NEIGHBOURHOOD DEVELOPMENT PLAN: Project update

Case: HSR Layout, Bangalore

August, 2013
Project 1: Safe and complete roads

- complete street design
- junction design
- traffic calming
- parking designation
- shade and comfort (locations of trees, toilets, seating, bus stops)
- market area interventions

Source: www.ca-city.com

Project 2: Connected open spaces

- commercial parking with walkways on neighbourhood edge
- recreational routes
- bio swale network and grey water filtration.
- open space network

Source: www.callawaygardens.com
HSR Neighborhood Improvement Project

**TOWARDS A WALKABLE AND SUSTAINABLE BENGALURU**

The changes HSR is undergoing

**TODAY**

**YESTERDAY**

**TOMORROW**

**MAIN ROUTES**

**DEMONSTRATION AREA**

- Agara Lake
- BWSSB
- HSR
- HOSUR ROAD
- OUTER RING ROAD

Overall project:

**The HSR NIP - location**

An Accessibility Project for Indiranagar Metro Station

**TOWARDS A WALKABLE AND SUSTAINABLE BENGALURU**
TOWARDS A WALKABLE AND SUSTAINABLE BENGALURU

- Direct access to ORR and Hosur road
- Major connections in the neighborhood
- Areas for commercial development
- More people more vehicles
- Need to create more public spaces and regulate vehicular movement

DEMONSTRATION AREA
JUNCTION DESIGN

Overall project: The HSR NIP - An Accessibility Project for Indiranagar Metro Station

TOWARDS A WALKABLE AND SUSTAINABLE BENGALURU
Way forward

Consistant lane widths

Larger walking widths

Table top pedestrian crossing

Creating public space in the B.D.A complex

Toilet and drinking water complex

Bus bay for 2 buses – no blockage of traffic

Auto stand

Parking for cars and bikes

Speed calming for tertiary roads

PeDESTRAIN WALKWAY

CycLe Track

Carriage way

14th main road

from ORR to 17th Cross

Existing situation
Section A: Junction of 14th main road and ORR

**PROPOSED DESIGN**

- Reconfigured junction will reduce crossing distances from xx m to xxm
- Signage at entry points to the development
- Space for installation to create identity
- Consistent road widths will prevent bottle necks in the area

**EXISTING SITUATION**
Consistent road widths will prevent bottle necks in the area

Reconfigured junction will reduce crossing distances from 25m to 15m

Signage at entry points to the development

Space for installation to create identity

Consistent road widths will prevent bottle necks in the area

Directional Maps that guide visitors through the development

TOWARDS A WALKABLE AND SUSTAINABLE BENGALURU

Section A:
Junction of 14th main road and ORR
Section A: Junction of 14th main road and ORR

- Reconfigured junction will reduce crossing distances from 25m to 15m
- Signage at entry points to the development
- Space for installation to create identity
- Consistent road widths will prevent bottle necks in the area

PROPOSED DESIGN

Street art: virtualpaulscrossproject.blogspot.com

Statues

TOWARDS A WALKABLE AND SUSTAINABLE BENGALURU

Overall project: HSR Neighborhood Improvement Project

An Accessibility Project for Indiranagar Metro Station

TOWARDS A WALKABLE AND SUSTAINABLE BENGALURU
Section B:
14\textsuperscript{th} main road between ORR and 17\textsuperscript{th} cross

- Table top pedestrian crossing for easy pedestrian access
- Parking bays integrated into sidewalks
- Providing facilities of Public restrooms and drinking water
- Reworking of the BDA complex to build a plaza space

forums.finalgear.com

TOWARDS A WALKABLE AND SUSTAINABLE BENGALURU

Overall project: The HSR NIP - location forums.finalgear.com

EMBARQ India
Table top pedestrian crossing for easy pedestrian access
Parking bays integrated into sidewalks
Providing facilities of Public restrooms and drinking water

Section B:
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TOWARDS A WALKABLE AND SUSTAINABLE BENGALURU

HSR Neighborhood Improvement Project

- Median to control turning movements
- AUTO STAND
- BUS BAY FOR 2 BUSES – no blockage of traffic
- Cycle stand
- Space for Bus stop and signage
TOWARDS A WALKABLE AND SUSTAINABLE BENGALURU

HSR Neighborhood Improvement Project

AUTO STAND

Median to control turning movements

BUS BAY FOR 2 BUSES – no blockage of traffic

www.clearchanneladshel.com  www.southmountainstudios.com
Overall project: The HSR NIP

Location in Bangalore

TOWARDS A WALKABLE AND SUSTAINABLE BENGALURO

HSR Neighborhood Improvement Project

Location of HSR NIP

Median to control turning movements

AUTO STAND

BUS BAY FOR 2 BUSES – no blockage of traffic

www.isemoa.eu

www.falco.nl
TOWARDS A WALKABLE AND SUSTAINABLE BENGALURU

HSR Neighborhood Improvement Project

**Overall project:** The HSR NIP - An Accessibility Project for Indiranagar Metro Station

**TOWARDS A WALKABLE AND SUSTAINABLE BENGALURU**

- **Median to control turning movements**
- **AUTO STAND**
- **BUS BAY FOR 2 BUSES** – no blockage of traffic

www.nrdc.org
TOWARDS A WALKABLE AND SUSTAINABLE BENGALURU

HSR Neighborhood Improvement Project
TOWARDS A WALKABLE AND SUSTAINABLE BENGALURU

HSR Neighborhood Improvement Project
## HSR Neighborhood Improvement Project

### Towards a Walkable and Sustainable Bengaluru

<table>
<thead>
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<th>Items</th>
<th>Area (sqmts)</th>
<th>Length</th>
<th>Number</th>
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<td>Bicycle Track</td>
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<td>Table top crossings</td>
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TOWARDS A WALKABLE AND SUSTAINABLE BENGALURU

HSR Neighborhood Improvement Project

Overall project: The HSR NIP - An Accessibility Project for Indiranagar Metro Station

TOWARDS A WALKABLE AND SUSTAINABLE BENGALURU
TOWARDS A WALKABLE AND SUSTAINABLE BENGALURU

Overall project:
The HSR NIP - Location
An Accessibility Project for Indiranagar Metro Station
TOWARDS A WALKABLE AND SUSTAINABLE BENGALURU

Junction A:
CPWD junction, 21st main road

Junction B:
Junction of 21st main and 17th cross
Junction D: Junction of 14<sup>th</sup> main and 17<sup>th</sup> cross

Junction E: Junction of 9<sup>th</sup> main and 17<sup>th</sup> cross
Thank You!