



THE ASSAM GAZETTE

অসাধাৰণ

EXTRAORDINARY

প্ৰাপ্ত কৰ্তৃত্বৰ দ্বাৰা প্ৰকাশিত

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GOVERNMENT OF ASSAM
ORDERS BY THE GOVERNOR
OFFICE OF THE GUWAHATI METROPOLITAN DEVELOPMENT AUTHORITY

NOTIFICATION

The 12th October, 2022

No. GMDA/GEN/150/2022/90.-

NOTIFICATION FOR PUBLICATION OF POLICY OF TRANSIT ORIENTED DEVELOPMENT (TOD) FOR GUWAHATI METROPOLITAN AREA

Whereas the National Transit Oriented Development (TOD) Policy has stressed on integration of the land use and transport planning for sustainable, high density mixed used development along the transport corridors and nodes with the aim of having walk able and liveable communes ,access to open green and public spaces and at the same time transit facilities are efficiently utilised.

Whereas, TOD increases the accessibility of the transit stations by creating pedestrian and Non-Motorised Transport (NMT), environment friendly infrastructure that benefits large number of people, thereby increasing the ridership of the transit facility and improving the economic and financial viability of the system. Since the transit corridor has mixed land-use, where the transit stations are either origin (housing) or destination (work), the corridor experiencing peak hour traffic in both directions would optimize the use of the transit system.

Whereas, Government of India, has identified the formulation and implementation of a TOD policy in achieving planned urban development and identified it as major mandatory reform for achieving Special Central Assistance for Capital projects for 2022-23.

Whereas , Guwahati Metropolitan Development Authority, has formulated this TOD policy, applicable for the entire Guwahati Metropolitan Area, in the light of the TOD policy for the State excluding the Guwahati Metropolitan Area & other areas notified vide No. UDD(T)270/2022/25 and dated 28.09.2022 , and in pursuance to reforms agenda of the Govt. of India , for guiding the modification/amendment of the master plan of Guwahati Metropolitan Area and inclusion of relevant provisions in the Building Byelaws, in order to achieve the objectivity of the TOD policy and facilitate implementation of the policy in the field.

In this context, Guwahati Metropolitan Development Authority, is hereby pleased to notify the Transit Oriented Development (TOD) Policy for Guwahati Metropolitan Area, on the basis of approval accorded by Govt. vide No. ECF No. 215823/1 dated 07.10.2022 which is annexed as Annexure-I.

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ANNEXURE-I

Policy for Transit Oriented Development (TOD) Policy within Guwahati Metropolitan Area

1. Background

- 1.1. Urbanization has led to horizontal growth of the cities thus creating problems of urban sprawl. This has resulted in increase in trip lengths and higher usage of private vehicles, problems of pollution, and increased demand for infrastructure. To address these issues, many cities have strengthened their public transport by developing mass rapid transit systems (MRTS) such as metro rails and Bus Rapid Transit Systems (BRTS). It is, however, important to efficiently use these systems by integrating the land use with the transport infrastructure to make the cities liveable, healthy and smart.

2. Transit Oriented Development (TOD)

- 2.1. Transit Oriented Development is essentially any development, macro or micro that is focused on the integration of land use and transport planning and aims to develop planned sustainable urban growth centres, having walkable and liveable communes with high density mixed land-use. Citizens have access to open green and public spaces and at the same time transit facilities are efficiently utilised.
- 2.2. TOD increases the accessibility of the transit stations by creating pedestrian and Non-Motorised Transport (NMT) friendly infrastructure that benefits large number of people, thereby increasing the ridership of the transit facility and improving the economic and financial viability of the system. Since the transit corridor has mixed land-use, where the transit stations are either origin (housing) or destination (work), the corridor experiencing peak hour traffic in both directions would optimize the use of the transit system.
- 2.3. The primary goals of TOD are to –
 - (i) Reduce/discourage private vehicle dependency and induce public transport use – through design, policy measures and enforcement.
 - (ii) Provide easy public transport access to maximum number of people within walking distance – through densification and enhanced connectivity.

3. TOD Zones

- 3.1. In order to ensure optimum utilization of scarce land resources and to provide opportunities for restructuring through Mixed Land-use along the Mass Transit corridors, Transit oriented Development (TOD) will be allowed. TOD Zones will be the area in immediate vicinity of the mass transit stations, i.e. within a walking distance and also well integrated with bicycle, feeder and transit networks. TOD Zones shall be demarcated in the Master Plan describing overall objective, Land-use and Transport strategy, provisions, and incentives for promotion of TOD.
- 3.2. The TOD Zone designated up to 800 meters in and around the MRTS, BRTS or Transit Stations is proposed. It is to be clarified that in general 800 meters will be calculated from the boundaries of the MRTS or BRTS stations. For transit corridors along MRTS or BRTS, TOD zones shall be designated as 100-200 meters on either side of the corridors, barring restricted areas as per provisions of Master Plan.
- 3.3. In areas, where there are no MRTS or BRTS corridors or stations exists, the TOD Zones shall be designated as 100 -200 meters on either side of the Bus Transit System/ Transit Corridors as demarcated in the Master Plan based on physical condition, trend of development , availability of land.

4. High Density Compact Development

- 4.1. TOD promotes densification in the influence area by providing higher Floor Area Ratio (FAR) to support higher population and job density as compared to the area around and beyond the TOD Zone. FAR in the TOD zone in transit corridors along MRTS or BRTS or other public transit corridors, and nodes, as mentioned above shall be additional 40% on the maximum permissible FAR of the zone/plot, subject to a capping of maximum FAR of 400, including all. However maximum FAR in all the TOD zones shall not exceed 400. This will promote higher concentration of people within the walking distances of transit station, thereby increasing the ridership of the public transport and resulting in increased fare revenue, pollution and congestion reduction.

Detailed calculation of additional FAR and break-up of maximum FAR allowed against different uses and other details are given below:

Let,

For Transit Zone –

<i>Base FAR as specified in Bye Law</i>	= <i>A</i>	
<i>Premium FAR as specified in Bye Law</i>	= <i>B</i>	
<i>Additional FAR</i>	= <i>C</i>	= 40% of (<i>A+B</i>)
<i>TDR FAR as per TDR Policy</i>	= <i>D</i>	
<i>Total FAR allowable in TOD</i>	= <i>M = (A+B+C+D)</i>	<i>which shall not exceed FAR 400</i>

Note : Additional FAR is allowed in plot more than 2000 sq.m abutting a road of minimum 10m subject to maximum 400 FAR.

- 4.2 Any FAR over and above the base FAR shall be treated as premium FAR and shall be charged at the rates as provided in the building bye-laws.
- 4.3. TDR shall be applicable to TOD zones for densification but shall be limited to FAR 400 in total.
- 4.4. No Compound wall/ Fencing shall be permissible on the boundary of the plot facing the road and 50% front marginal distance (subject to a minimum of 3.0 meters) shall be kept accessible to the pedestrians. However, it shall be permissible for the applicant to accessible to pedestrian. However, it shall be permissible for the applicant to construct/erect fencing on the receded boundary, after leaving the space for pedestrians as specified above.
- 4.5. Wholesale stores, car dealer showrooms, warehouses, storages, auto service centres, Garages, etc. shall not be eligible for benefits under this TOD policy.
- 4.6. In case of independent unit/ Bungalow for self-use such development/ Redevelopment may be allowed within permissible FAR as per the existing Building Bye-laws. The benefits of enhanced FAR provided under TOD Zones shall not apply.
- 4.7. Encourage amalgamation and reconstitution of plots for utilization of higher FAR with allowing incentives such as no charges for approval of plans, etc.
- 4.8. If minimum of 50% of a plot area or amalgamated plot falls within the transit zone or corridor or influence area of the identified nodes or corridors, it will qualify for the TOD benefits.

- 4.9. Higher FAR permissible along the Transportation Corridors and around the nodes as specified will not be allowed in areas identified as Eco-Sensitive Zone, Eco-Zone, Green Belt, as notified in the Master Plan and also in the notified hills and water bodies, even if these areas come under the TOD zone of Transport corridor or identified nodes.
- 4.10. In case of any dispute on interpretation of this policy, decision of the authority shall be considered as final.

5. Diversity

- 5.1. TOD zone shall be designated as mixed-use zone. Transit stations shall be classified based on typologies and mix of land-use that optimises level of density shall be encouraged. The land use such as mixed land-use, affordable housing, employment nodes and recreational facilities/malls shall be encouraged to support TOD. The land-use such as low density housing, free parking and surface/multi-level parking, petrol pumps/CNG stations, automobile garages, warehouses and cremation grounds that does not support TOD shall be discouraged.
- 5.2. Mixed land-use integrated development shall be promoted for plot area more than 2000 sq.m. (with combination of housing for various income strata, commercial development, road and other infrastructure). In such developments, maximum 50% shall be allocated for Non-Residential (Commercial, Public and Semi Public and Institutional), and 50% as per existing zoning. In any zone, minimum 30% shall be reserved for residential purpose. Charges for premium FAR shall be exempted for affordable housing projects.
- 5.3. The mixed-use development has to mandatorily incorporate affordable housing and open spaces/circulation areas. In order to promote affordable housing, out of the 30% of residential use, a minimum of 30% of the built-up area shall be utilized for EWS and LIG housing up to 66 sq. m. built-up area in the TOD Zones.
- 5.4. Open space is critical to offset the impact of dense mixed-use developments and improve the environment and quality of life. Regulations may be framed to mandate the developer to allocate at least 10% of the land abutting the road for plot sizes more than 2500 sq.m. for the development of parks or open public spaces that are accessible to the general public subject to fulfilling the provision at Sl. No. 4.4 whichever is more.

6. Destination Accessibility

- 6.1. In order to improve the destination accessibility, roads along the mass transit corridors and other public transport corridors shall have a minimum ROW of 24 m. At least one road on each side of the station which acts as a feeder road shall have a minimum ROW of 10m. The alignment, ROW and influence zones for Bus Rapid Transit System, Metro Rail Transit System and Bus Transit System shall be marked in each Master Plan of a Town. In TOD influence zones “Urban Design Layouts” shall be prepared.
- 6.2. High frequency feeder services in terms of regular buses, mini buses, mini vans shall be provided by transit agencies depending upon the commuter demand.
- 6.3. “Park and Ride” facilities shall be developed within station area for all the transit stations. Larger park and ride facilities shall be developed at terminal stations as well as stations at outskirts where availability of land is not a major constraint. Concessional parking rates for bicycle parking shall be adopted to promote the use of bicycles as an access mode to transit.
- 6.4. Direct walking paths to be provided to transit stations without any detour e.g. walking paths through parks, and exclusive skywalks from major trip generators such as malls.

7. Demand Management

- 7.1. There is a need to increase the supply of paid off-street parking facilities at strategic locations to contain the tendency of on-street parking. Shared parking shall be developed at depots, terminals and multi-modal hubs etc. Parking norms as per the existing building bye laws shall apply.
- 7.2. Regulation of hawkers is important to reduce the encroachments which obstruct the free flow of pedestrian and vehicular traffic through demarcation of hawker zones into red zone where hawkers are not permitted at all times, amber zone where hawkers are permitted during certain period of time. and green zone where hawkers are permitted all the time. The ULB shall issue the licenses with small fees to regulate the number of hawkers.

8. Applicability, Fee and Charges

- 8.1. Additional constructions shall be allowed on under-construction buildings but not on completed existing buildings, with the additional FAR under this policy. In such a case, the

parking norms will have to be fulfilled. Such benefits on under-construction developments shall be allowed only after production of a structural stability certificate of the proposed constructions from Civil Engineering Departments of IIT/NIT/Government Engineering colleges. The additional floor allowed in such building shall be limited to one additional storey.

- 8.2. The Setbacks of the building – the existing setbacks including front setback may be allowed for higher floor/floors and necessary relaxation to that extent may be granted by the Authority subject to compliance of all fire requirements and fire NOCs. In any case existing approved setbacks shall not be reduced.
- 8.3. The identification of any new corridors shall be done by the competent authority and the State Government will approve the corridor on the recommendation of the Guwahati Metropolitan Development Authority(GMDA) and the provisions of this policy shall be applicable to such areas.
- 8.4. All the fees and charges collected shall be in the form of ‘Infrastructure Augmentation Charges’ and to be kept in the separate head of account as ‘Infrastructure Development Fund’ (IDF) and the same shall be exclusively considered for development of TOD Zones and implementation of Transit System Projects. The Authority may work out own formula for charging cost of providing higher FAR with approval of the State Government.