



PLACEMAKING AND REDESIGNING OF ROAD JUNCTIONS

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ABSTRACT:

Placing making is the part of the city beautification which involves the design and development of the livable spaces. The road junctions are the most crowded places in the cities where there is vehicular movement as well as pedestrian movement, redesigning these spaces and creating the interactive spaces would be better for the society. These spaces mostly can be developed in metro cities or developing cities, as we could work on the public transports as well, i.e. metro, BRT etc.

I INTRODUCTION :

Urban public spaces are locations where individuals commonly congregate, interact, and occasionally unwind. Thus, it is a place where a multitude of functions can take place simultaneously, live' urban spaces make cities livelier and more habitable.

A deeper study of the issue is, therefore, necessary in order to understand it more clearly. A 'place' is a creation of two predominant forces. They are,

1. The Physical component
2. The Social component.

A more thorough examination of the matter is required to gain a clearer understanding. A "place" is shaped by two main forces: the physical component and the social component. The physical aspect encompasses form, shape, and space, which culminate in the creation of a specific area. The social component refers to society and culture. The physical and social components only hold significance when perceived and experienced by individuals.

Placemaking is the act and method of making bodily environments that impart a awesome experience of vicinity to a place even as assembly the primary physiological, social and mental wishes of people. A sense of place is an essential quality that matters to all people regardless of their culture, age, gender, social class, race or city. Kevin Lynch explains, "Sense of place in itself enhances every human activity that occurs there, and encourages the deposit of a memory trace." Similarly, Michael Southworth has articulated that sense of place "can provide a sense of security and stability in a transient, rapidly evolving society." Such an experience profoundly affects us.

NEED OF THE TOPIC

Placemaking is a dynamic urban design concept that seeks to develop inviting spaces in cities to encourage more interaction and support healthier, economically sustainable communities. It can cultivate pride, stewardship, and ownership by preserving the integrity of physical and social environments in homes, neighborhoods, communities, and cities.

Public spaces play a crucial role in the prosperity of cities by fostering a sense of community, civic identity, and culture. They also contribute to social capital, economic growth, and community revitalization, which holds true not only in the Global South but also in other parts of the world.

AIM :

The aim is to develop physical infrastructure as redesign of junctions through making of places to support social activities and help to define pattern and use of built environment.

OBJECTIVES

- To study and understand physical infrastructure as junction.
- To study and understand the need and importance of places as physical infrastructure.
- To examine the existing examples of placemaking and designed junctions.
- To identify the issues due to lack of physical infrastructure.

SCOPE AND LIMITATION

- Development and design of physical infrastructure through making of places at Pune.
- Development of physical infrastructure as redesign of junctions and making of places through retrofitting of footpath.

METHODOLOGY

The methodology to achieve the objectives of the project was finalized based on assessment of the current situation and demand, followed by a study to understand the ground situation evaluation of exchange solutions, main to evaluation and recommendations.

As such, these should be a regular feature in all highway department.

- i. Field Data Sheet .
- ii. Daily Traffic Summary and
- iii. Weekly Traffic Summary.

The method to obtain the targets of the undertaking become finalized primarily based totally on evaluation of the present day state of affairs and demand, accompanied via way of means of a observe to apprehend the floor state of affairs, evaluation. The following steps have been followed for the junction re-development exercise.

1. Total station survey of the junction and streets getting access to become performed to generate the prevailing web page plan..
2. Intersection problems are recorded by the activity of the entire intersection area. This creates an immediate work plan for the intersection, including design/repair and boundaries as well as unofficial work shown on the site plan.
3. Traffic conditions at the intersection were collected from video samples recorded during rush hour. Data were transformed into composite models & expressions to allow analysis of scale type and loading direction.
4. Analysis of addresses, activity maps and traffic data provides a better understanding of any intersection issue.
5. Solutions and traffic information using temporary barriers and other methods are published on the site.
6. Lessons learned from simulation- based problem solving were used to develop/improve communication design. If necessary, copy the updated version of the web page and repeat steps 6 and 7.
7. Approval from all stakeholders including traffic police was sought on the final working (temporary) solution. Following this, the temporary setting has been left functioning on site for the public to experience the benefits and to provide any suggestions (also for traffic police and other stakeholders to experience it over a longer term)
8. The city then assigns consultants or inhouse teams to prepare drawings and bid documents for the final.
9. The final reaction was applied to the ground and the effect was permanent

CONCLUSION

Place making promotes inclusivity and visually signifies that the activation is meant to be used by everyone.

Place-making tends to be a very relatable practice. As mentioned, many of the existing theories that are currently integrated within planning and design fields, as well as many towns and cities, share common attributes with the place-making realm. The important part of placemaking that continues to stand out among the rest of the ideologies is the engagement in public participation.

This place making and redesigning of the road junction will create the interactive spaces for the society as well as it will be helpful for the smooth vehicular movements and avoid the traffic.

These will add to the city beautification and would create the livable streets which will be in favor of pedestrians. It provides a safe and comfortable pedestrian and cyclist environment, defined spaces for vending outside the pedestrian and vehicular movement lines, Integration of services such as storm water drainage. This includes provision of required pavement marking and signages and Provision of lighting etc.

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