj fodkI lapkyuky; dh Igk;rk djxhA (
- e/;çn'k es 'kgjh fodkI ds fy, Mhih] ijh{ks=d ;ks<sub>t</sub>ukvks vksj VhvksMh {ks=ijh{ks=d ;ks<sub>t</sub>ukvks dh r;kjh vksj iqujh{k.k} e uxj rFkk xde fuos'k lapkyuky;] uxj fuxe@ uxj ikydk @ uxj ifj"kn vksj ekI V<sub>at</sub>tV ,tsah dh Igk;rk djsxhA (
- V<sub>at</sub>tV LVs'kuk vksj d,jhMksjk d vkl<sub>ik</sub>I d bydk e Hk'e d fodkI vksj Hkouk d fuekZk d fy, vkonuk d tokc e ;ks<sub>t</sub>uk @fodkI vuqefr;k vksj Hkou fuek.k vuefr tkjh dju d fy, uxj rFkk xzke fuo'k lapkyuky;] uxj fuxe@uxj ikydk @ uxj ifj"kn vksj ekI V<sub>at</sub>tV ,tsah dh Igk;rk djxhA (
- V<sub>at</sub>tV LVs'kuk vksj d,jhMksjk d vkl<sub>ik</sub>I VhvksMh yvkmV ;ks<sub>t</sub>ukvks @ uxj fodkl ;ks<sub>t</sub>ukvks@fdQk;r dh vkokl ;ks<sub>t</sub>ukvls @ vls|ksfxd fodkl ;ks<sub>t</sub>ukvls dh jpuk e fodkI çkf/kdj.ksa@ ekI V<sub>at</sub>tV ,tIh @x'g fuekZk ,o v/kkslajpuk fodkI eaMy @vks|ksfxd dsaz fodkI fuxe vksj vU; iSjk&LVSVy ,tI;ks dh Igk;rk djxhA (

- V<sup>4</sup>tV LV's<sup>ku</sup> vksj d,fjMksj d vkl<sup>ikl</sup> d bydk e Hk'e d fodk■ vksj Hkouls d fuekz.k d fy, viu vkosnu dk rS;kj dju e fodk■drkvk vksj Hk'e ekfydk d Igk;rk djxhA (
- V<sup>4</sup>tV LV's<sup>ku</sup> vksj d,jhMksjk d vkl<sup>ikl</sup> d bydk e Hk'e d fodk■ vksj Hkouk d fuekz.k d fy, viu vkosnu rS;kj dju e fodk■drkvk vksj Hk'e ekfydk dk ijke'k çnku dju d fy, jftLVM vfdZvSDV~l] 'kgjh lyku■ vksj bathfu;I d Igk;rk djxhA (

;g VhvisMh uhfr uohu V<sup>4</sup>tV LV's<sup>ku</sup> vksj dkljMksj d lkF&lkF ,slh iquoZdk ;ktukvk] tSlh fd fo|eku LV'ku] d,jhMkj vkJ vkl<sup>ikl</sup> d leqn;k d fy, rS;kj d tku d lk/k e VhvisMh {ks= ¼V<sup>4</sup>kftV LV's<sup>ku</sup> vkJ d,fjMkj {ks=% vksj V<sup>4</sup>t'ku {ks= dks fodkl ;ktukvls %Mhih% es fpfUgr fd;k tk,xk vkJ ijh{ks=d ;ktukvk@ VhvisMh {ks= ijh{ks=d ;ktukvk e lhekldr fd;k tk,xkA tgka Mhih] ijh{ks=d ;ktuk, vksj 'kgjh fodk■ fu;e ykx gksr g; ;g nLrkost bu ekStwnk os/kkfu ;ktukvk vksj nLrkostk d iujh{k.kk @ l a'kls/kuls d fy, vkkj çnku djxk vlij Hkfo"; d lkHk Mhih] ijh{ks=d ;ktuk, vksj 'kgjh fodk■ fu;ek vksj vU; nLrkost bI nLrkost d vkkj ij r;kj fd, tk,axsA

#### 4- V<sup>4</sup>kaf<sup>4</sup>tV mUeq[kh] fodk■ ¼VhvisMh½

V<sup>4</sup>kftV mUeq[kh] fodk■ ¼VhvisMh½ dk lkotfu d ifjogu I iny nwjh d lkhrj e;/e I mPp ?kuRo oky vkoklh;] dk;iy;ls vlj QqVdj nqdku tSl V<sup>4</sup>tV Igk;d mi;ksx d fy, d,EisDV] iSny ;k=h vksj ,u ,e oh vudwy fodk■ %Pedestrian & NMV Friendly Development% d :i e ifjHkkf"kr fd;k x;k gSA VhvisMh fefJr&mi;ksx] fefJr&vk; oky vkoklh; vksj @ ;k okf.kfT;d {ks= gs ftI lkotfu d ifjogu rd iggap c<sup>4</sup>ku d fy, fMtkbu fd;k x;k g; vksj tk iSny ;k=h vksj ,u ,e oh mUeq[k fMtkbu %Pedestrian & NMV Oriented Design%] cgq&eksM y ,dhdj.k %Multi-modal Integration% vksj dusDVfoVh tI V<sup>4</sup>tV ;kf=;k dk çksR lkfgr dju d fy, ljo/kkvk dk 'kkfey djrk g A VhvisMh O;kid :i I fodk■ ds lcl LFkk;h Lo:Ik ds :Ik es ekuk tkrk gs vksj nfu;k d dbz fgLlk e vey e yk;k tk rk gSA ;g fut<sup>h</sup> eksVj okgu d mi;ksx d çHkko dk de djrk g vksj ,sl fodk■ dk c<sup>4</sup>kok nsrk g tk V<sup>4</sup>tV d mi;ksx d fy, vf/kd vuqdwy gSA VhvisMh fuokfI ;k Jfedk vksj ndkunkjk dk ekI V<sup>4</sup>tV dk bLreky dju ds fy, çkRlkfgr djrk g vkJ V<sup>4</sup>kftV LV's<sup>ku</sup> vkJ V<sup>4</sup>kftV d,fjMkj ds vkl<sup>ikl</sup> d,EisDV] fefJr&mi;ksx vksj iSny ;k=h vuqdwy fodk■ ls fut<sup>h</sup> eksVj okgu iij fuHkZjrk de djrk gSA

## 4-1 fotu %Vision%

- mPp ?kuRo] fefJr mi;ksx d fodk<sub>ll</sub> d ek;/e I koZtfud ifjogu dk ifjogu dk ,d iInhk lk/ku cukdj 'kgjh {ks=k e LeV vksj thu ;ksX; fodk<sub>ll</sub> %Smart and livable Growth% lqfuf'pr djukA iSny ;k=h dh Ij{kk} vkJke vkJ lqfo/kk lqfuf'pr djukA

## 4-2 mís;

V<sup>k</sup><sub>ft</sub>V mUeq[<sub>kh</sub> fodk<sub>ll</sub> uhfr fuEufyf[kr çeq[k uhfr mí';k ij fodflr dh xb g tk V<sup>k</sup><sub>ft</sub>V LVs'ku vksj d,fjMksj {ks=k ij ykx gksrh g&

### 1. V<sup>k</sup><sub>ft</sub>V Igk;d mi;ksx %Transit Supportive Uses% fufspr djuk

V<sup>k</sup><sub>ft</sub>V LVs'ku vksj d,fjMksj d vkl<sub>ikl</sub> tehu dk mi;ksx bl izdkj luf'pr djuk fd o mPp Ekk<sub>kk</sub> e V<sup>k</sup><sub>ft</sub>V ds mi;kx e of}] LFkuh; Lenk; gsrk fefJr mi;kx dk dk; d<sub>saz</sub> vksj 'kgj&O;kih ifjogu usVodl d ykhk d ek;/e I V<sup>k</sup><sub>ft</sub>V jkbMjf'ki gsr Igk;d gksA ;g LFkuh; Lenk; dk mud Lenk; {ks= e gh of/kr Isok, a jkstxkj vksj vkokl fodYi çnku djrk gSA

### 2. V<sup>k</sup><sub>ft</sub>V LVs'ku vkJ d<sub>ll</sub>jhMlsj ds vkl<sub>ikl</sub> pkuhdj.k vkJ fefJr vkJ; fodk<sub>ll</sub>

?kuhdj.k I mPp vkoFÜk %High Frequency% okyh jWfiM V<sup>k</sup><sub>ft</sub>V Isok %Rapid Transit Service% d<sub>ll</sub> c<sub><</sub>kok feyxk vkJ ;g foFHkuu çdkj d vkokl] jtxkj] LFkuh; Lokyis vksj lio/kkvk d fy, Hkh vkJçnku djsxk tk ,d thoar LVs'ku vkJ d,fjMksj {ks= Lenk; cuku e Igk;d gksxkA

fefJr vkJ; fodk<sub>ll</sub> foFHkuu vkJ; Lrjk oky yksxk d fy, fofo/k çdkj dh vkokl bdkb;k dk 'kkfey djxk bles de vkJ; okys fuokfl;k ds fy, fdQk;r h vkokl fodYi dh ,d J.kh %Range of Affordable Housing Options% Hkh 'kkfey dh tkuh pkfg, vkJ fofo/k vkJ; Lrjk oky laiwd foFHkuu o;koIkf;d fodk<sub>ll</sub> 'kkfey gku pkfg,A

### 3. dufDVfoVh fufspr djuk] oghD;yj VQd %Vehicular Traffic% vksj ikfdazx dk çca/ku djuk

ek I V<sup>k</sup><sub>ft</sub>V d<sub>ll</sub>Mksj ij fo'ks'k /;ku d lkfk 'kgj e o;kid ifjogu usVodl fu;stu %Comprehensive Transport Plan% ds ek;/e I dufDVfoVh lufuf'pr djukA foFHkuu ekM V<sup>k</sup><sub>Qj</sub> fodYi ds Lenk; dhdj.k %Integration of Various Mode Transfer

Options% d lkFk ,d vkjkenk;d iSny ;k=h okrkoj.k cuku d nksjku ikjxeu Isok, vksj fut h eksVj okgu ifjlapj.k vksj ikfdaZx dh vko';drkvk dk lek;ksftr djukA

#### 4. **iSny ;k=h vksj yu ye oh&mUeq[k fMtkbu %Pedestrian and Non-Motorised Vehicle Oriented Design% cukuk**

iSny pyu ;ksX; VktV LVs'ku @d,fjMksj {ks= dk leFkZu dju vksj VktV d mi;ksx dk c<+>kok nu d fy, lHkh VktV LVs'ku @ d,jhMksj l lio/kktud] vkJkenk;d] lh/kh rFkk lqjf{kr dMh ls iSny ;k=h vksj xSj eksVj okgu %,u ,e oh% d laid ltr djukA

#### 5. **çR;d VktV LVsku @ d;jhMksj {k= dls yd vuqBk LFku cukuk**

,d dks,ksed VktV uksM dk leqnk; d ços'k }kj vksj xfrfot/k;k d thoar fefJr dsa es cnyu d fy, çR;sd VktV LVs'ku @ d,fjMksj {ks= dk ,d vuB i;kzj.k d :i e fodfIr fd;k tk,xKA fMtkbu d tfj, lqjf{kr] mi;kx ;kX; lk>k lkotfud LFku ltr djsa vksj ekStwk ikl dk lqyHk cuk,aA

#### 6. **LFkuh; leqnk;k d lanHk e ;kstuk**

LFkuh; leqnk;k d lkFk ijke'k d ek;/e l VhviMh LFkuh; leqnk;k d fy, c<+>n mi;ksx vksj Isokvksj fofHkuu çdkj d vkok] c<+>n ifjogu fodYi] c<+>h ggbZ lkeqnkf;d lio/kkvk vkj vf/kd iSny pyu ;ksX; ekgkSy lfgr LFkuh; leqnk;k d fy, lgk;d ykHkk dh ,d foLr'r Jafkyk çnku djsxKA

#### 7. **lkoZtfud ifjogu dk c<+>kok nsuk vksj fut h okgu e dVksrh**

VhviMh {ks= vksj VktV'ku {ks= es mPp ?kuRo okys {k=k dk fodkI djds lkotfud ifjogu d mi;ksx dk c<+>kok nsuk] tk nsfud vko';drkvk dk ijk dju d fy, fuokfl;k @ Jfedk }jk fd, tku oky VktV rFkk iSny ;k=kvk dh fgLI snkjh ei of) djsxk vksj fut h okgu d LokfeRo ei deh es ifj.kkfer gksxkA ;krk;kr vij lcf/kr ikfdaZx ekax] çnw'k.k vksj ;Fkkiz;ksT; VhviMh {ks= vksj VktV {ks= ei VqfQd dat'ku ei deh ei Hkh ifj.kkfer gksxkA

#### 8. **lM+d usVod dk pkuhdj.k**

lqjf{kr vksj vklku vkokxeu vksj fofHkuu mi;ksx d lkFk gh VktV LVs'ku d chp ,u ,e oh vksj iSny ;k=;k dh dusDVfoVh d fy, fodkI {ks= d Hkhrij ,d ?ku lM+d usVod dh LFkkiuk djsaA

## 9. **Ijf{kr Iekt dk fodkl djuk**

efgykvks cPpkj ofj"B ulxfjdk rFkk fn0;kaxk dh Iqj{kk ij fo'ks" /;ku nsRk gq, Iqj{kr Iekt lqfuf'pr djuk gskk Hkou fuek.k mifu;e! ei vko';d I'ks/ku djukk] tsIs fd clmMholly ds çko/kkuks dk Ieklr djukk] IMd ij Hkou! ds vx Hkkx e lfØ;rk ds çko/kku cukuk] iSny pyu ;ksX; jkLrk d :lk ei Ihekar [kyh txg dk IkoZtfud mi;ksx ds çko/kku cukuk vkfnA

## 10. **skgjh QSyo dk fu;=r djuk**

ifjogu d,fjMksj rd iqqap d Ikk ,d d,EisDV {ks= e c+rh vkcnnh dk Iek,ks| djd 'kgjh QSyo dk jkduk] tk fd suo'k dk ;Drhdj.k djxk vkj fodkI ds fy, cfu;knh <kap dh ykxr dk de djsxkA
|  |

## 11. **i;kzoj.k d vuqdwy vksj jgu ;ksX; skgj**

'kgj e ços'k vksj fuxZe ;k=kvki d Ikk&Ikk eky dh vkoktkgh d fy, i;kj.d vudy ;krk;kr fodYiks] [kqyh txgks] [ksy eSruk vksj xtu cYV d çko/kkuks dk ek/e I dkczu infpàk %Carbon Footprints% dk de djukA

## 4-3 ykHk

VhvisMh 'kgjls dls fuEufyf[kr ykkh çnku djxk%

%1½ **Ikk d fy, xfr'khyrk ds fodYi & futu okguk d mi;ksx dk IkoZtfud ifjogu vksj osdfYid rjhdks d mi;ksx e ifjorzu djds xfr'khyrk ds çfreku dk cnyuk A**

%2½ **Ikk d fy, thou dh cgrj x.koÜkk & LoLF; thou rFkk thou dh csgrj x.koRrk ds ifr thou 'ksy dk cnyu dk iijr djuk d mnns'; I fofo/k mPp&?kuRoh;] fefJr&mi;ksx] fefJr&vk; oky vkokl] jktxkj vkj eukjtu fodYiks dls ekI VekftV LV'sku I iSny pyu ;ksX;@ Ikbfdy pyku ;ksX; nwjh ij çnku djukA Ieqnk; dk vyxko djuk dh ctk, ml ,dh-r djuk vksj Ikekftd dyd vksj vlrks"k dls de djukA**

%3½ **cR;sd ifjokj dk ,d ?kj & Ikk çdkj d vk; ox d fy, vkoklh; LV,d dh vkiwfr ctk, ftle 'kgj e fdQk;rh vkokl vksj ofk.kfT;d txgk dh Js.kh 'kkfey gsj tk dherk e fxjkoV yk,xh vksj 'kgjk ei jgu vksj dke djuk dk fdQk;rh cuk,xhA**

%4½ **cktkj cgrj 'kgj e Hkkxhjkjh djrk g& 'kgj d fodkI vksj jktLo e fuos'k yku ds fy, futu {k= ds fy, fodkI ds volj [kks vkj foHkUu I Hkkfor fodkI e,Myk d mi;ksx I dI I fèIMkbT M Ikekftd fo/kkvs] fdQk;rh vkokl vksj**

- IkoZtfud ifjogu e enn feyxhA de v<sub>k</sub>; okys Iewg<sub>k</sub> dk ,dh-r fefJr&vk; oky Ieqnk;k ei LFku vksj I>k I<sub>o</sub>/kk, çnku dh tk Idrh g<sub>g</sub> ftll 'kgjh efyu cfLr;k vkj vuf/k-r d,ykfu;k ds çlkj dk de fd;k tk Idrk gA**
- 145% **Lo&n{krk & mPp ?kuRo cuku I fodsaž-r c<sub>u</sub>;knh <kap d çko/kku vkj çca/ku rduhdls dls vksj vf/kd 0;kogfjd cuk;k tk Idrk g<sub>g</sub> ftll Ieqnk; dh t:jrk dk iwjk dju d fy, LFkuh; Lrj ij ikuh @ Ihost dk iqu% pfdzr %fjIkbdy½ djuk vkj ILrk cuk;k tk IdxKA**
- 146% **I<sub>L</sub>rh IkoZtfud ifjogu & ,d IkoZtfud ifjogu fuf/k ds fy, xj&fdjk;k c,D I jktLo dk ,d egRoiw.k I<sub>sr</sub> miyè/k djuk] ftl I fVdV dh dherk dk de dju vksj IkoZtfud ifjogu I<sub>o</sub>/kkv<sub>k</sub> d çko/kku dk c<sub>u</sub> e enn feyxhA**
- 147% **i;kzoj.kh; fxjkoV dk de djuk & 'kgjh Qyko ¼de ?kuRo Qyku okys fodk½ dk de djd<sub>s</sub> Bksl <ax I 'kgj d fodk vksj iqufozdk d fy, ,d Li"V ş"V ½fotu½ fu/kkfjr djukA mPp ?kuRo okys I?ku fodk ds ek/;e I i;loj.k dh ş"V I Iaosnu'khy Hkile vksj vNwrh Hkile dk cpku e enn feyxhA**
- 148% **ykd /ku dk cpukuk & vfrfjä IMd foLrkj] ikbfix @ dc<sub>y</sub> fcNkus dh ykxr tSl Hkksird c<sub>u</sub>;knh <kap e fuos'k] V<sub>g</sub>kQd dat'ku dh Ie;&ykxr vkj de ?kuRo okys Qyko I Icf/kr vU; cM<sub>h</sub> ykxr<sub>k</sub> es suo'k dh deh ds tfj, ykd /ku dh cpr g®xhA**
- 149% **cg&vuq"kkIfud ,dh-r ş"Vdk.k & ,dh-r fodk çnku djus d fy, ;ktuk d vksj vf/kd Iex çfreku d fy, ,d cnyko çnku djuk tgk IHkh {k=k& xfr'khyrk] fu;ktu uhfr] 'kgjh fMtkbu] cqfu;knh <kps vkj vFk'kkL= ,d lkfk ,dh-r rjhd<sub>s</sub> I feydj dke djA**

## VftV ytfi;k dk fyy ykHk

- 150% **cM<sub>h</sub> vkc<sub>nh</sub> d iSny pyu ;®X; nwj<sub>h</sub> d Hkhrj jgu @ dke dju d pyr ;kf=;k e o;)A**
- 151% **nh?Zdkfyd d<sub>ll</sub>&lfèlM<sub>h</sub> vksj IkoZtfud ifjogu d j[kj[kko d fy, c<sub>u</sub> g<sub>g</sub>bZ Hkile ew;k dk ew; vfkdr gksukA**

## Hkfe] IMd vij Iok ds LokfeRo okyh ytfi;k dk fyy ykHk %&

- 152% **vYi yksd /ku fuos'k d lkfk c<sub>u</sub>r gq, fodk d dkj.k Hkile I Iahkkfor jktLo e o;) A**
- 153% **de ykxr okyh Hfe d Hkhrj] T;knk LFkk;h rjhd I Iex ;stukc) vkc<sub>nh</sub> dls Iek;kftr dju d dkj.k 'kgjh Lrj ij c<sub>u</sub>;knh <kap ¼IM+dks] ikbi] dscy] Ijx<sub>s</sub> vkn d ych vof/k½ dh de ykxr A**

½14½ LFkk;h fod<sup>sazh</sup>-r Hkkfir d<sup>o</sup>lajpuk d<sup>o</sup> fy, o;ogk;Zrk e<sup>o</sup>f)A

½15½ I<sup>k>k</sup> Ikekftd v/<sup>lks</sup>Ijpu<sup>k</sup> fo/kkvls dk of/lr vksj vf/kd d'ky mi;ks

## 5- V<sup>k</sup>a<sup>t</sup>V mUeq[<sup>k</sup>h fodk■ ½VhvksMh½ {ks= vksj

### V<sup>k</sup>a<sup>t</sup>tsku {ks=

#### 5-1 ifjHkktkky

##### 5-1-1 VhvksMh {ks=

ek■ V<sup>k</sup>a<sup>t</sup>V Lv's'ku% & ek■ jfiM V<sup>k</sup>a<sup>t</sup>V f<sup>l</sup>LVe ¼,e vkJ vh , ½ d,fjMksj @ usVod e<sup>l</sup> Hkh ekStwnk vksj çLrkfor ek■ V<sup>k</sup>a<sup>t</sup>V Lv's'ku] ftUg fodk■ vksj l<sup>ap</sup>kyu d<sup>o</sup> fy, I{ke çkf/kdkjh }jk vuqekfnr fd;k x;k gA ½ft■ V<sup>k</sup>a<sup>t</sup>V Lv's'ku ds :Ik es fufn"V fd;k x;k gS%

ek■ V<sup>k</sup>a<sup>t</sup>V d,fjMkj% & esV% jsy @ ykbV jsy @ eksuk jsy d,fjMksj @ usVod vksj cI jSiM V<sup>k</sup>a<sup>t</sup>V ½ch vkJ vh ;k mPp {kerk okyh IkoZtfud ifjogu] d,fjMkj @ :V @ usVod ftUg fodk■ vksj vkolxeu d<sup>o</sup> fy, I{ke i<sup>zf</sup>/kdkjh }jk vuqekfnr fd;k x;k g ½ft■ V<sup>k</sup>a<sup>t</sup>V d,fjMkj ds :Ik es fufn"V fd;k x;k g%

VhvksMh {ks= ½V<sup>k</sup>a<sup>t</sup>V Lv's'ku@ d,fjMksj {ks=% & esV% jsy @ ykbV jsy @ eksuk jsy] ek■ V<sup>k</sup>a<sup>t</sup>V d,fjMksj d<sup>o</sup> chp d<sup>o</sup> js[kk d<sup>o</sup> nksuk vkJ 500 eh pkSMH iV~vh ½5&10 feuV d<sup>o</sup> i<sup>S</sup>ny nwjh% d<sup>o</sup> Hkhrj dk {ks= vkJ mPp {kerk oky IkoZtfud ifjogu] ek■ V<sup>k</sup>a<sup>t</sup>V d,fjMkj d<sup>o</sup> chp d<sup>o</sup> j[kk vFkok bld ekxkj/kdkjh ½vkJ vk MèY;vh ½Right of Way - ROW% d<sup>o</sup> chp d<sup>o</sup> js[kk d<sup>o</sup> nksuk vksj 300 ehVj pkSMH iV~vh d<sup>o</sup> Hkhrj dk {ks=A esV% jsy @ ykbV jsy @ eksuk jsy] mPp {kerk oky IkoZtfud ifjogu vksj ek■ V<sup>k</sup>a<sup>t</sup>V d,fjMkj d<sup>o</sup> chp d<sup>o</sup> js[kk d<sup>o</sup> nksuk vksj iV~vh d<sup>o</sup> pkSMHbz 'kklu }jk de ;k vf/kd fu/kkjjr d<sup>o</sup> tk IdxhA

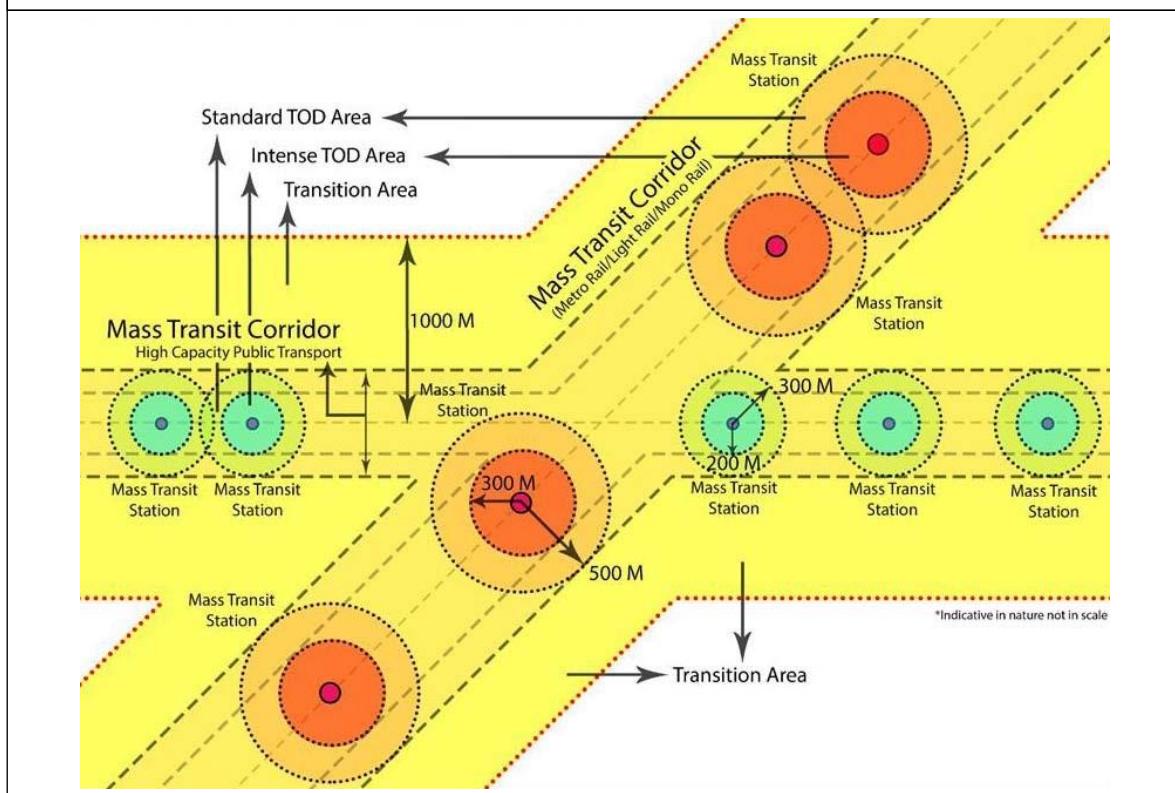
ukV% VhvksMh {ks=k d nk;js e<sup>l</sup> mPp {kerk oky IkoZtfud ifjogu d,fjMksj @ :V @ usVod dk ek■ V<sup>k</sup>a<sup>t</sup>V d,fjMksj d<sup>o</sup> :i e<sup>l</sup> fopkj dju e<sup>l</sup> leFk gksu d<sup>o</sup> fy, ,sl mPp {kerk oky IkoZtfud ifjogu d,fjMksj @ :V @ usVod dk 5000 I vf/kd ;k=h çfr ?kaVk izfr fn'kk d<sup>o</sup> {kerk d<sup>o</sup> lkfk fMt<sup>k</sup>bu fd;k tkuk g®xkA

##### 5-1-2 V<sup>k</sup>a<sup>t</sup>'ku {ks=

V<sup>k</sup>a<sup>t</sup>'ku {ks=% & esV% jsy @ ykbV jsy @ eksuk jsy d,fjMksj @ usVod vksj cI jSiM V<sup>k</sup>a<sup>t</sup>V ½ch vkJ vFkok mPp {kerk oky IkoZtfud ifjogu\* d,fjMkj @ :V @ usVod tk Hkfo"; d<sup>o</sup> ifjogu @ VhvksMh vk/kkjjr ;k tuk d<sup>o</sup> fy, I{ke çkf/kdkjh }jk vuqekfnr fd;k x;k gS d<sup>o</sup> chp d<sup>o</sup> js[kk d<sup>o</sup> nksuk vksj 1000 ehVj pkSMH iV~vh d<sup>o</sup> Hkhrj

dk {ks=A ifj;ks=tuk dh vko';drku;kj VktV'ku {ks=d 'kklu }kj ?kvk;k ;k c<kk;k tk ldrk gA

VhvksMh {ks= %VktV LVs'ku@ d,fjMksj {ks=% dk fp=.k



## 5-2 VhvksMh {ks=k @ VktV'ku {ks=k dh lhekadu

bu {ks=k laci/kr VhvksMh@ VktV'ku {ks=vksj ifj{ks=d lhekdu] fdlh fof'k"V VktV LVs'ku @ d,fjMksj {ks=%VhvksMh {ks=k ½ d fy, rskj Mhih d çko/kkuk d v/khu VhvksMh {ks= ijh{ks=d ;ks=tukvls e fd;k tk,xkA ,lh VhvksMh {ks= ijh{ks=d ;ks=tuk, ekl VktV ,tsalh }jkj rskj dh tk,axhA e/çns'k esvksjy daivuh fyfeVsM ¼,e ih ,e vkJ lh ,y½ @ ekl VktV ,tslh] uxj fuxe @ ifj"kn dh lgk;rk y ldsxh vksj 'kgjh fu;kstu vbjj fodkl fo"kskls l VhvksMh {ks= ijh{ks=d ;ks=tuk,] yvkmV @ VhMh ;ks=tuk rskj dju vksj ifj;ks=tukvksj dh igpku vksj dk;klo;u ei Rkdfudh lgk;rk y ldsxhA

bu {ks=k laci/kr VhvksMh {ks=@ VktV'ku {ks=vksj ifj{ks=d okLrfod lhekadu] [kaM 5-1 e ifjHkkf"kr VhvksMh @ VktV'ku {ks=d Hkhrj @ mll ijs {ks= ij fd;k tk ldxk] tgk fufn"V njh ds ckgj dh tehu fof'k"V VktV LVs'ku @ d,fjMksj {ks=d fo'ks"krk, lk>k djr g vksj Hkkf"rd :i l VktV LVs'ku @ d,fjMksj {ks=l vyx ugh g ;k /kkjk 5-1 d vulkj fufn"V le; ei çR;{k iSny ;k=d dusDVfoVh gk ldrh g;l vksj VktV&lgk;d Hkje mi;ksxk dk LFku n ldi ;k VhvksMh] ijh{ks=d ;ks=tuk vksj uxj ei ;ks=tukc) fodkl d vulkj vko';d gksA bkh çdkj VhvksMh {ks=k d ,sl okLrfod lhekadu ektwnk VktV LVs'ku @ d,fjMksj d vklilk ekStwnk fLFkj vkoklh; leqnk;k ;k

vU; mi;ksx d {ks=k dk ckgj dj ldr g§ tk fof'k"V d,fjMksj {ks= dh fo'k"krkv§ ds lk>k ugh djr g vksj Hkkfrd vojks/kk l vyx gk tkr g tk [k.M 5-1 d vuqlkj fufn"V le; e V<sup>k</sup>**a**tV LVs'ku @ d,fjMksj rd iSny ;k=h iagqp jksdn gSA

## 6- uhfrxr mís; dk ijk dju d fyy şftVdks.k

bI nLrkost dk ,d mí'; V<sup>k</sup>**a**tV mUeq[<sup>k</sup>h fodk■ d uhfrxr mí';k dk ijk dju d fy, j.kuhfr;k dk fu/kkjjr djuk gSA

; j.kuhfr;k V<sup>k</sup>**a**tV LVs'kuk vkj d,fjMkj ds vklilk ds fodk■ ds fof'k"V lnHk es e;/çns'k i'kklu dh j.kuhfrd uhfr %Strategic Policy½ dk n'kkZrh gSA

### 6-1 V<sup>k</sup>**a**tV&lgk;d mí;ksx

#### 1. V<sup>k</sup>**a**tV& lgk;d mí;ksx %Transit Suportive Uses%

V<sup>k</sup>**a**tV&lgk;d Hk'e @ Hkou mí;ksx] V<sup>k</sup>**a**tV mí;ksx rFkk of/kZr ifjogu uVod dk;{kerk dk çksRlkfgr djrh gSA V<sup>k</sup>**a**tV LVs'kuk vksj d,jhMksjk d vklilk Hk'e @ Hkou dk mí;ksx iSVui fuEukuIkj fpfUgr fd;k tk,x%

- jkstxkj dk mPp ?kuRo vkj @ ;k mPp vkoklh; ?kuRo
- ihd ihfj;M %Peak Period% l fhlkuu le; e ;k=k dls c<kok nsuk
- lM+dk vksj V<sup>k</sup>**a**tV LVs'kuk ij fjoI ¶y ;k=k %Reverse Flow Travel% dls vkdflkZr djuk
- iws fnu vksj l lrgHkj xfrfot/k d foLrkjr le; dls çksRlkfgr djuk
- iSny ;k=h mí;ksxdrkZvk dk vkdflkZr djuk vksj iSny ;k=h vkokxeu mRiuu djuk

#### 2. fEkfJr mí;kx %Mixed Use%

,d VhvksMh {ks= vkoklh;} okf.kfT;d] jks txkj] lkotfud v/l&lko tfud] lgk;d fjVy] euksjatu vksj l so k mí;ksx d feJ.k %fEkfJr mí;ksx% dh vuqefr nsxkA mí;ksx dk feJ.k m/okz/kj vksj @ ;k {ksirt :i l gksx %Horizontal as well as Vertical% vFkkZr ] mí;ksx dk feJ.k ,d fo'k"k bekjr d Hkhrj ik;k tk ldrk g ;k VhvksMh {ks= e dbz bekjr e Hkh 'kkfey fd;k tk ldrk g A ;g d,EiSDV] iSny pyu ;ksX; VhvksMh {ks= d Hkhrj dbz rjg d mí;kx çnku djrk g vksj fofoHkuu çdkj d fodk■ d chp rk yesy cukrk gA

### 3. xSj&VktV Igk;d mi;ksx %Non-Transit Supportive Uses% dks hfer djuk

pid VhvksMh VktV lokj %Transit Rider½ vkj iSny ;kf=;ks ij dUnzr g] blfy, ;g egRoi.k g fd fut h ekVj xkmh mUeq[k fodkI %Private Automobile Oriented Development½ VhvksMh {ks= ij gkoh ugh gSA xSj&VktV Igk;d Hkje @ Hkou mi;ksx og gksrk g tk ckfed :i l fut h eksVj okgu d fy, mUeq[k gksn gSA iSny ;k=h ;k VktV mi;ksxdrk d fy, ughA

bl çdkj d mi;ksx

- fut h eksVj okgu xfrfok;k e of) iSny djr gSA
- fut h eksVj okgu d mi;ksx d mUeq[k {ks=k dk fuekz;k djr gSA
- de&?kuRo okys kgjh :i %Urban Form½ l cmt ek=k e Hkje dk miHksx djr gSA
- O;kid lrg ikfdazx {ks=k %Surface Parking Areas½ dh vko';drk fufer gksrh gSA
- iSny ;kf=;k ds fy, udkjkRed çHkko mRiUu djr g] tl fd Hkou d vxzi" B %Building Frontages½ l vyxko] yc vkj FkdkÅ in;k=k;] vksj QqVikFk ij dbz okgu Ø,flax] vkj @ ;k vkekrj ij l xfrfok;k ds foLrkfjr ?k dk vkdf"kr ugh djr gSA

xSj&VktV Igk;d mi;ksx VktV LVs'kuks@d,jhMksjk d rRdky iijlj e vofLkr ugh gksax] tgk mPp iSny ;k=h xfrfok;k vksj cl ;krk;kr gSA bu mi;ksx dk VhvksMh {ks= d ckgj ;k VhvksMh {ks= d fdukj dh vkj vofLkr fd;k tk ldrk g] tgk mPp rhozk mi;ksx %High Intensity Uses½ l aiko u gk vFkok ,sl mi;ksx dk cM O;kid VakftV&Igk;d fodkI ds Hkkx ds :i es LFkkfir fd;k tk ldrk gSA

### 6-2 VktV LVsskuk @ dkWjhMksjk ds vkljkl pkuhdj.k vksj fefJr vkJ ox ;qDr fodkI

#### 1. pkuhdj.k %Densification%

d- çR;sd VktV LVskuks @ d;jhMksjk d vkljkl pkuRo dks vuqdfyr djuk

- vkljkl d lanhk vkj fo'ks"k VktV LVs'ku @ d,fjMksj çdkj ij fopkj djr gq, VakftV LVs'ku @ d,fjMksj e vksj bld vkljkl ?kuRo c+k;k tk,xkA mPp ?kuRo dks ,sl LFkkuk e j[kk tk,xk] tgk l VktV vkj LFkkuh; lkotfud ç.kkfy;k rd lokjike iggap gksA

- mPpre ?kuRo d mi;kxk vksj Hkou :i k %Building Forms% %tSl vikVZesA] dk;iy; Vkoj vkn% dk ftruk laHko gk mruk V<sup>k</sup>atV LVs'ku @ d,jhMksjk lehi vofLkr fd;k tk,xkA

## [k- pkuRo ds çHkkko dk de djuk

- Vhv<sup>k</sup>Mh {ks= ei mPpre ?kuRo] V<sup>k</sup>kftV LVs'ku @ d,fjMkj ds rRdky fudVre lkBV ij gksA bld vykok] V<sup>k</sup>atV LVs'ku @ d,fjMksjk ds fudV Hkkx ij U;ure ?kuRo ekunM LFkkfir fd, tk ldn g rkfd ;g lfuf'pr gk lds fd fodkl dh okaNuh; rhork %desired Intensity of Development % gkfly dh tk pqdh gSA
- V<sup>k</sup>atV LVs'ku @ d,fjMksj l nwjh d vUlkj] Hkou mpkb;ka vksj ?kuRo ea deh djn gq,] mPp vksj fuEu rhork fodkl d chp V<sup>k</sup>kft'ku LFkkfir djukA
- ?kuRo] Hkouk dh ÅapkbZ vksj Nk;vk d LFku fu/kkZj.k %Placement of Density, Building Height, and Shadows% ds fy, vksjtd rRok d :i e V<sup>k</sup>atV lqfo/kk,] lkotfud LFkyia rFkk lMdls dk mi;kx djukA
- ,dhdj.k lfuf'pr dju vksj fodkl ds çHkkok dk de dju ds fy, u, fodkl vksj ekStwk leqn;k d chp mfpr mipkj djuk %Proper edge Treatment% tSls fd] lqlaxr %Compatible% fcFYMax Ldsy %Building Scale%] ikfdzax LFku ,o ySAMLDstiax %Landscaping% vknA

## 2. fefJr vksj oxz ;Dr fodk■ %Mixed Income Development%

fefJr ox ;Dr fodk■ es fofHkUu vksj; Lrj okys ykxk ds fy, fofok çdkj d vkoklh; bdkb;k d 'kkfey fd;k tk,xkA bles de vksj; ox d fuokf ;ls d fy, fdQk;r h vkokl fodYiks dh J.kh %Range of Affordable Housing Options% 'kkfey gkxhA ;g fofHkUu vksj; Lrjk dls ifjiwjd fofok olf.kT;d fodk■ Hkh 'kkfey djxkA fefJr vksj; ox ;Dr fodk■] ?kuRo ij fuEu dkj.ks l ldkjkRed çHkkko Mkyrk g &

- de vksj; vksj vkkfkZd :i l detksj ox d vkokl e vkoklh; bdkb;k d vkdjk NksV gksr gA
- vukSipkjdf {ks= %Informal Sector% vksj ,sl vU; O;kolkf;d çfr"bkuk e mPp jkstxkj ?kuRo %High Employment Density% gksrk gSA fefJr vksj; ox ;Dr fodk■ leko'kh %Inclusive% vksj mPp ?kuRo fodk■ %High Density Development% gksxk] tk V<sup>k</sup>ftV d,fjMkj ds jkbMjf'ki ij ldkjkRed çHkkko MkyxkA

## 6-3 dufDVfoVh ■fufspr djuk] oghD;qyj VfQd %Vehicular Traffic■ vkj ikfdx çcaf/kr djuk

'kgjh bykdk es dufDVfoVh ■fuf'pr dju ds fy, Mhih vkj ijh{ks=d ;ktukvls e 0;kid ifjogu usvod fu;kstu %Comprehensive Transport Plan% fd;k tk,xkA Vhvlsmh {ks= d çLrko ,d vjkkenk;d iSny ;k=h okrkoj.k djr gq,] VktV Isokvks fut h eksVj okgu ifjlapj.k vksj ikfdaz dh vko';drkvls dk Hkh Iek;ksftr djsaxsA

### 1. dufDVfoVh

Mhih vkj ijh{ks=d ;ktukvls d v/khu ifjogu çLrkok dk fuEukuIkj rs;kj@iqujhffkr fd;k tk,xk% &

- ;krk;kr d Ikkh lk/kula d fy, IM+dk vksj iFkk dk ?kuk usvod cukukA
- dgn /keuh; IMDkas@ekxk %Arterial Roads/Streets% ij ;krk;kr okY;e %Traffic Volume% dk dftunzr dju d ctk; dbz Iekukarj IMDkas@ekxk ij mPp ;krk;kr o,Y;e QykukA
- ;krk;kr d Ikkh lk/kula d fy, IM+dk dk ,lk eghu usvod %Fine Network% cukuk] tks fofHku LFkkuk d chp dh nwjh de djr gq,] iIanhk :V~l dk p;u %Choice of Routes% çnku djrk gsaA

Vhvlsmh {ks= e fodk■ çLrko@yvkmV lyku@VhMh ;ktuk vknf] iny ;k=h vksj ,u ,e oh elsm %Pedestrian and NMV Mode% ds fy, VakftV LVs'kuk@d,jhMkjk rd rFkk O;fäxr Hkouks@ifjIjk d chp NksV I NksVk I h/kk :V %shortest direct route% çnku djsxkA

### 2. eÜvh&ekMy ydhdj.k %Multi-modal Integration%

eÜvh&ekMy ,dhdj.k ■fuf'pr dju ds fy, IkoZtfud ifjogu Ipyu ;ktuk %Public Transport Operation Plan% dks cuk;k tk,xkA bl rjg dh ;kstuk e dgn çe[k fcan fuEukuqlkj g % &

- IkoZtfud ifjogu d lkfk&lkfk bUVjfefM;sV ifeyd V■liksV %Intermediate Public Transport% iny ;k=h vksj ,u ,e oh %Pedestrians and NMV% nsr gq, ;krk;kr d fofHku lk/kuk d fy; Rofjr rFkk Ilo/kktud bUVjp sat d fodYi %Interchange Options% iznku djukA
- ekI V■liksVzku ds fodYiks %Mass Transportation Options% tSIs esVls@ykbV@eksuk jsy] ch vkj Vh] mPp {kerk oky IkoZtfud ifjogu Isokvksj IkoZtfud ifjogu d vU; lk/kuk d chp vksj iSny ;k=h vksj ,u ,e oh usvod d lkfk leuo; LFkkfir fd;k tk,xk] rkfd eksM V■alQj %Mode Transfer% e yxu oky le; e deh vk IdA

- eYvh&ekMy ,dhdj.k fodflr {k=k ds lkFk&lkFk fodkl d,jhMksjk e lqf{kr} fdQk;rh vksj dbz VktV eksM fodYik %Multiple Transit Mode Options% d çko/kku d lkFk&lkFk vf/kdla'k dE;qVl %Commuter's% ds fy, ;k=k ds le; vksj ykxr dk de djsxkA vfre ehy dufDVfoVh %Last Mile Connectivity% d fy, ,sl eksM fodYi %Mode Choices% fofHkuu ew;k vksj vijke d Lrj %Comfort Level% d vkkj ij çnku fd, tk,axsA
- IHkh ekM d chp fuck/k baVjpsat lfuf'pr djn gq,] ;krk;kr d IHkh lk/kula dk ,dhdj.k djds] çeqlik VktV baVjpsatI %Major transit interchanges% d eYvh&ekMy VktV gc ds :i es fu;kftr fd;k tk,xkA
- eYvh&ekMy ,dhdj.k dsoy Hkkfrd ,dhdj.k %Physical Integration% ugh gksxk cfYd lkotfud ifjogu ls lqlaxr vU; ,dhdj.k rRok tSls fd fdjk;k] lapkj ;k=h lwpuk vkfn %fare, communication, passenger information etc.% d eYvh&ekMy ,dhdj.k es 'kkfey djuk gksxkA

VhvkMh {ks=e fodkI çLrko@yvkmV ;ktuk@VhMh ;ktuk vkfn &

- Ikotfud LFkkuk d fMtkbu] çca/ku vkj fu;ktu e iSny ;kf=;ks= lkotfud ifjogu] ,u ,e oh eksM dls futh eksVjhd'r lk/kuk l vf/kd çkFkfedrk nsxkA
- iwjh rjg l ,dh-r VhvkMh {k= dk lfuf'pr dju ds fy, ,dh-r lkotfud iz.kkyh %Integrated Public System% vfuok; gSA lkotfud ç.kkfy;k d rRok e çkFkfed vksj f}rh;d iSny ;k=h eksZ] lkbfdy eksZ] IMd vkj vls MèY;w iSny ;k=h@ lbdy vkojikl vkj vaMjikl] lkotfud [kyh txg] lkotfud 'kkfky;] VktV LVs'ku vkj cI LV,i 'kkfey gksxkA

### 3. ikfdIx

#### d- Ihfer ikfdIx vkos;drky

VhvkMh VktV&lgk;d mi;ksxk] cts ?kuRo vksj iSny ;k=h mUeq[k fMtkbu ds ek;/;e l vkokxeu d LFkk;h fodYi iznku djrk gS] ftle VktV e ctsrjh gksxh rFkk futh LokfeRo ds ekVjhd'r okgu dh VahI es deh vkk,xhA pid VhvkMh ei okgu d futh LokfeRo es deh ykus dh {kerk g} blfy, VhvkMh {ks=k e ikfdax vko';drkvk dk de dju ds fy, n< fopkj fd;k tkuk pkfg,A fuEufyf[kr j.kfurh;ls ij fopkj dj ds VhvkMh {ks=k d fy, ;älarx ikfdaz ekinaM fd, tk,axsA

- VhvkMh {ks=k e futh eksVj xkMh d mi;ksx dk grksR lkfgr dju d fy, futh eksVj okgu ikfdaz dk mi;qDr :i l Ihfer dju vksj mud fy, foHksn ew; fu/ij.k %differential pricing%A
- futh okgu ikfdax ds fy, lkotfud ikfdax dh vkiiri %vkwu&LVhV gk ;k vkwu&LVhV gks% be it on-street of-street% vksj bZlh,I %bDohosyav dkj lis%

%Equivalent Car Space(ECS)% vko';drkvk dk VktV LV'skuksa@d,jhMksjk ds rRdky {ks= e hfer fd;k tk,xhA vksj ,sl ikfdaz çko/kku VktV LV'skuksa@d,fjMkj is LFku@nwjh ij vksj/kkfjr gksaxA

- Vhvksh {ks= e mPp vksj foHksnd ikfdaz 'Yd] %Higher and Differential parking prices% ikfdaz çca/ku j.kuhfr %Parking Management Strategy% ds Hkx d :i e ekuh tk,xhA ikfdaz 'kqyd fuEu Øe d vuqlkj fHkUu gksax % &
  - vku&LVahV %vkJ vks MèY; d Hkhrj½ & Iokszp
  - v,Q&LVahV ,V xM
  - v,Q&LVahV eYVh ysoy & fuEure
- blh rjg VktV LV'sku @ d,fjMkj dh fudVrk ds lkFk ikfdax 'kYd es of) gksxhA
- VakftV LV'sku @ d,fjMkj ds rRdky {k= es] VktV cIks] vkbZihVh eksM vksj ,u ,e oh d fy, v,u&LVahV vksj@;k ,V xzsM ikfdaz d fy, çkfkedrk nh tk,xhA
- Vhvksh {ks=k e fdlh fodkl d fy, bzlh,I %Equivalent Car Space(ECS)% vko';drkvk dk fu/kkZj.k djr le;] fu/kkfjr bzlh,I e ,u ,e oh] VktV cIks] vkbZihVh ekM vksj nqifg;k okguk d fy, va'k vfuok; :i ls lqfuf'pr fd;k tk,xhA
- Vhvksh {ks=k e v,u&LVahV ikfdaz vYidkfyd vof/k %Short Term% rd hfer gksxk vksj v,u&LVahV ikfdax ds fy, vR;f/kd ikfdaz 'kqyd fu/kkfjr fd;k tk,xhA
- VktV LV'skuksa@d,fjMksjk d rRdky vklilk d {ks= e v,Q LVahV Iko/fud ikfdaz çko/kku% Off Street Public Parking% d grkRlkfgr fd;k tk,xk vkj ;g Vhvksh {ks=k d fdukjs rd hfer gksxkA
- futl eksVj okguk d fy, ikdZ&,&jkbZM fo/kk,a %Park and Ride Facilities% dsoy VktV LV'sku ifjlj e miyè/k djkbZ tk Idsxh] tcfd ,u ,e oh ds fy, bl rjg dh fo/kk VktV LV'sku ifjlj e rFkk Vhvksh {ks=k d Hkhrj vkwu&LVahV ;k v,Q&LVahV %On-street or Off Street% d :i e iznku djkbZ tk IdxhA
- VfeZuy LV'sku vkJ eYVh&ekMy VakftV gc es ikdZ&,&jkbZM fo/kk, %Park and Ride Facilities% çksRlkfgr dh tk,xhA
- Vhvksh {ks=k e Hkh ikfdaz dh vkiir; %v,u&LVahV] v,Q&LVahV ;k v,u&lkB% dk lk>k ikfdaz %Shared Parking% LFku ekuh tk,xhA ,lh ikfdaz vkiwri 'kkldh; ,tIh; ;k futl Moyil@Hife Lokfe;ks@O;kikjh lkks vkn }jk fodflr dh tk IdxhA

[k- VhvlsMh {ks= d ihy pyus ;lsX; Lo:i %Pedestrian Nature½ ds iwjd ikfdazx lyslesaV %Parking Placement½ vij ikfdx Lo:i %Parking Form½

VhvlsMh {ks= e iSny ;k=h;ls dh fo/kk dls cuk, j[ku d fy, ikfdazx LFky ls dk mfpr fM>kbu fd;k tk,xkA

- Vh-vls-Mh- {ks= d fdlh Hkh fodkl e] ekStwnk leqnf;d {ks= ;k iSny pyu ;ks]; okrkoj.k dls izHkkfor fd;fcuk] ikotfud vHQ&LVhV ikfdx LFky rFkk vkwu&lkbzv ikfdazx LFky k dk Hkfe d [k.M l yx gq, U;wure inkuqde d IM+d %Lowest Hierarchy Road½ l igap iznku fd;k tkuk pkfg,A bu ikfdazx LFky k l izkfled xar0;k %Primary Destinations½ tSI VhTV LVs'ku] izeq[k dk;kZy;k d {ks= mPp ?kuRo oky vkoklh; {ks= vkn rd lh/kk ,o fo/kktud iSny ;k=h ekx ifuf'pr fd;k tkuk pkfg,A
- VhvlsMh {ks= e vkwu lkBV] ,V xzsm ikfdazx dk grksRikfgr fd;k tkuk pkfg, vij ;fn ,sl ikfdazx dk çnku fd;k tkuk g rks og e[; ekx vkj vlsM èY; ij izlrfkfor uk djr gq, Hkou d ihNs d fgL l e izlrfkfor fd;k tkuk pkfg,A
- lHkh izdkj d ikfdazx LFky k dk fM>kbu rFkk mudk LFku bl rjg fu/kkijr fd;k tkuk pkfg,] fd çkfled iSny ;k=h :V %Primary Pedestrian Routes½ ij eksVj okgu Ø,flax dh la[;k U;wure gkA ,ls lHkh Ø,flax ij Mkboo %Drive-way½@eksVj okgu ls dh çof"V;ks %Entires½ dls fQfu'M in;k=h rFkk lkbf dy Vd ds Lrj %Finished Footpath and Cycle Track Level½ rd mBk;k tkuk pkfg,A
- lHkh lQsZl ikfdazx LFky k %Surface Parking Spaces½ dk ySMLdsfiax rFkk okwdost %Walk-ways½ d ek/e l NksV [k.Mk e foHkDr dj fn;k tkuk pkfg, vksj lQsZl ikfdazx LFky k ls@rd lqffkr rFkk lh/k iSny ;k=h vkokxeu dk ySMLdsIM okwdost d ek/e l l ek;kftr fd;k tkuk pkfg,A
- Vh-vls-Mh- {ks=k e lkoZtfud [kqy LFkkuk] ikdk] QqVikFkks] lkbf dy Vsdk vksj IMD d vkj vksM èY; e 'kkfey vU; LFkkuk dk mi;kx %tc rd fd vku LVahV ikfdax d :i e fufnV ugh fd;k x;k g% ikfdx d :i e dMhbZ l çfrci/kr fd;k tk,xkA

**4. fu;ksäk vk/kkfjr ifjogu ekx çc/ku %Employer based Transportation Demand Management (TDM) Strategies<sup>½</sup> j.kuhfr;kl dk çksRlkgu**

fu;ksäk vk/kkfjr VhMh,e j.kuhfr;lo futh ekVj okgu d mi;ks de djus] VakftV jkbMj'hi dk c<sup>+</sup>ku d lkFk gh VhVksMh {ks=k e ikfda<sup>z</sup> dh vko';drk dk de dju e Igk;d gksxA ,slh j.kuhfr;kl g<sup>sA</sup>

- VakftV LV'skuk vkSj izeq[kl baVjpsat<sup>k</sup> %Transit Station and Major Interchanges<sup>½</sup> dk jkstxkj dsazk ;k 'k,fjax lsaljk l tkm+u ds fy, LFkuh; 'kVY l Ok %Local Shatal Services<sup>½</sup> ds çkRlkfgr djuka
- dkj&'ks;j@dkj&iwy %Car Share/Car Pool<sup>½</sup> okguk d fy, ikfda<sup>z</sup> LFkyk ei ikf fedrk ikfda<sup>z</sup> LFky miyè/k djku d }jk lkenf;d dkj&'ksvjax vkSj dkj&iwyax %car-sharing and car-pooling<sup>½</sup> dk lqfo/kktud cukukA
- VhMh,e igyk tSI qysDlh&Vkbe volZ] Vsyh odZ] ckbd@okd vw odZ dk;dze vkn %Flexi-time hours, Telework, Bike/Walk to work Programme etc.<sup>½</sup> dk c<sup>+</sup>kok nsukA
- deZpkfj;k d chp VakftV jkbMjf'ki dk;Zdze %Transit Ridership Programme<sup>½</sup> dk çksRlkfgr dju d fy, osru d ,d va'k d :i e ifjogu d lk/kuk ij os/k ;fuolzy VakftV ikksl@vuqnfur fdjk;k %Universal Transit Passes/Subsidised Fare<sup>½</sup> nsu gsn fu;ksäkvls %tli ljdkj dk;ly;] futh dk;ly;] 0;olk; leg vkn% d lkFk dke djuka

#### **6-4 iny ;k=h vkSj yu ye oh&mUe[k fMtkbu**

isny ;k=h vkSj xSj eksVj okgu %,u ,e oh% vudy okrkoj.k VhVksMh dh lcl t:jh vkSj ekf<sup>y</sup>d vko';drk g<sup>sA</sup> lkoZtfud ifjogu 0;olFkk ei mPp fuos'k dk vey es yku gsn isny ;k=h vkSj ,u ,e oh rd lkotfud ifjogu dh igqap dk mPp çkFfedrk nh tk,xhA

##### **1. isny ;k=h vkSj yu ye oh dufDVfoVh**

- VakftV LV'sku@d,fjMkj rd iny ;k=h vkSj ,u ,e oh ds fy, lh/kh dufDVfoVh ds VhVksMh {ks=ls ds iR;d fodk■ çLrkok es lfuf'pr fd;k tk,xkA
- VhVksMh {ks= d fodk■ çLrkok e çkFfed vkSj f}rh;d isny ;k=h :V %Primary and Secondary Pedestrian Route<sup>½</sup> dh igpku djd 'kkfey fd;k tk,xkA
  - çkFfed iny ;k=h :V & ; :V VakftV LV'sku lysVQkek@VakftV d,fjMksj d c l LV,i vkSj VhVksMh {ks= ei çeq[kl isny ;k=h xUr0;k %Major Pedestrian Destination<sup>½</sup> d chp lh/kk lail LFkkfir djr g<sup>sA</sup>

- çkFkfed iNy ;k=h :Vk e pksM lkMokWd■ %Wide Side Walks% vj LVs'ku@d,fjMkj rd igpu oky iNy iqy@ vUMj ik■ LdkbZo,d bR;kfn %Foot Over Bridge/Underpass, Skywalk etc% 'kkfey gksaxA
- f}rh;d iNy ;k=h :V & ;i :V vaktV LVs'ku@d,fjMkj ds fy, lh/k fyad çnku ugh djn g ydu çkFkfed iNy ;k=h :Vk rd duDVfoVh ei lgk;d gksn gSA f}rh;d iNy ;k=h :Vk es lk/kkj.k lkMold■ %Standarded Side Walks% vksj Hkouk d izos'k ,o fofok Hkouk d chp dusd'ku lfEefyr gksaxA
  - mijksä [k.M 6-3 1/2% es mfYyf[kr lkotfud ç.kkyh ds lkHk rRok ds lkFk iNy ;k=h dusfDVfoVh lqfuf'pr dh tk,xh] tk Vhvkmh {ks= d lkhrj iNy ;k=k ei lqxerk çnku djxhA

## 2. lkSny ;k=h vksj yu ye oh&mUe[k fMtcbu %Pedestrian and NMV - Oriented Design%

izns'k d 'kgjk e T;knkrj ;k=k,a tl fd f'k{kk} LFkuh; [kjlnkjh] uscjqM es vodk'k ;k=k, %Leisure Trips within Neighbourhood% vj LFkuh; jkstxj l lacf[kr ;k=k, vfn 'kkVZ fv■ %Short Trips% g ftudh nwjh rhu fdyksehVj l de gSA iNy pyu rFkk lkbdy pyku ;k; okrkoj.k mi;ksdrkZvk dk koZtfud ifjogu rd igapu vksj mDr 'kkVZ fv■ ds fy, pyu vksj lkbfidy mi;kx dju ds fy, çkRlkfgr djrk gSA ,lh 'kkVZ fv■ iNy pydj ;k lkbdy pykdj iwjh dju l] ;k=k dh lexz ykxr d lkFk&lkFk ekVj okgu i j fuHkZjrk lk de gksrh gSA

- ,d llo/kktud] vjkenk;d vksj ljf{kr iNy ;k=h :V ;k ,u ,e oh :V es NksVh] fujarj] ck/kk jfgr] vklkuh ls usfoxsV fd, tkus ;ksX; vj LFkuh; tyok; ds fy, fM>kbUM %Short, Continuous, Barrier-Free, easily navigable and designed for Local Climate% tSlh xq.korrik, gksaxA
- çkFkfed iNy ;k=h ekxi e tyok; vj eile l laj{k.k d rRo %Climate and Weather Protection Elements% 'kkfey gksaxA bu rRok e domZ ofVax ,fj;k] fcfcYMax izkstsD'ku l] vkdMl^ ,o dkWyksusM %Covered Waiting Area, Building Projections, Arcades and Colonnades% vaktV LVs'ku@c l LV,i rd dom okWd&ost ;k vksoj ikls@vamj ikls %Covered Walk-ways, or Over-passes/Under-passes% yWUMLdsfix dk mi;kx vfn 'kkfey gksaxA ;i fMtcbu rRo %Design Elements% vaktV LVs'ku@c l LV,i l vku tku rFkk izrh{k k dju gsr llo/kktud gksaxA
- ,u ,e oh rFkk lkbdy d :V~l dks] VtV LVs'ku@dkwjMksj d okgu Mwi&vkWQ >ksu %Vehicle Drop-off Zones% ;k c l LVkwi l utnhd ijar Hkksrd :i l

vyx fLFkr fd;k tk,xk rkfd V<sub>k</sub><sub>a</sub><sub>t</sub>V ;k=h rFkk Ikbfdy pyku oky d chp laHkkfor Vdjko ls cpk tk IdA bIls Ikbfdy pkydls vij ,u ,e oh :V ds mi;ksxdrkZvk d vkokxeu gsn V<sub>a</sub>kftV LVs'ku] ,u ,e oh ikfdazx vksj Ikbfdy ikfdazx I LFkuh; Iaidk d lkFk lh/k Iaid Iuf'pr gkxkA

- VhvlsMh {ks= d fodk■ çLrko iny ;kf=;k] Ikbfdy pkyd] ,u ,e oh vksj IkoZtfud ifjogu mi;ksxdrkZvk d fy, i;kzr Ifo/kk, çnku djsxkA
- Hkouk d chp in;kf=;k gsr vklku iSny ;k=h igap d fy, ,W&xz; ;k Åijh eätyk ij vklku igap Lfkfir dju rFkk vklkuh I pyu ;ksX; :V^l cuku d fy; Hkouk dk vki l e lewg cuk;k tk,sxkA
- bu :V<sub>k</sub> ij Hkouls dls IMd dh vij mUeq[k fd;k tk,xk] IM+d d fdukjs Ihekar [kqyh txg %,e vls ,1½ U;ure j[kh tk,xh vij Hkouls d izos'k IkbMokWd dh vksj mUeq[k gksax rFkk Hkouk e lh/k tku oky izos'k gksax tk IkbMokWd I t<sub>q</sub>M jgsaxA vkdz;M cuku dh voLFkk e IM+d fdukjs ,evls, dk çko/kku vfuok; ugh fd;k tk,xkA
- I Hkh IM+d rFkk elx v/kkslajpu d izLrkok vkj fMtgbuk dls Hky gh dk;luo;u ,stsah Ijdjh ,tsalh gks] ,e ih ,e vkJ lh ,y@ekl V<sub>k</sub><sub>a</sub><sub>t</sub>V ,stsah }jk Mhih d çko/kku d v/khu vfuok; :i I vuefnr fd;k tk,xkA

### 3. cpho rFkk Ij{kk

- VhvlsMh {ks= d fodk■ d izLrkok e iSny pkyu dk c<sub>4</sub>kok nsus] IM+d Lrj dh xfrfot/k e of) dju vksj Iqj{kk çnku dju d fy, IM+d ds Lrj dh xfrfot/k;k] tSls g,fdx tku] Hkwry ij QqVdj nqdku vklfn dk fuek.k fd;k tk,xkA
- VhvlsMh {ks=k d Hkouk d Hkry e ,sl mi;ksx gksax tk iny ;kf=;k dk vkdft"kr dj tSI QqVdj nqdku fut h Iok, jsLVkWjUV] vkmVMksj dsQ rFkk vkokIA
- VhvlsMh {ks= d fodk■ d I Hkh izLrkok e ckamMh oky ds fuek.k dk grkRlkfgr fd;k tk,xk] ftII IM+d ij pgy&igy rFkk vukSipkfd fuxjkuh jgA

### 6-5 çR;d V<sub>k</sub><sub>a</sub><sub>t</sub>V LVssku@ dkWjhMksj {ks= dk yd ^vuqBk LFkku^A cukuk

çR;d V<sub>a</sub>kftV LVs'ku@d,fjMkj {ks= dk ,d vuB i;koj.k ds :i es fodflr fd;k tk,xk] tk fd O;ogkfjd V<sub>a</sub>kftV ukM dk ,d Ikeqnf;d ços'k }kj vksj xfrfot/k;k dk ,d thoar fefJr mi;ksx d gc e cnysxkA

1. **xfrfot/k;ka vksj mi;ksx**

d- “fnu&amp;jkr” pyu okyh xfrfot/k;ka dls ckRkfgr djuk

½Encourage “Round the Clock” Activities½

- VhvlsMh {ls= ds fodkI ds izLrkok e iwjis le; lfØ; ekxi rFkk foJke d iLkxd LFkyk dk c<sup>l</sup>kok nsu d ek;/e lqjf{kr] thor] lqfo/kktud 'kgjh ^LFku\*\* cuk;k tk,xkA
- VhvlsMh {k= e lHkh IMd] lkoZtfud [kqy {ks=] m|ku] ikfdzax vksj mijlsä [k.M 6-3 ½ d vuqlkj lkoZtfud i.kkyh ds vU; rRo] fnO;kax ukxfjd dh t:jrk dls fo'ls" /;ku j[kdj] lkoZkked :i l igap ;ksX; gksaxA

[k- **IM+d ij vuksipkfjd fuxjkuh dh j;oLFkk**

- VhvlsMh {k= ds fodkI ds cLrkok es] IM+d l yx gq, Hkouks@idax.k d ckmMokWY dk gVkr gq, vksj IMd d vkj vksM èY; d fdukjs rd leku Hkou fuek.k j[kk cukdj IMdk ij vuksipkfjd fuxjkuh lqfuf'pr dh tk,xhA ;g lkoZtfud LFkyk ij no;ogkj] /kqy dksus] y?kq'kadk vknfn dk grksRlkfgr djsxkA
- VhvlsMh {ks= e ckmUMh cky jfgr fefJr mi;ksx] IM+d d fdukjs rd Hkou fuek.k j[kk] U;ure IM+d fdukjs dh lhehr [y h txg ¼, evk, ½ ;k lhehr [ky h txg ¼, evk, ½ jfgr IMd fdukj vksj IMd fdukjs ikjn'ki QstU lax d lkFk&lkFk vU; vuksipkfjd vksu&LVIV xfrfot/k;k tSI g,dj {ks=] lkoZtfud LFkkuls dh lgt fuxjkuh iznku dju e lgt;d gksaah A
- ,lh IM+d d fdukjs rd fefJr mi;ksx Hkou fuekZ.k d lkFk vksuM d ckRlkfgr fd;k tkuk pkfg,A

x- **lkoZtfud [y h LFkyk dk jpukRed mi;ksx**

- lkoZtfud [kqy LFkyk dk fodkl] bl rjg l fd;k tk,xk] fd og VhvlsMh {ls= d fodkI dk ifjiwjd gksA ;g VhvtV LVs'ksa@dkWjhMksjk dk] ,d lkoZtfud LFky ds ni e egRo nsr gq,] ,d lfo/kktud rFkk :fpikw.k izrh{k@Mti&vkQ {ks= ½Waiting/Drop-off Area½ d lkFk&lkFk LFkkuh; leqnk; d fy; ,d xWnfjax LFky ½Gathering Place½ iznku djsxkA
- VhvlsMh {ls= d fodkI d izLrkok e lk;kzr ekxi o{kkjksi.k] Hkouk d ,Mt VhvtV l lkoZtfud LFkyk dk Nk;du ½Building edge Treatment to facilitate Shading of Public Realm½] [kqy LFkyk ds mUeq[kh dj.k vknfn ds ek;/e l tyok;q&laosnu'hy ½Climate Sensitive½ ekxi rFkk lkoZtfud [kqy LFkyk dk fuek.k fd;k tk,xkA

## 2. **ieq[k bekjr dk egRo nsuk**

- Vh-vk-Mh- {ks= e lkotfud ;k ieq[k bekjr ½vFkkZr LVs'ku] cM okf.kfT; d Hkou] çe[k vkoklh; Hkou½ n'kZuh; ySMekd ½Visible Landmark½ LFky gksaxA bu bekjr dk js[kdu fof'k"V fMtkbu QhpIZ ½Distinctive Design Features½ ½vxzHkkx] :Q ykbu bR;kfn½ I fd;k tk,xk] tk fd {ks= dh igpku cuxA

## 3. **fM>kbu yo yLFksfVD ½Design and Asthetics½**

### d- **LVhV vj Cyld ysvkmV ½Street and Block Layout½**

- Vh-vk-Mh- {ks= fodkI çLrkok d fMtkbu cukr le;] ubZ IM+dk vksj iny ekxk dk fojeku LFkuh; IM+d iVul es 'kkfey fd;k tk,xkA
- Vh-vk-Mh- {ks= dh I Hkh IM+dk ij IMd d nksuk fdrukij ij kbZM&okWd~l gksax] tk mPp ek=k dh iny ;k=h xfrfok;k dk lek;kstr dj ldn g vksj mudk ysvkmV VakftV LVs'ku@d,fjMkj dh vkj mUeq[k gkxkA
- ekxk rFkk Hkouk dk foU;kI tgk rd ldko gk Id] ,lh jpu k ls fd;k tk,xk] ftII euksgh n'; dk fuekZk ½Create Vistas½ gk vFkok n'; dk fdlh ySMekdZ Qhpj ½Landmark Feature½] Hkou ;k lkotfud LFky dh vksj dUnzr djsaA

### [k- **Hkou fMtkbu fooj.k**

Vh-vk-Mh- {ks= e Hkou dk ;g Iuf'pr dju d fy, fMtkbu fd;k tk,xk fd iny ;k=h lqerk lcl egRo iwk gSA

- Hkouk d izo'k }kj vksj f[kM+d;k IM+d dh vj mUeq[k gkxh rkfd ço'k dju e vklkuh gks] s'; :fp cu vksj vuksipkfjd fuxjkuh I c<sup>th</sup> g<sup>th</sup> lqj{kk inku dh tk IdA
- iSny ;k=h d fy; s'; :fp çnku dju gsr Vh-vk-Mh- {ks=k e Hkouk d fupyryk ij okLrqdyk d fofo/k QhpII ½Variety of Architectural Features½ dk mi;kx fd;k tk,xkA
- kbZM&okWd~l d lck ekuo iSeku ½Human Scale½ dks cuk, j[ku rFkk lkotfud ekxk ij Hkouk dh Nk;k d iZkk dk de dju ds fy,] 4&5 eaftyk I vf/kd mpkb okyh Hkouk dh Åijh efty Ikeus dh vkj ls ihNs gVdj fufeZr gkxhA

## 6-6 LFkuh; Ieqnk;k ds nHk e fu;ktu

### 1. Ikenkf;d Hkkxhnkjh

LFkuh; Ienk; d yksx] Ienk; d fy; vko';d Iokvks ,o fo/kkvks] vkokI d izdkj] ceqk iSny ;k=xUr0;k rFkk vknr] ikfdaz çca/ku vkn i j eY;oku LFkuh; Kku çnku dj Idn gSA

- fdIh Hkh fu;ktu %Mhih] ijhfs=d ;stuk; ;k Icotfud ,tIh@futh fodklr }jkj ikjaHk dh xbZ VhvksMh ysvkmV ;stuk; dh izØ;k e fdIh fo'ks"k IkbV ;k {ks= I lacaf/kr egRoiw.k LFkuh; eqmirk dh ,d IekU; Ie> Ifuf'pr dju ds fy, ;stuk idz;k d ikjaHk I gh] LFkuh; Ieqnk;k d lkfk i jke'k djuk vko';d gA
- LFkuh; Hkw&Lokeh;k vij Ienk; d VhvksMh {ks= ;stuk dh fu;ktu idz;k e IgHkkxh cuk;k tkuk pkfg,A

### 2. Ieqnk; dh vkos;drky

- VhvksMh {ks=k e u; fodkl e LFkuh; Ieqnk;k d fy, vko';d Isokvk vksj fo/kkvks d çnku fd;k tkuk pkfg,A ble u; vkokI d izdkj tk fd Ieqnk; d tullk[;dh dk IikV djsa] jktxkj d fodYi] QqVdj Isok fo/k; vj O;fäxr Iok;] Icotfud IHkk d LFkuu vkn 'kkfey gksaxA
- VhvksMh {ks= d fodkI e ,d iSny pyu ;ksX;] ,sl thoar {ks= dk fuekZk fd;k tk,xk] tk ekStwnk {ks= dk ifjiwjd gk rFkk mId LFkuh; Lo:i dk mHkkjsA

## 7- eq[; dk; {ks=

### 7-1 Hkfe

fu;ktu] fodkI vkj fofu;ked ,tsalh] VhvksMh {ks=k e vkokI] jkstxkj vksj vu; 'kgjh Iokvks d çko/kku ds fy,] iHkkoh Hkfe vf/kxzg.k ekWmyI %Efficient Land Acquisition Models% rs;kj djsaxs] tI fd Hkfe I>kdj.k %Land Sharing% Hkfe iyyax %Land Pooling% Hkfe foy;uk %Land Amalgamation% HkwkaM iquxBu %Plot Reconstitution% vksj vu; fodYiA

VhvksMh fu;ek vksj fofu;ek d vkkj ij] fu;ktu] fodkl vij fofu;ked ,tsalh,] Hkfe ds ,d fuf'pr fgLI dk bZMèY;w,I@,yvkbZth vkokI %Housing for EWS/LIG% ds fy, ,QksjMsry jsV% %Affordable Rates% ij nsu gsr fpfUgr djsaxhA

Hkfe dk ,d nqyHk talk/ku %Land as a Scarce Resource% d :i e n[kr gq.] VhvksMh {ks=k e 'kgjh Hkfe dk mi;sx fofu;fer %Regulating use of Urban Land% dju dh

vko';drk g rkfd] Hkfe dk mi;kx vklVhee Lrj %Optimum Level½ rd gk( ftle vklVhee Lrj I de mi;kx dh fLFkfr es nfMr vkj fdlh fo'k"V le; vof/k es vklVhee Lrj rd mi;kx dh fLFkfr es inLd'r fd;k tkuk pkfg;A

VhvlsMh {k=ls dk Vh Mh vkj %Transferable Development Rights (TDR)½ fu;ek vksj fofu;ek d nk;js ei fj|hfox ,fj;k %Receiving Area½ vlsj bUQiyal ,fj;k (Influence Area) dh rjg vf/kwfpr fd;k tk ldxkA I{ke vf/kdkfj;k }jk iFkd Vh Mh vkj fofu;e r;kj fd, tk,x vkj Vh Mh vkj uhfr e lqlaxr çko/kku fd, tk,xA

## 7-2 foÙk

'kkldh; Hkfe ij VhvlsMh yvkmVl~] Hkfe dls ,d lalk/ku d :i ei mi;kx djn gq, VktV Isokvk dk lqñ< cuku @mUkds foLrkj vksj lcf/kr iwatchxr 0;;k gsr foÙk dls tqvkui ds fy, rs;kj fd, tk,xsA ,slh ifj;stukvls d foÙkh; e,Myl~] lkotfud v/kkslajpuk] koZtfud ifjogu lio/kvk rFkk ,slh ifj;stukvk ei fdQk;r h vkokl d fy, forj.k r= %Delivery Mechanism½ lqfuf'pr djxkA

VhvlsMh {k=] Hkfe ewY; dWlpj QkbukI esdWfu>e %Land Value Capture Finance Mechanism½] ls Hkfe ewY; d vuyfdfx %Unlocking of Land Value½ dk iksk kfgr djsxk vksj v/kkslajpuk fodkI vksj Isok izk; ei futh fuos'k dk vkdflzr djsxkA bu Hkfe ewY; dWlpj QkbukI esdWfu>e] ei ,Q , vkj ykhk %FAR Benefits½] Hkfe ewY; dj %Land Value Tax½] Hkfe mi;kx cnyu ds fy, 'kYd] I/kj 'kYd %Betterment Levy½] fodkl 'kYd %Development charges (Impact fees)½] Vh Mh vkj %Transferable Development Rights (TDR)½] fjä Hkfe dj %Vacant Land Tax½] VWdI bafØesav Qkbukflax %Tax Increment Financing½] Hkfe vf/kxzg.k vksj fodkI] yll iyyax ç.kkyh %Land Pooling System½] ;k vU; lakkfor ykhk tk fu;ked çkf/kdj.k ns ldr g vkn lEefyr g ijar bur rd lher ugh gSA

mijksä foÙkik;k.k r= I mRiuu vkJ] MfMdVM vcZu Vl|iV QaM %Dedicated Urban Transport Fund (DUTF)½ ei vftZr dh tk,xhA bu jktLo l=ksr dh igpku VhvlsMh {k= ei 'kkfey Hkfe d ,d VqdM ij izklr ykhk ij vkJkjr gkxhA

## 7-3 v/kkslajpuk

uxj fuxe@uxjikfydk@uxj ifj"kn ;k ek VktV ,tsah vkn tsh 'kgjh Isok forj.k ,stsah;k dk ;g lqfuf'pr djuk gksxk fd%&

- ckmu QhYM VhvlsMh {k= %Brownfield TOD Areas½ ei Vad v/kkslajpuk dk lqñ<hdj.k %Strengthening of Trunk Infrastructure½ g] rkfd okfNr fefJr mi;kx vksj ?kuRo d Lrj dk dk iir fd;k tk lda

- xhu QhYM VhvlsMh {ks=k e okiNr fefJr mi;ksx rFkk ?kuRo d Lrj ij v/k/kfjr] ,dhdr v/kksIjpuuk rFkk lOK 0;oLFkk dh ;stuk %Integrated infrastructure and services system Plans% cuk;h tk,] ftle lHkh 'kgjh lsovk d fy; Hkfe dh vko';drk fpfUgr g®A
  - VhvlsMh {ks=k d fodkl d izLrkok e v/kkslajpuuk d iko/kku] tgg rd lHko gks] fodstUnzr v/kkslajpuuk %Decentralized Infrastructure% dk lfuf'pr dj] rkfd fo|eku V®ad v/kkslajpuuk %Existing Trunk Infrastructure% ij izHkko de fd;k tk Id lFk gh nhñZdkfyd LFkk;Ro ,o lIk/ku dk;{kerk %Long term sustainability and resource efficiency% gkfly dh tk ldsA
- ,sl V®ad v/kkslajpuuk ds lqñhdj.k d çLrkok vksj ,dhdr v/kksIjpuuk rFkk lOK 0;oLFkk dh ;stukvk dk fu;tu vksj dk;uo;u Mhih çLrkok vksj VhvlsMh {ks= ijh{kf=d ;kstukvk ij v/k/kfjr gksxhA

VhvlsMh fu;e vksj fofu;e ds ek/;e l %&

- VatV LVs'ku@d,fjMksj {ks=k ds fodkl ds çLrko es LFkk;h is;&ty] Åtk] ey ty fudk■ h] o"kkz ty fudklh vksj Bksl vif'k"V çca/ku vksj lapkj ç.kkfy;k lfuf'pr gksxhA
- jsu okWj gkoLVx %Rain Water Harvesting% dk ySMldsiax rFkk lkoZtfud [kay LFkkus dh j.kuhfr d lFk lEuo; lfuf'pr fd;k tk,xkA

## 8- fofHkUu yt■lh;k dh Hkfedk vkJ mÙkjnkf;Ro

### 1. uxjh; fodkl vlsj vkokl foHkkx

- VhvlsMh uhfr rS;kj djuk]
- e/;çns'k uxj rFkk xde fuos'k vf/kfu;e 1973 vkJ bld v/khu fu;ek e l'ks/ku]
- e/; çns'k Hkfe fodkl fu;e 2012 e la'ks/ku]
- VhvlsMh d fy, vyx v/;k; le;kftr djrs g, fofHkUu fodkl ;stukvls dls rS;kj@la'ksf/kr djuk ftle] VhvlsMh dls lke dju vlsj VhvlsMh dk dk;uo;u dju ds fy, çko/kku vlsj l'ks/ku d lFk gh VhvlsMh d tksfuax jsxqys'kal %Zoning Regulations%] fofHkUu mi;ksx@xfrfot/k; gsr fodkl fu;eu %Development Controls% rFkk lc&fMohtu@veyxe'ku fu;eu %Subdivision/amalgamation regulations%] fofHkUu mi;ksx@xfrfot/k; gsr Hkou fuek.k mifu;e %Building bylaws% rFkk fM>kbu xkbMykbul~ %Design guidelines% 'kley gksxhA

## 2. uxj rFkk xzke fuos'k lapkyuky;

- e/;çns'k uxj rFkk xie fuos'k vf/kfu;e 1973 dh fofHkUu /kkjkvls v̄kj b̄d v/khu fodk̄ ;ktukvk@fu;ek e ,e ih ,e vkj lh ,y@ek̄ V̄k̄ftV̄ ,t̄lh ds ijke'k lh l̄ks/kuA
- V̄hv̄ksMh d fy, vyx v;/k; lek;ksftr djr̄ gq, fofHkUu fodk̄ ;kstukvk dk ,e ih ,e vkj lh ,y@ek̄ V̄k̄ftV̄ ,t̄lh ds leuo; lh rS;kj@l̄akksf/kr djuk ftle; V̄hv̄ksMh dls l̄{ke dju v̄kj V̄hv̄ksMh dk dk;luo;u dju d fy, çko/kku v̄kj l̄akks/kuk d l̄kfk gh V̄hv̄ksMh d tksfuax jsxqys'kal [%Zoning Regulations%] fofHkUu mi;kx@xfrfof/k;k grq fodk̄ fu;eu [%Development Controls%] rFkk lc&fMohtu@veyxe'ku fu;eu [%Subdivision/amalgamation regulations%] fofHkUu mi;kx@xfrfof/k;k gsr̄ Hkou fuelz.k mifu;e [%Building bylaws%] rFkk fM>ku xkbMykbul~ [%Design guidelines%] 'kkfey gksaksA
- ,eih ,e vkj lh ,y@ek̄ V̄k̄ftV̄ ,t̄salh d leuo; e V̄hv̄ksMh {ks=k e fodk̄ dk c<kok nsuk] fu;a=.k vksj fofu;eu djukA

## 3. fodk̄l çkf/kdj.k] v̄k̄okl v̄ksj v̄/kkslajpuk fodk̄l cksMz] ye ih ye v̄kj lh yy] ek̄ V̄k̄ftV̄ ytsalh v̄kj vU; ijk&L\$Vy ytsalh

- V̄hv̄ksMh {ks=k e V̄hv̄ksMh {ks= ijh{ks=d ;ktukvk] V̄hv̄ksMh yvkmV lyku@V̄hMh ;ktukvk@V̄hih ;ktukvk@iufodk̄ ;ktukvls v̄kfn dls rS;kj v̄ksj mUdk dk;luo;u djukA ,slh ;kstuk, ,t̄salh;k lo; dh {kerk e ;k Hk̄fe ekfydksa@Msoyi ll d l̄kfk lk>snkjh e t̄slk t̄:jh ḡ rS;kj v̄ksj dk;k̄uoRk dj IdsaahA
- V̄hv̄ksMh {ks=k e V̄hv̄ksMh {ks= ijh{ks=d ;ktuk dk v̄k/kkj ij v̄ksj muds dze'k% {ks=kf/kdkj d vuqlkj V̄ad v̄/kkslajpuk d l̄qñ.k d çLrkok v̄ksj ,dhdr v̄/kkslajpuk rFkk l̄ok 0;olFkk dh ;kstukvls dk rS;kj djuk v̄ksj mudk dk;k̄uo;u djukA

## 4. uxj fuxe@uxj ikfydk@uxj ifjtn

- V̄hv̄ksMh {ks=k v̄ksj t̄ksfux jsxqys'kal [%Zoning Regulations%] dk 'kkfey djr̄ g, ijh{ks=d ;kstukvls dls r;kj@l̄ksf/kr djukA
- ek̄ V̄k̄ftV̄ ,stsalh d ek;/e l̄ V̄hv̄ksMh {ks= d fy, V̄hv̄ksMh {ks= ijh{ks=d ;kstukvls dk rS;kj@l̄akksf/kr djukA
- V̄hv̄ksMh {ks=ks e Hkou fuelz.k xfrfof/k;k dls c<kok nsuk] fu;a=.k v̄kj fofu;eu djukA

- VhvlsMh {ks=ls e] VhvksMh {ks= ijh{sf=d ;kstuk d v/kkj ij vksj mud dk; dze'k% {ks=kf/kdkj d vuqlkj V^ad v/kkslajpuk d Iqñ- 5. **e/;çnssk esVki jsy daiuh fyfeVsM ¼ye ih ye vkJ**  
**Ih yy½@ek■ VktV ytsalh ¼esVki jsy@ykbV jy@eksuk jy@ch vkJ Vh@mPp {kerk IkoZtfud ifjogu lsoky½**
- uxjikfyd fuxe@uxj ikfydk d Igk;rk ls VhvlsMh {ks= ijh{sf=d ;kstukvls dls r;kj vksj fØ;kuo;u djukA
- VhvlsMh {ks= e yvkmV ;kstuk dk vuqeksnuA
- IkoZtfud ifjogu ¼esVki jsy@ykbV jsy@eksuk jsy@ch vkJ Vh@mPp {kerk IkoZtfud ifjogu lsoky½ vkbZihVh] ikfdaz] iSny ;k=h vksj ,u ,e oh Ifo/kkvls vksj futu eksVj okguk Ifgr 'kgjh ifjogu dk fu;stu] çorzu vkJ fofu;euA
- VhvlsMh {ks=ls e Hkou fuekz.k xfrfok;k dls c<kok nsuk] fu;=.k vksj fofu;fer djukA
- ,dh-r eYVh&ekMy IkoZtfud ifjogu Iapkyu lsok ;kstuk dk rs;kj djuk vksj mudk dk;luo;u djukA
- ,dh-r Iok fu;ktu ds ek/;e I ihVh IokvksMh ds eYVh&ekMy ,dhdj.k dk lqfuf'pr djuk vkJ çca/ku djukA
- VhvksMh {ks=k e IM+dk elxki vksj Hkou fuekz.k@fodk■ dk fofu;fer djuk vksj ;g Iqñuf'pr djuk fd 'kgjh IM+dk vksj Hkou dk fu, ykx Iqgrkvh dk ,s1 fuek.k@fodk■ ds nkjku vuikyu fd;k tk jgk gSaA
- VhMh ;kstuk@Vhih ;kstuk dk rs;kj djuk vksj mudk dk;luo;u djuk vksj VhvlsMh {ks=ls e mijkä ;kstukvls d v/khu Lo; {kerk e ;k Hkje ekfydk@MsoyiI d Ikfk Hkkxhnkjh e r;kj fd, x, ysvkmV dk vuqeksnuA
- MsiMdsVsM vcZu Vialiv QaM ¼Dedicated Urban Transport Fund (DUTF)% dk ç'kklu vkJ çca/kuA