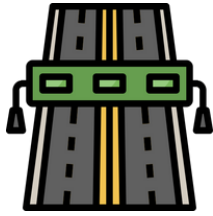


Ward Walkability Report



Banasawadi
(Ward 100)
August 2023



Ward Walkability Score: (10 / 100)

SURVEY - PROFILE

Accessibility



Connectivity



Comfort & Safety



*Scoring is done based on three parameters with equal weightage across all the three (33.33 marks). Final score is obtained by sum of the scores of individual parameters. For example, Banasawadi scored 3.5 marks out of 33.33 in accessibility

Cent Percentage Ward Walkability Survey conducted by College students along with citizen volunteers:

- | | | |
|--------------|-----------------------|-------------------|
| 1) Asma | 8) Bhavana P | |
| 2) Bhoomika | 9) Priya Sanghamitra | |
| 3) Divyanshi | 10) Telejongmok Jamir | 15) Lubna Ludheen |
| 4) Gautam | 11) Aditi Deo Mishra | 16) Soujanya Goud |
| 5) Niranjana | 12) Poulami Ghosh | 17) Sudrip Goud |
| 6) Prithvi M | 13) Tahakausar | |
| 7) Rachaya | 14) Adithya S | |



12th June 2023 - 30th June 2023

KEY INSIGHTS

ONLY 25%

of the roads in this ward are provided with footpaths

ALMOST NONE

of the surveyed road stretches have pedestrian crossings at major road intersections

AROUND 3/4TH

of footpaths are broken due to broken slabs & pavers

MORE THAN 1 IN 2

footpaths are not accessible to physically challenged people

MORE THAN 90%

of footpaths does not have access restrictions for two wheelers & other vehicles

ALMOST ALL

the footpaths are encroached due to parking, street vending etc.

75%

of the respondents mentioned that the footpaths are accessible in terms of its height and width

AROUND 95%

of footpaths doesn't have facilities such as benches to sit and garbage bins to dispose waste

9 OUT OF 10

respondents mentioned that the footpaths are well-lit with functional street lights

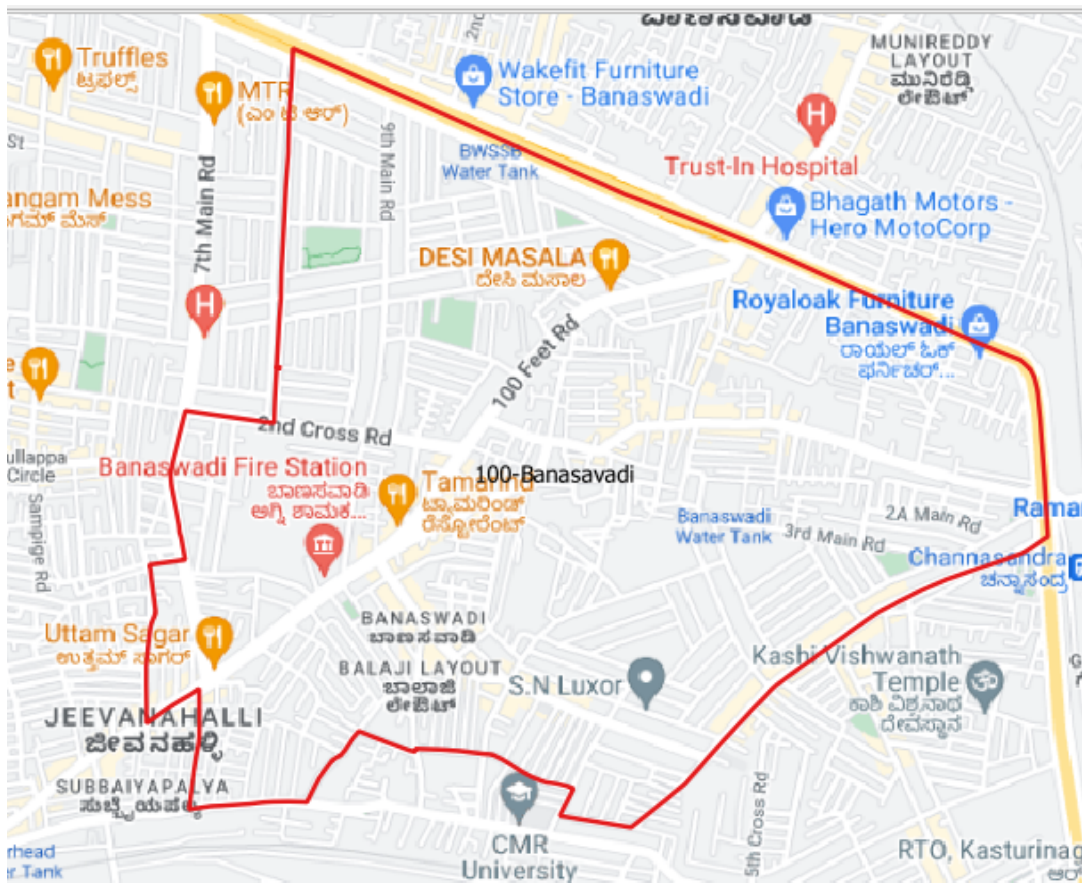
ANALYSIS RATIONALE



294 Road segments surveyed

- Scores are calculated based on the average score of all the indicators. The Sum of the indicators scores gives the total score of the ward.
- Thus, the connectivity in the ward are categorised as Unsatisfactory, Partially Satisfactory and Satisfactory based on its performance.
 - Unsatisfactory: <35 marks
 - Partially Satisfactory: 35 -70 marks
 - Satisfactory : >70 marks

BANASAWADI WARD MAP



Ward Walkability Surveys intend to provide objective, citizen experience-based scores for footpaths on targeted roads and help prioritize ward-level budget allocation by Bruhat Bengaluru Mahanagara Palike (BBMP).

SCORING RATIONALE & INDICATORS

***Source: Guidelines for Planning & Implementation of Pedestrian Infrastructure (Version 1.0, January 2014)**

Walkability of the ward was measured across 4 broad footpath parameters- Accessibility, Connectivity, Safety and Comfort consisting of a total of 12 indicators. Both sides of the footpath were taken into account while assigning the score. Additionally, the quality of pedestrian walkability was measured over 5 indicators which primarily recorded the presence of footpaths and pedestrian crossings that enable ease of access across the road network.



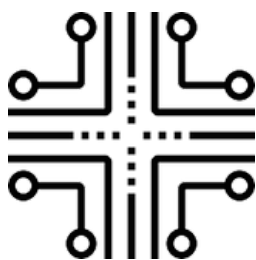
ACCESSIBILITY

Footpath has convenient height of 10-15 cm such that it is easily accessible by aged people and children

Footpath is accessible to people on wheel chair by provision of ramps with suitable gradients

If bollards are present, there is 0.9 m (approx wheelchair width) of clear width between bollards for wheelchairs to pass through

At the entry and exit to a footpath, special surface such as tactile pavement is provided for guidance of visually impaired.



CONNECTIVITY

Footpath is provided on either side of a roadway.

Footpath is wide enough for atleast two pedestrians to walk side-by-side without having to step on the road

Footpath has even surface

Footpath has encroachments such as transformers, vehicles parked, plants/trees

SCORING RATIONALE & INDICATORS



SAFETY & COMFORT



Footpath is well lit with functional street light pole

Trees & plants are planted along the footpath to provide shelter to the pedestrians without obstructing free pedestrian movement

Benches are provided at frequent intervals for resting enroute their journey

The footpath segment has garbage bins for both wet waste and dry waste



Safe, Connectable and Accessible Pedestrian crossings



Pedestrian crossing is at the same level as the footpath OR at slope down to the road level for easy access

Pedestrian crossing connects all arms (roads) of a junction

Stop line/speed breaker is provided before the crossing area such that the stopped vehicles do not intrude into the area

Pedestrian signals are present and functional at the intersections for pedestrian movement across the road

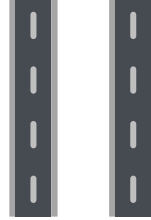
At signalized intersections with high pedestrian volume, the signal gives adequate time for pedestrians to cross safely in all directions (Adequate time should be sufficient for aged people, physically challenged people and children to cross)

WARD PROFILE



51,268

Ward
Population



101

Length of Road
Network (kms)

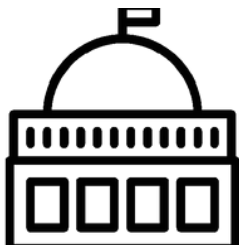


Zone



31

No. of bus-stops



Parliamentary
Constituency

Bengaluru
Central



Nearest Metro
stations

Baiyappanahalli &
Swami Vivekananda



Assembly
Constituency

Sarvajna
Nagara



Elected
Representatives

MLA - Shri K J George
MP - Shri P C Mohan

Ward Walkability Surveys intend to provide objective, citizen experience-based scores for footpaths on targeted roads and help prioritize ward-level budget allocation by Bruhat Bengaluru Mahanagara Palike (BBMP).

COMMUNITY PARTICIPATION



Community undertaking First Mile Last Mile Connectivity

ABOUT SUSTAINABLE MOBILITY NETWORK

Sustainable Mobility Network (SMN) is a pan-India network of 30+ organizations with an overarching vision to adopt the triple zero approach and push towards 'Zero Emissions, Zero Exclusions and Zero Road deaths.'



Janaagraha's collaboration with the Sustainable Mobility Network (SMN) aims to transform mobility practices in Indian cities through,

- **tactical and systemic approaches;**
- **put into action through convergence of perspectives and experience in transport policy;**
- **influence over state and local government processes and community-driven participatory planning.**

The collaboration is aimed to elicit these outcomes through multi-year engagement with network partners through transit infrastructure audits and walkability audits in various wards across Bengaluru with citizen-participation.

A noteworthy effort of all the organisations led to the passing of BMLTA Bill that unlocked grants of INR 10 Crores for street-scaping project, cycle education programs, and real-time street audits in city wards with the help of the community.

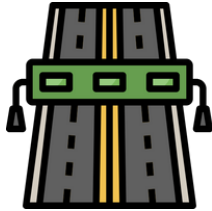
Reach out to: N M Varchaswini

Janaagraha Centre for Citizenship and Democracy

19/4, 3rd Floor, Sair Bagh, Cunningham Road, Bengaluru - 560052

Phone No.: 080 41200844, 41500844

Ward Walkability Report



Gottigere
(Ward 225)
August 2023



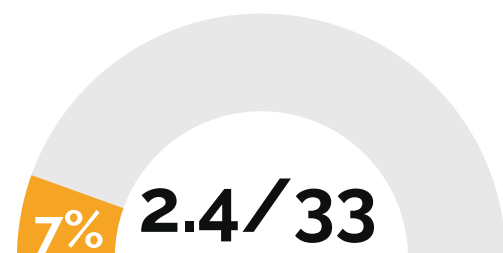
Ward Walkability Score: (4.8/100)

SURVEY - PROFILE

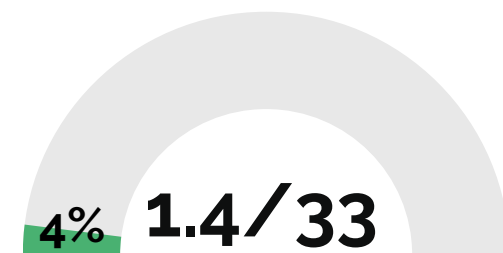
Accessibility



Connectivity



Comfort & Safety



*Scoring is done based on three parameters with equal weightage across all the three (33.33 marks). Final score is obtained by sum of the scores of individual parameters. For example, Gottigere scored 1.0 mark(s) out of 33.33 in accessibility

Cent Percentage Ward Walkability Survey conducted by College students along with citizen volunteers:

- | | | |
|--------------|-----------------------|-------------------|
| 1) Asma | 8) Bhavana P | |
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| 5) Niranjan | 12) Poulami Ghosh | |
| 6) Prithvi M | 13) Tahakausar | |
| 7) Rachaya | 14) Adithya S | |



12th June 2023 - 30th June 2023

KEY INSIGHTS

ONLY 20%

of the roads in this ward are provided with footpaths

NONE

of the footpaths in the ward are built accessible for physically challenged people

8 OUT OF 10

footpaths are not wide enough for two persons to walk side by side comfortably

MORE THAN 95%

of footpaths doesn't have access restriction for 2 wheelers and other vehicles

AROUND 3/4TH

of survey respondents rated the quality of footpaths as "BAD" due to encroachment, cracks and broken pavers

85%

of the respondents mentioned that the footpaths are well lit with functional street lights

ALMOST NONE

of the footpaths have basic amenities such as benches to sit & relax and garbage bins to dispose wastes

NONE

of the surveyed road stretches in the ward are equipped with pedestrian crossings citing lack of pedestrian safety

AROUND 60%

of respondents found that footpaths are accessible in terms of height

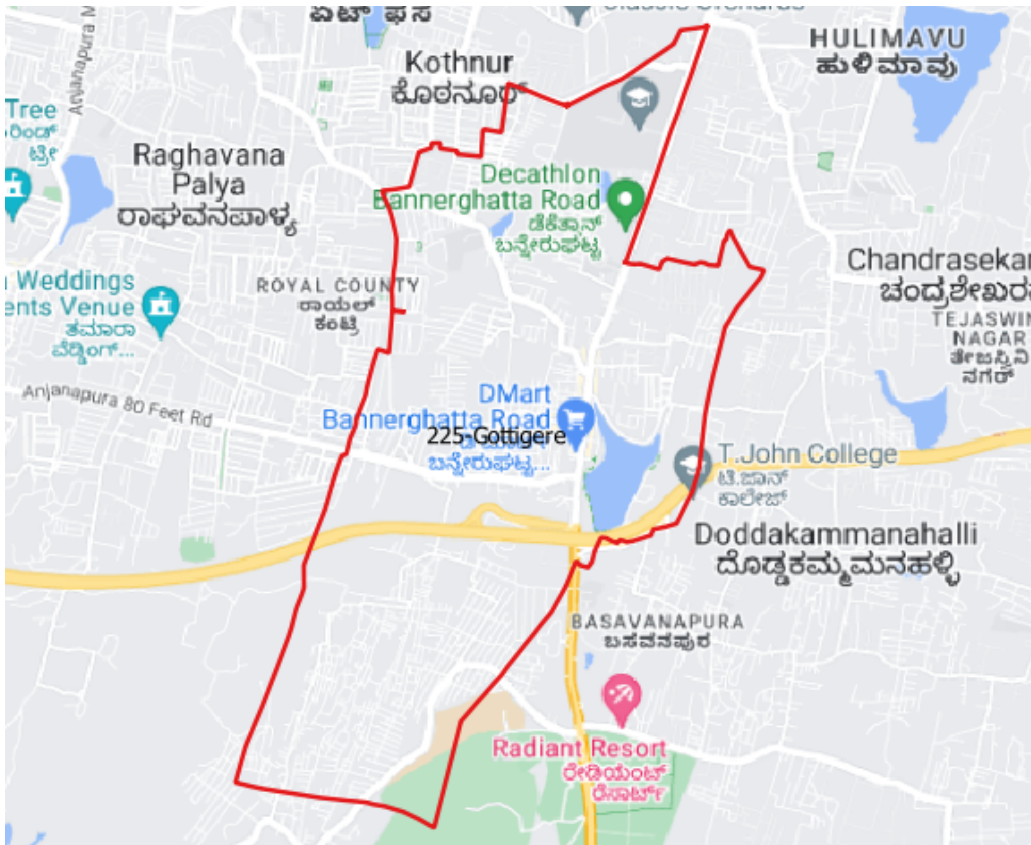
ANALYSIS RATIONALE



365 Road segments surveyed

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 - Unsatisfactory: <35 marks
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GOTTIGERE WARD MAP



Ward Walkability Surveys intend to provide objective, citizen experience-based scores for footpaths on targeted roads and help prioritize ward-level budget allocation by Bruhat Bengaluru Mahanagara Palike (BBMP).

SCORING RATIONALE & INDICATORS

***Source: Guidelines for Planning & Implementation of Pedestrian Infrastructure (Version 1.0, January 2014)**

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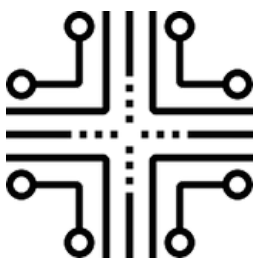
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Footpath has even surface

Footpath has encroachments such as transformers, vehicles parked, plants/trees

SCORING RATIONALE & INDICATORS



SAFETY & COMFORT



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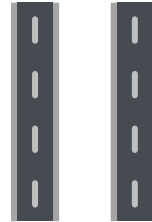
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SCORING RATIONALE & INDICATORS



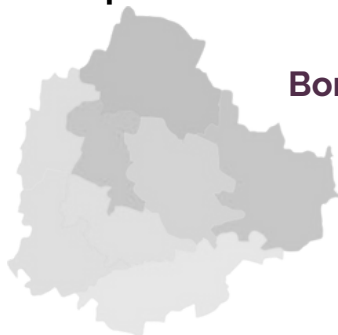
51,911

**Ward
Population**



176

**Length of Road
Network (kms)**



Bommanahalli

Zone



38

No. of bus-stops



Bengaluru
Rural

**Parliamentary
Constituency**



Konankunte &
Yelchenahalli

**Nearest Metro
stations**



Bengaluru
South

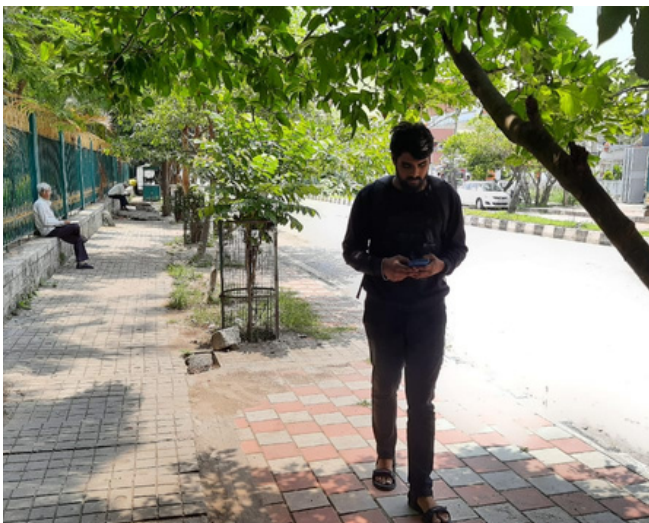
**Assembly
Constituency**



MLA - Shri M Krishnappa
MP - Shri D K Suresh

**Elected
Representatives**

COMMUNITY PARTICIPATION



Community undertaking First Mile Last Mile Connectivity

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