

Ministry of Highways and Road Development

Agency Results Framework

Vision

To provide accessibility and mobility to entire population of the country by having high quality road network for rapid, safe and comfort transportation of passengers and goods.

Mission

To develop and maintain best connected National Highway Network to provide accessibility to the entire population of the country.

Thrust Areas

1. Construction and Maintenance of Expressways
2. Improvement of National Highway Network
3. Rehabilitation and Reconstruction of Bridges
4. Management of traffic congestion.
5. Maintenance of National Highway Network
6. Institutional Strengthening and Capacity Building
7. Planning and Design

Agency Results

Thrust Area 1: Construction and Maintenance of Expressways

| S.No | Goals | Key Performance Indicators | Baseline 2007 | Target | | | | | | | | | | |
|------|--|--|---------------|--------|----|----|------|------|----|----|----|----|----|--|
| | | | | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | |
| 1 | Faster accessibility and high mobility | ▪ Length of expressway completed and operated (Km) | No expressway | - | - | - | 130 | 154 | | | | | | |
| | | ▪ Average speed of express way network (Km/h) | No expressway | - | - | - | 80 | 80 | | | | | | |
| | | ▪ Average usage of Expressway Network (Vehicle Km/day in millions) | No expressway | | | | 0.95 | 1.81 | | | | | | |
| | | ▪ Average roughness of expressway network (m/Km) | No expressway | | | | 2.5 | 2.5 | | | | | | |

Thrust Area 2: Improvement of National Highway Network

| S.No | Goals | Key Performance Indicators | Baseline 2007 | Target | | | | | | | | | | |
|------|---|--|------------------|--------|-------|-------|--------|-------|----|----|----|----|----|---|
| | | | | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | |
| 2 | Provision of acceptable level of capacity and accessibility of the National Highway Network | ▪ Length of 6 lane roads (Km) | 15.84 | 15.84 | 15.84 | 15.84 | 15.84 | 23.24 | | | | | | |
| | | ▪ Length of 4 lane roads (Km) | 103.8 | 107.8 | 109.9 | 109.9 | 109.9 | 197.9 | | | | | | |
| | | ▪ Length of 2 lane roads (Km) | 4098.9 | 4162 | 4444 | 5334 | 5888 | 6101 | | | | | | |
| | | ▪ % of road with Volume/Capacity (V/C) ratio > 0.8 (%) | 3 | - | - | - | - | 2 | | | | | | 2 |
| | | ▪ Average speed of highway network (Km/h) | 39.7 | - | - | - | - | 45 | | | | | | |
| | | ▪ Length of National Highways (Km) | 11874 | 11891 | 12025 | 12050 | 12075 | 12100 | | | | | | |
| | | ▪ Road density (Km/Square Km) | 1.5 | | | | | 1.5 | | | | | | |
| 3 | Road user safety in the National Highway Network | ▪ New provision of road sign and marking (Km) | | 63.12 | 345 | 1235 | 553.83 | 213.4 | | | | | | |
| | | ▪ Number of total road accidents per year (Number) | 32458 | | | | | | | | | | | |
| | | ▪ No.of vehicle registered | | | | | | | | | | | | |
| | | ▪ No.of Black spots improved | | | | 4 | 4 | 4 | | | | | | |
| 4 | Ensure environmental and social safeguards | ▪ % of prescribed projects with EIA/SIA done | | | 30 | 5 | 5 | 5 | | | | | | |

Thrust Area 3: Rehabilitation and Reconstruction of Bridges

| S.No | Goals | Key Performance Indicators | Baseline 2007 | Target | | | | | | | | | | |
|------|---|---|---------------|--------|----|----|----|----|----|----|----|----|----|--|
| | | | | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | |
| 5 | Provision of acceptable level of capacity and accessibility of the National Highway Network | <ul style="list-style-type: none"> No. of bridges newly rehabilitated or reconstructed. | | 15 | 26 | 30 | 28 | 28 | | | | | | |
| | | <ul style="list-style-type: none"> Bridges rehabilitated out of total week bridges (%) within the year | | | | | | | | | | | | |

Thrust Area 4: Management of Traffic Congestion

| S.No | Goals | Key Performance Indicators | Baseline 2007 | Target | | | | | | | | | | |
|------|---------------------------------|--|---------------|--------|----|----|----|----|----|----|----|----|----|--|
| | | | | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | |
| 6 | Reduction of traffic congestion | <ul style="list-style-type: none"> % of length of roads with V/C ratio > 0.8 (%) | 3 | | | | | 2 | | | | | | |
| | | <ul style="list-style-type: none"> No. of grade separated junctions (interchanges) | 0 | - | - | - | 1 | | | | | | | |
| | | <ul style="list-style-type: none"> No. of flyovers constructed | 3 | 5 | 7 | 9 | | | | | | | | |
| | | <ul style="list-style-type: none"> No. of Pedestrian under/over passes constructed | 4 | 4 | 5 | | | | | | | | | |
| | | <ul style="list-style-type: none"> No. of junctions newly signalized | | 1 | 2 | 4 | 4 | 4 | | | | | | |
| | | <ul style="list-style-type: none"> No. of junctions newly improved | | 1 | 2 | 4 | 4 | 4 | | | | | | |

Thrust Area 5: Maintenance of National Highway Network

| S.No | Goals | Key Performance Indicators | Baseline 2007 | Target | | | | | | | | | | |
|------|--|--|------------------|--------|--------|--------|--------|-------|----|----|----|----|----|--|
| | | | | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | |
| 7 | Well maintained National Highway Network | ▪ No.of Kilometers sand sealed (routine maintenance) Km/year | 800 | 800 | 900 | 900 | 900 | 900 | | | | | | |
| | | ▪ No.of kilometers surface treated (periodic maintenance) | | | | | | | | | | | | |
| | | ▪ Average surface distress index (SDI) | 2.3 | 2.3 | 2 | 2 | 2 | 2 | | | | | | |
| | | ▪ Length of roads > 3 (Poor and bad condition) (%) | 40 | 40 | 33 | 33 | 33 | 33 | | | | | | |
| | | ▪ Length of roads > 5.5 (Poor and bad) (%) | 69 | 66 | 65 | 65 | 64 | 64 | | | | | | |
| | | ▪ Allocation for maintenance of roads and bridges (Rs. Mn) | 4500 | 4718 | 4969.5 | 5225.2 | 5446.8 | 5740 | | | | | | |
| 8 | Reduction of road user costs in the National Highway Network | ▪ Reduction of Average Vehicle Operating cost (Rs./Km/vehicle) | 15.15 | 15.10 | 15.04 | 14.97 | 14.9 | 14.87 | | | | | | |
| | | ▪ Roughness Index (IRI) of roads ADT < 750 (m/Km) | 7.4 | 7.4 | 7.2 | 7.2 | 7.1 | 7 | | | | | | |
| | | ▪ Roughness Index (IRI) of roads 750 < ADT < 2500 (m/Km) | 6.4 | 6.4 | 6.4 | 6.3 | 6.1 | 6 | | | | | | |
| | | ▪ Roughness Index (IRI) of roads 2500 < ADT < 10000 (m/Km) | 5.7 | 5.6 | 5.5 | 5.4 | 5.2 | 5 | | | | | | |
| | | ▪ Roughness Index (IRI) of roads 10000 < ADT (m/Km) | 4.9 | 4.9 | 4.8 | 4.5 | 4.3 | 4 | | | | | | |

