



# Upgrading or Widening of the Mirchaiya–Katari– Ghurmi Road



Government of Nepal  
Ministry of Physical Infrastructure  
and Transport



## Background

The proposed project road, part of the major feeder road Mirchaiya - Ghurmi - Harkapur - Okhaldhunga - Salleri (F052) in Nepal's strategic road network, begins at Mirchaiya junction on the Mahendra highway at Km 223+261. Passing through Katari at Km 26+000, it extends to the start of the Sunkoshi Bridge at Ghurmi. The road spans 7.0 kilometers from Mirchaiya to Jyamire in the Siraha district, with the remaining 68.0 kilometers in Udayapur district.

This project is divided into two packages: Package No. 1 (Km 0+000 to Km 40+200) and Package No. 2 (Km 40+200 to Km 70+020). This road section of the Siddhicharan Highway in Eastern Nepal, connects the markets of Katari and Ghurmi, serving as a vital link between the main tourist center of Salleri Solukhumbu in eastern Nepal and the East West Highway, facilitating connectivity.



### Sector

Transportation



### Location

Starting Point: Mirchaiya, Siraha District  
Madhesh Province  
Ending Point: Ghurmi, Udayapur District  
Koshi Province



### Road Length

72 km

### Salient Features:

- Crash Cushion Systems
- Visibility Enhancement Facility
- Road Studs and Bus Bays

### Project Rationale:

- Enhance capacity of existing road
- Better slope protection and bio engineering is required
- Upgradation required to meet the future demand

## Project Components



Pavement



Drainage



Bridges



Culverts



Street  
Lighting

## Project Outcomes



Travel Time  
Reduction



Vehicle Operating  
Cost (VOC) savings



Safer  
Roads



Improved  
Accessibility

# Financial Indicators

## Estimated Project Cost

NPR 10.69 Billion

USD 94 million



NPV

NPR 8.44 Billion



Economic IRR

15.10 %

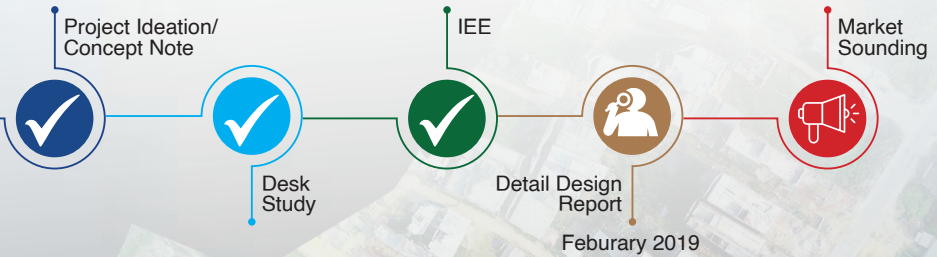
(1 USD = NPR 113.73, as of 2019)

# Project Implementation Modality



Public Private Partnership  
(PPP)

# Project Implementation Timeline







## Relevant Agencies

- Ministry of Physical Infrastructure and Transport (MoPIT)
- Department of Roads (DoR)

## About the Agency

### Ministry of Physical Infrastructure and Transport

The Ministry of Physical Infrastructure and Transport (MoPIT) is the government body of Nepal dedicated to integrating various geographic and economic regions to foster the economic and social development of the country by prioritizing the construction of road, rail, and water transport infrastructure. The ministry aims to ensure the appropriate development of the national transport system, focusing on connecting rural areas with markets, fostering economic activities, and overseeing various economic sectors such as tourism, agriculture, and electricity production. Facilitating and coordinating various activities and projects related to infrastructure and transportation is the primary function of MoPIT.

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