Neighbourhood Improvement Plan
Case : HSR, ward no 174

Presenter : Sudeept Maiti
The agenda

- Presentation of the HSR Neighbourhood Improvement Plan
- Panel discussion
- Questions from audience
Provisions for safe pedestrian crossings are often overlooked while designing for automobiles.
Elevated crossings for pedestrian safety
The HSR NIP project
Ward area: 6.98 sq.km

Population: 60749

WHY:

- Neighborhoods such as these have high concentration of car-ownership, wide roads which tends dominate the landscape.

- Lack of pedestrian and cycling infrastructure results in less people on the streets and therefore increase in issues of safety and security

The starting point
### Developing a Vision

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[Images and logos related to the content]
Defining the goals

Way-finding and orientation
- Vehicular Signage

Neighbourhood green cover
- Parks
- Drain lines
- Streets

Safe access networks
- SLOW
- Pedestrian icons

Transport networks
- Bicycle
- Bus

Public space design
- Design Parameters

Figure 5.3: Vehicular Signage
Source: EMBARQ India
Identifying key decision points

For Pedestrians
- Neighbourhood green cover
- Safe access networks
- Transport networks
- Public space design

For Vehicles
- Pedestrian and vehicular signage
- Use of paving patterns
- Reworking existing signage infrastructure

Pedestrian and vehicular signage

Figure 5.3: Vehicular Signage
Source: EMBARQ India
Way-finding and orientation

**Neighbourhood green cover**

Safe access networks

Transport networks

Public space design

**Legend**
- Green pocket series
- Interventions along drains
- Green corridor interventions

- Parks
- Drain lines
- Streets

Diagram showing green pocket series, interventions along drains, and green corridor interventions
For recreational routes

Recreational route

Signalized pedestrian crossings

Neighbourhood green cover

Safe access networks

Way-finding and orientation

Transport networks

Public space design

LEGEND
- Signalized pedestrian crossings
- Pavement bulb-outs & zebra crossings
- Raised mid block crossings
- 3m clear walkway
- 2m clear walkway
- Recreational route
Neighbourhood green cover

**PUBLIC SPACE DESIGN**

**DESIGN PARAMETERS**

- **Management**
  - Quality & Functionality
  - Management & Infrastructure Planning
  - Long-Term Property Plan & Responsibility
  - Defining & Implementing Public Infrastructure

- **Environmentally Sustainable**
  - Renewable Energy & Water Management
  - Green Walls & Roofs
  - Energy Efficient Buildings

- **Comfort**
  - Access to Open Space
  - Seating & Picnic Areas
  - Trees & Shade

- **Accessibility**
  - Wheelchair Accessible
  - Baby Changing Facilities
  - Public Toilets

- **Sense of Place**
  - Landscaping & Design
  - Historical & Cultural Elements
  - Art & Sculpture

- **Context-Sensitive**
  - Reflecting Local Culture & Sensibility
  - Design with Local Context & Materials
  - Artistic & Aesthetic Considerations

- **Good Public Open Space**
  - Open Space Design
  - Green Corridors & Linear Parks
  - Connectivity & Network Design

- **Financially Feasible**
  - Cost-Effective Landscaping
  - Water Conservation
  - Public Participation & Engagement

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Fig. 52 - The image elucidates parameter for ‘Good Public Open Space’
Planning to implement from the part.....
The Master plan

…..to the whole.
Defining the goals

Pedestrians beginning to use the space
Better organization of vehicular movement
The positioning of the curb stones

Recommendations:
- Introduce medians to separate traffic flows
- Segregate out service road entry to the junction by introducing the traffic islands
The HSR NIP process
Consolidating the process
Consolidating the process

1. **Ground work**
   - Identify the boundaries
   - Background Studies
   - Review Group/Working group
   - Identify the “Champion”
   - Identify the stakeholders
   - Ground Surveys
     - Research
     - Establishing Framework

2. **Vision building**
   - Conduct a visioning exercise for the neighbourhood
   - Identify issues and concerns
   - Categorize + Prioritize concerns
   - Redefine boundary if required

3. **Preliminary proposals**
   - Produce basic recommendations
   - Further research + Field work (Detailed CSS)
   - Preliminary Proposal + Drawings + Presentation (prepared by consultant)

**Residents of Iblur village**
- Bus stops
- Road safety
- Security for the aged and children

**Residents of Iblur village**
- Protecting from the weather
- Parks
- Cycle track
- More trees

Residents of Iblur village with parents

Residents of Iblur village with agencies

Residents of Iblur village with parents and residents of Iblur village with agencies

Residents of Iblur village with parents and residents of Iblur village with agencies

Residents of Iblur village with parents and residents of Iblur village with agencies

Residents of Iblur village with parents and residents of Iblur village with agencies

Residents of Iblur village with parents and residents of Iblur village with agencies
Consolidating the process
Vetting of preliminary proposals - part 1

- Collect feedback on PP from Review Group
- Conduct a branding exercise
- Identify additional concerns
- Identify key strengths of each stakeholder – identify resources

Vetting of preliminary proposals - part 2

- Working Group + Consultants – Detail the Master Plan
- Regular meetings with the Review Group
- Conduct Awareness Exercises with the Community
- Create a Master List of Proposals
- Create a Comprehensive Master list of proposals, with phasing

Consolidating the process

- Discussions with traffic police departments
- Conversations with the RWAs
- Conversations with the MLA
Consolidating the process

**Vetting of preliminary proposals - part 1**

- Collect Feedback from Review Group
- Conduct a Branding Exercise
- Identify additional concerns
- Identify key strengths of each stakeholder – Identify resources

**Vetting of preliminary proposals - part 2**

- Working Group + Consultants – Detail the Master Plan
- Regular meetings with the Review Group
- Conduct Awareness Exercises with the community
- Create a Master List of Proposals
- Create a Comprehensive Master list of proposals, with phasing

**Producing GP Drawings**

- Apply for Funding, Financing mechanisms

**Distribution of Information pamphlets**

**Exhibition of proposals**

**Official Launch of the proposals**
Consolidating the process

Vetting of preliminary proposals - part 1

1. Collect feedback on PP from Review Group
2. Conduct a branding exercise
3. Identify additional concerns
4. Identify key strengths of each stakeholder — identify resources
5. Working Group + Consultants — detail the Master Plan
6. Regular meetings with the Review Group
7. Conduct Awareness Exercise with the Community
8. Create a Master List of Proposals
9. Create a Comprehensive Master list of proposals, with phasing
10. Produce GFC Drawings
11. Apply for funding/financing mechanisms

Vetting of preliminary proposals - part 2

4. Stakeholder company
   - Signage
5. BBMP
   - Junction improvement
   - Signage
6. Corporator
   - Benc hes
7. State govt.
   - Foot paths
8. State govt.
   - Trees
   - Toilets
10. Corporator
    - Foot paths
11. Corporator
     - Trees
12. Corporator
     - Toilets
13. Corporator
     - Trees
14. Corporator
     - Toilets

Multiple financing sources

Other components

Other components

Other components

Other components

Other components

Other components

Other components

Other components

Other components

Other components
The progress so far....
The Panel discussion
Question 1:

What are the **critical components** to be considered, while planning for an NIP?
Question 2:

How do you make the NIP process a participative one? Who are the people you need to involve and how do you take it forward in terms of financing?
What are the **critical challenges** faced by neighborhood planning today and how do you think neighbourhood Improvement plans might be the way forward?
How do NIPs start becoming an effective planning tool? What is the current scenario today in neighbourhood administration and how will NIPs help change it?
There is a lot of conversation of making Indian cities ‘smart cities’. What do you think could be the roles played by NIPs in this context / what do you think the next steps for NIPs are?
Questions from the audience
Thank you