



SIRWAR TOWN PROPOSED ROAD NETWORK GRID PLAN

KEY MAP

STATE
KARNATAKA

DISTRICT
RAICHUR

Legend

Municipal Boundary

Village Boundary

Survey No. Boundary

National Highway

State Highway

Major District Road

Railway Line

Existing Road

Proposed 18M Road

Proposed 24M Road

Proposed 30M Road

Proposed Junctions

- Map Specification:**
1. Municipal Area of the town

- 29.41 Sq.km
2. Road Grid area considered beyond Municipal Boundary

- 73.57 Sq.km
3. Proposed 30m wide road(ring road) - length

- 37.12 km,
4. Proposed 24m wide road - length

- 25.30 km
5. Proposed 18m wide road - length

- 81.46 km

Planning Framework and Criteria Adopted for Preparation of the Road Grid Network

•The Road Grid Network Plan has been prepared in accordance with the provisions of Section 4-K(10)(b) of the Karnataka Town and Country Planning Act, 1961, to facilitate orderly and sustainable future development.

•The proposed road grid network is designed to provide a structured framework for future planned development by improving accessibility, ensuring efficient traffic movement and distribution, and facilitating coordinated urban growth around the town.

•The Road Grid Network covers the town and an area extending up to 2 km beyond the municipal limits, considering the anticipated growth and expansion of urban activities.

•Existing National Highways, State Highways, Major District Roads, and other major roads passing through the town have been integrated into the proposed network to ensure continuity, regional connectivity, and future accessibility.

•To enhance connectivity and provide an efficient circulation network, a grid-based road pattern has been proposed. The grid sizes vary according to local conditions and include modules such as 1.0 km x 1.0 km, 0.75 km x 0.75 km, 0.50 km x 0.50 km, 1.0 km x 0.75 km, 1.0 km x 0.50 km, and 0.75 km x 0.50 km, among other suitable combinations.

•Based on the existing road infrastructure and projected development requirements, the following roads for Arterial and Sub-Arterial hierarchy has been proposed:

- 30 m Right of Way (ROW)- Ring Road
- 24 m Right of Way (ROW)
- 18 m Right of Way (ROW)

ಸರ್ಕಾರಿ ಅಧಿಕಾರಿಗಳು, ನಗರಾಭಿವೃದ್ಧಿ ಇಲಾಖೆ, ಬೆಂಗಳೂರು

ದಿನಾಂಕ: 29/08/2026 ರಲ್ಲಿ ಸಮಯದ

ಪ್ರಾಥಮಿಕ ಉದ್ದೇಶ: ಸರ್ಕಾರಿ ಅಧಿಕಾರಿಗಳು, ನಗರಾಭಿವೃದ್ಧಿ ಇಲಾಖೆ, ಬೆಂಗಳೂರು

ಯೋಜನಾ ಕಾರ್ಯ: 1961 ರ ಕೆಲಸ 45 (10) (ಬಿ) ರಡಿ

ಪ್ರಯೋಗದ ಗುರಿ: GIS Based Road Network Grid Plan ನ ಸಹಾಯಕ ಕೆಲಸ 13(1) ರಡಿ ಸರ್ಕಾರದ ಅಧಿಕಾರಿಗಳು, ನಗರಾಭಿವೃದ್ಧಿ ಇಲಾಖೆ, ಬೆಂಗಳೂರು

Thapasegowda 6/8/26

Director of Town and Country Planning Bengaluru.

Commissioner, Urban Development Authorities & Town and Country Planning Commissionerate.

0 360 720 1,440 2,160 2,880 Meters

1:22,000

GOVERNMENT OF KARNATAKA

DEPARTMENT OF TOWN AND COUNTRY PLANNING

BENGALURU