

Station Controller Report - Ops & Safety

Traffic and Passenger Flow

Kochi city is experiencing rising traffic congestion due to urbanisation and growing vehicle ownership. The Metro expansion from JLN Stadium to Infopark via Kakkanad aims to reduce commuter travel time and ease congestion.

Safety-Related Risks

Displacement of families and shops along the Palarivattom stretch will impact local businesses and residents.

Public utilities such as electricity lines, transformers, and water pipelines may need relocation, posing temporary risks.

Dust, construction waste, and noise pollution are expected during construction.

Incidents and Mitigation

Issue	Impact	Mitigation
Loss of 4 residential houses	Families displaced	Rehabilitation & Resettlement packages
Demolition of 87 shops	Loss of livelihood for 153 families	Compensation and alternative business support
Shift of public utilities	Temporary disruption	Relocation and speedy reinstallation

Operational Risks

Overcrowding during construction phases due to road diversions.

Temporary closure of access roads may require alternate arrangements for commuters.

Street vendors operating in affected areas will be indirectly impacted and relocated.

Cost-Benefit Summary

Despite social impacts, the project is expected to reduce travel time, transportation costs, and pollution, while improving access to employment and commercial hubs.