



Chandragiri Municipality Case Study

Managing Commercial Activities for Safer Road Traffic

Presented by

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Healthy City Focal Person

Chandragiri Municipality



Chandragiri Municipality at a Glance



- © Located in the south-western part of Kathmandu Valley, Nepal
- © **Population:** 136,860 (National Census 2021)
- © **15 wards | Area: 43.9 km²**
- © A major western gateway to Kathmandu Valley
- © The Prithvi Highway passes through the municipality, connecting Kathmandu with other parts of Nepal.
- © Local pedestrians and residents share roads with buses, trucks, tippers, motorcycles and private vehicles.

Road Traffic Context in Chandragiri

- ✓ The Thankot–Nagdhunga corridor carries both local and long-distance Buses, minibuses, school vehicles, trucks, tippers, motorcycles and pedestrians share limited road space.
- ✓ Passenger vehicles frequently stop for boarding and unloading along busy road sections.
- ✓ Freight and construction vehicles increase traffic pressure, noise, dust and road-safety risks.
- ✓ Markets, schools, junctions and roadside businesses create additional pedestrian and parking conflicts.
- ✓ Children, older people, pedestrians, cyclists and motorcyclists are especially vulnerable.



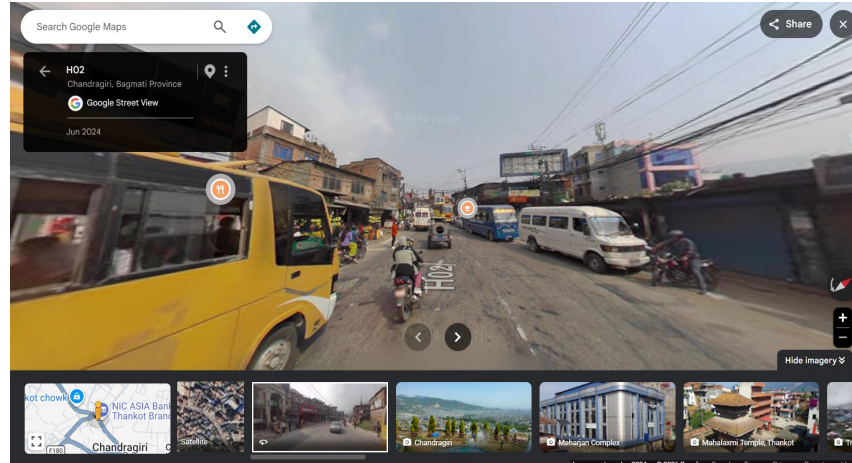
Commercial Activities Influencing Road Safety in Chandragiri

- ❑ Public transport operators
- ❑ Trucks and construction vehicles
- ❑ Vehicle sales and financing
- ❑ Roadside businesses and parking

Key message: Profit-driven practices can increase traffic risks for the community.



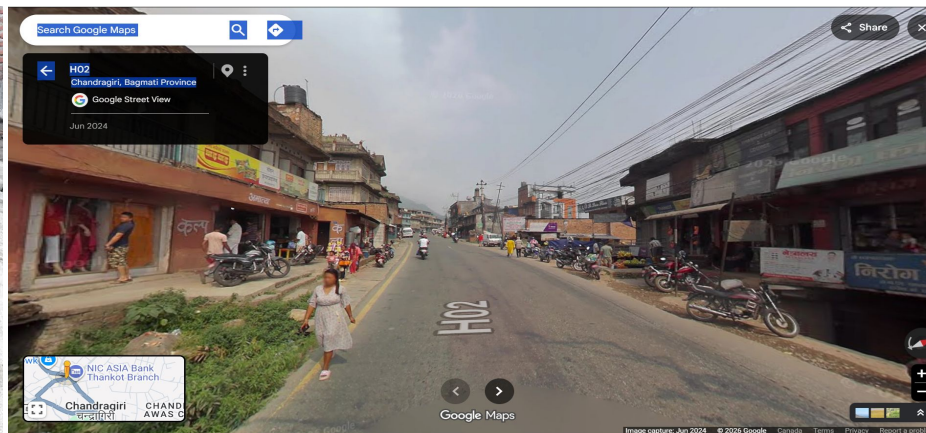
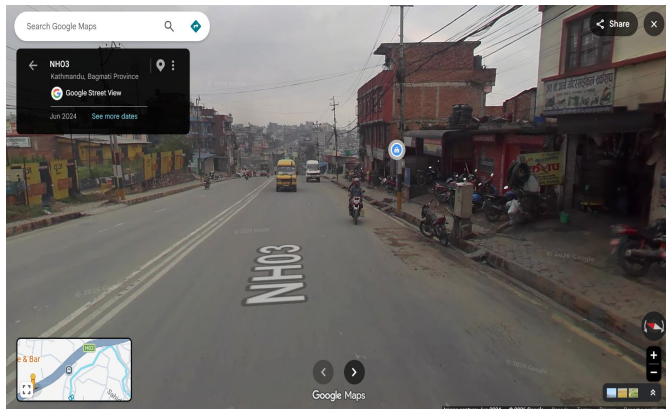
Public Transport at Chandragiri Municipality



Trucks and other vehicles entering and leaving Kathmandu through the Nagdhunga corridor, Chandragiri



Roadside businesses and parking along roads in the Chandragiri area



Vehicle Sales and financing schemes

HYUNDAI **नयाँ वर्ष २०८०** **परिवार**

नयाँ वर्ष २०८० को हार्दिक शुभकामना व्यक्त गर्दै हुन्डाईले त्यसको ४ हरेक हुन्डाई गाडीको खरिदमा आकर्षक बजाइ सुट, बोनस, बीमा तथा खजुरी कर सहितको आकर्षक काइटाहरु

आकर्षक बजाइ सुट रु. १,००,०००/- खस	नयाँ वर्ष बोनस रु. ८०,०००/- खस	धन्यवज बोनस रु. ८०,०००/- खस	MODEL YEAR DISCOUNT रु. १,००,०००/- २०८०को सुट	१ वर्षसम्म नि:शुल्क बीमा तथा खजुरी कर	दुवैको सुवाचाकन तथा खरिदको सुवाचा
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आ. ४ २०८२/८३ र २०८३/८४

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Road Safety Issues in Chandragiri

- Buses and minibuses stopping outside designated stops
- Long truck queues along the Thankot–Nagdhunga corridor
- Heavy vehicles sharing road space with pedestrians and motorcycles
- Roadside parking near markets, shops and junctions
- Loading and unloading directly from traffic lanes
- Footpaths obstructed by shops, parked vehicles and construction materials
- Unsafe pedestrian crossings near schools and markets





In Chandragiri, road risk is created by the

- interaction of heavy commercial traffic,
 - roadside business activity,
 - limited pedestrian space and
 - weak traffic management.
- 



How Chandragiri Is Addressing These Issues

- Pick-up/drop-off signs for safer passenger stops
- No-parking signs to reduce roadside obstruction
- Speed-limit and school-zone signs
- CCTV and traffic lights for monitoring
- Pedestrian overpass and planned pelican crossings
- Emission testing and no-horn signs



Municipal Policy and Planning

- Vehicle and Transport Management Procedure, 2079
- Road Traffic Accident Reduction Action Plan
- Road safety included in the Healthy City Master Plan
- Stakeholder coordination with police and transport actors





चन्द्रागिरि नगरपालिका चन्द्रागिरि नगरपालिका

स्थानीय राजपत्र

खण्ड: ५

संख्या: १५

मिति: २०७९/१०/०३

भाग-२

चन्द्रागिरि नगरपालिका

नेपालको संविधान तथा स्थानीय सरकार संचालन ऐन, २०७४ को दफा १०२ ले दिएको अधिकार प्रयोग गरी चन्द्रागिरि नगरकार्यपालिकाबाट यो राजपत्र प्रकाशन गरिएको छ ।

सम्बन्धित २०७९ सालको कार्यविधि नं. १२

चन्द्रागिरि नगरपालिका सवारी तथा यातायात व्यवस्थापन गर्न
बनेको कार्यविधि २०७९

प्रस्तावना:

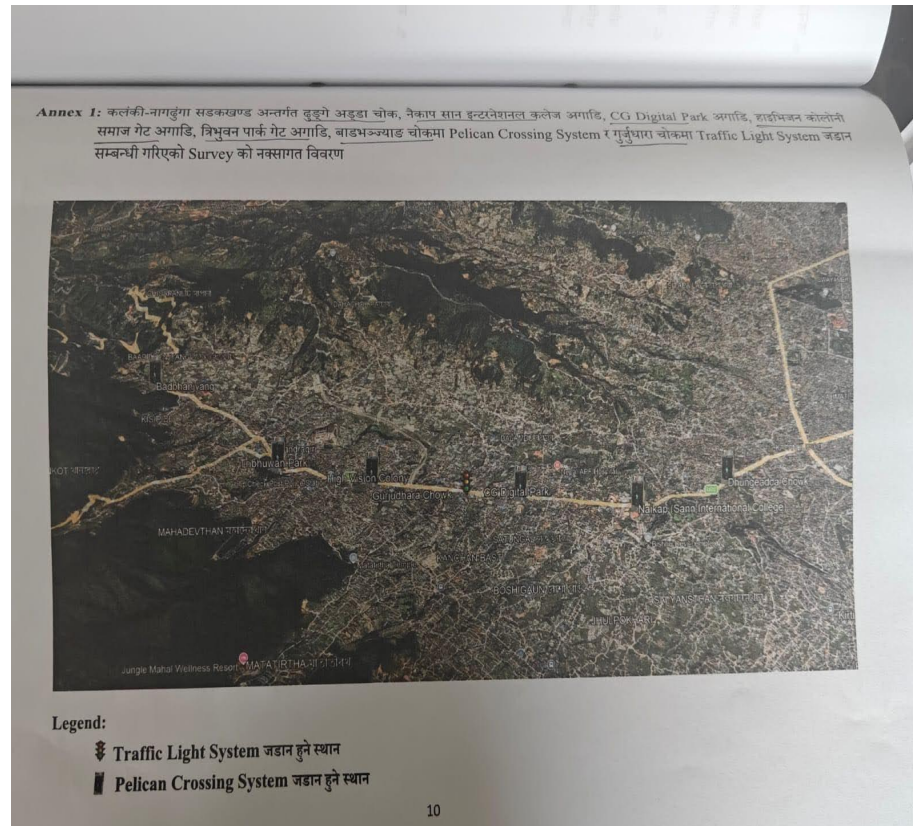
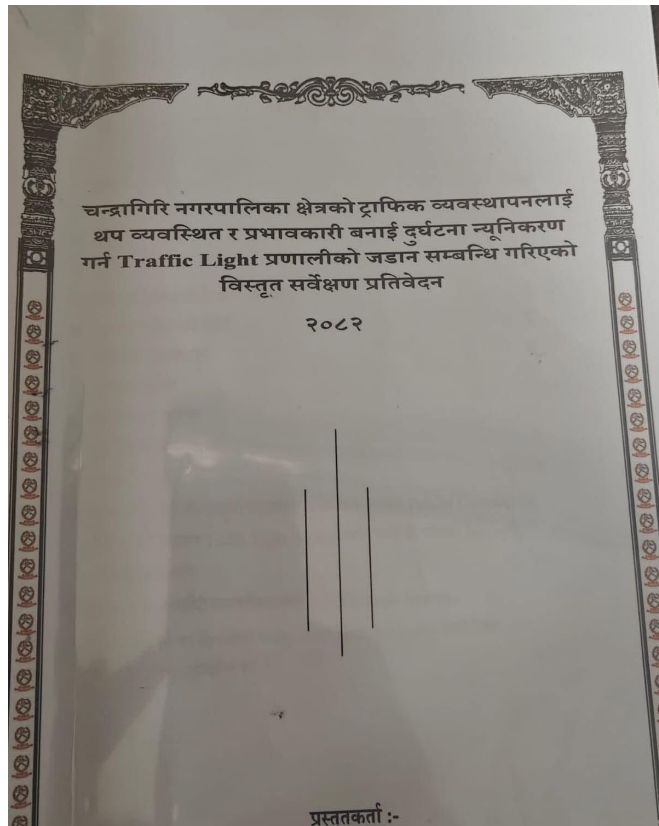
सार्वजनिक यातायात सेवामा सर्वसाधारणको सहज र सुविधाजनक पहुँच सुनिश्चित गर्न, सार्वजनिक यातायातलाई प्रोत्साहन गरी लगानी अभिवृद्धि गर्न, सुरक्षित, भरपर्दो, सर्वसुलभ, गुणस्तरीय, विश्वसनीय, वातावरणमैत्री, उपभोक्तामुखी र सेवामुखी रूपमा सेवा सञ्चालन तथा व्यवस्थापन गर्न, यातायात क्षेत्रमा वातावरण अनुकूलको प्रविधिलाई प्राथमिकता दिन तथा समग्र यातायात व्यवस्थापन सम्बन्धमा

Endorsement of Chandragiri Municipality Vehicle and Transport Management Procedure, 2079.

It includes provisions on:

- Designated stops and parking areas
- Approved fares and ticketing
- Driver and conductor qualifications
- Regular vehicle inspection and maintenance
- CCTV and GPS monitoring
- Promotion of safer and cleaner vehicles

Survey map identifying proposed traffic light and pelican crossing locations along the Kalanki–Nagdhunga corridor



Municipal Annual programme and budget, Fiscal Year 2025/2026

The current approved municipal programme and budget includes many transport-infrastructure projects and street-lighting activities. It includes:

- NPR 8 million for utilities including street lighting
- NPR 4 million for street lights, poles and associated infrastructure
- Numerous ward-level road construction, upgrading and maintenance project



Stakeholder Interaction and Planning Workshop on Road Traffic Accident Reduction in Chandragiri Municipality, Nepal.





Government of Nepal
Ministry of Urban Development
Department of Urban Development and Building Construction
Babar Mahal, Kathmandu

PREPARATION OF
INTEGRATED URBAN DEVELOPMENT PLAN
OF 14 MUNICIPALITIES

CONTRACT ID: DUDBC/CS/QCBS – 11-074/75

Volume II/ V: Municipal Profile of Chandragiri Municipality



The official **Integrated Urban Development Plan Municipal Profile of Chandragiri Municipality** includes:

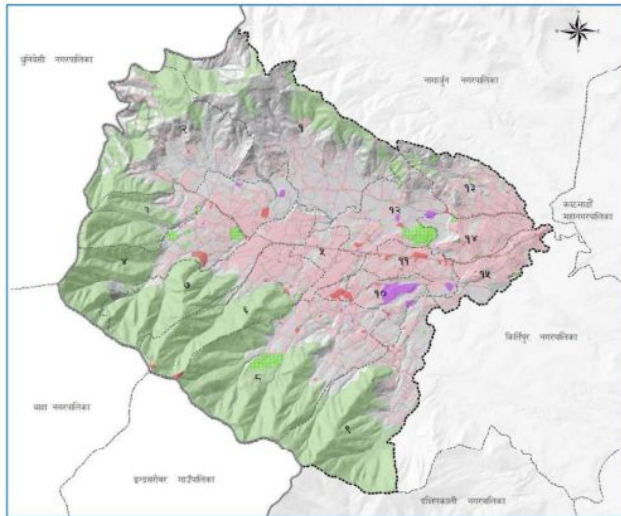
- Road hierarchy and road-network maps
- Existing public-transport routes
- Chandragiri's role as Kathmandu Valley's western gateway
- Road-surface conditions
- Transport-related air-pollution concerns





स्थानीय विपद् तथा जलवायु उत्थानशील कार्यढाँचा Local Disaster Risk and Climate Resilience Framework (LDCRF)

२०८२



चन्द्रागिरि नगरपालिका
नगरपालिकाको कार्यालय
बलम्बु, काठमाण्डौ, बागमती प्रदेश, नेपाल

- It identifies road accidents among the risks affecting Chandragiri.
- It is relevant for emergency preparedness and coordinated response.



Infrastructure and Monitoring



Nagdhunga Tunnel: Safer Gateway

- **2.688 km tunnel** connecting Nagdhunga and Sisnekhola
- Expected to reduce congestion on the existing Nagdhunga road
- Emergency tunnel, CCTV, fire control and ventilation systems
- Controlled vehicle access and electronic toll collection
- Faster and safer movement of passenger and commercial vehicles.
- The tunnel was completed and was undergoing final testing and operational preparation in July 2026.





National Government/JICA-supported project serving the Chandragiri–Nagdhunga corridor.

MOU signed between Chandragiri Municipality and Kathmandu Valley Police Office for the installation of CCTV cameras to enhance security, traffic management, and surveillance across key areas of the municipality.



Groundbreaking ceremony for a new pedestrian overpass at Naikap Chowk, an initiative by Chandragiri Municipality to improve pedestrian safety along the busy Kalanki–Nagdhunga corridor.



Traffic lights and CCTV at Gurjadhara have been installed and brought into operation by Chandragiri Municipality as part of its ongoing efforts to improve road safety and traffic management.



Public Awareness and Enforcement Signage Installation



Pick and Drop Signage (30 places)



School Zone/ Drive Slow (5 places)



No Horn Signage (11 places)



No Parking Signage (10 places)



Speed Limit (6 places)



Roadside awareness signage promoting clean and responsible transport practices (6 places).

Routine Vehicle Emission Test Campaign of Public and Private vehicles





Thank You

*Together for safer roads,
healthier public spaces and a healthier Chandragiri.*

Prakash Ghimire

Healthy City Focal Person
Chandragiri Municipality, Nepal

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