

ROAD DEVELOPMENT PROGRAMMES IN NORTH- EASTERN REGION

PRESENTATION

BY

MINISTRY OF SHIPPING, ROAD TRANSPORT & HIGHWAYS

(DEPARTMENT OF ROAD TRANSPORT & HIGHWAYS)

Role of Ministry

- Policy formulation
- Development & maintenance of National Highways
- Administration of Central Road Fund
- Directing implementation of specific road development programmes

Key statistics

| | Entire Country | NER |
|-------------------------------------|----------------|--------|
| Length of National Highways (km) | 66590 | 6880 |
| Density of NH (km/ 100sqkm) | 202.00 | 262.00 |
| Density of NH (km/ lakh population) | 6.50 | 17.63 |
| Road length (km/ 100sqkm) | 100.00 | 32.30 |

Annual Plan Funds:2006-07

(NHDP & SARDP are not included)

(Rs. in crore)

| Expenditure Head | Entire Country | NER |
|-----------------------------------|----------------|--------|
| National Highway (Original) | 2058.60 | 424.96 |
| Maintenance &Repairs of NH | 814.38 | 70.00 |
| Central Road Fund for State Roads | 1566.00 | 68.80 |
| Inter State Connectivity | 121.63 | 13.61 |
| Roads of Economic Importance | 33.33 | 14.92 |

National Highways in NER

Total Length = 6880 km

| State | Agency wise | | |
|-------------------|-------------|------|------|
| | PWD | BRO | NHAI |
| Arunachal Pradesh | 40 | 352 | 0 |
| Assam | 1270 | 802 | 764 |
| Manipur | 279 | 680 | 0 |
| Meghalaya | 623 | 187 | 0 |
| Mizoram | 376 | 551 | 0 |
| Nagaland | 348 | 146 | 0 |
| Sikkim | 0 | 62 | 0 |
| Tripura | 0 | 400 | 0 |
| Total | 2936 | 3180 | 764 |

Status of road connectivity in NER

- Out of 6880 km National Highways, 3725 km are less than 2-lane
- Agartala, Aizawl and Gangtok are not even connected by 2-lane National Highway
- 62 District Headquarters are not connected even by 2-lane road
- Backward, remote and border areas are grossly deficient in terms of proper road connectivity
- Connectivity to neighbouring countries is also inadequate

Approach adopted by Ministry to improve road connectivity of NER

- Connecting the Region with rest of the country by high speed, high capacity highway
- Improving intra-region road connectivity.

Programmes

- **NHDP-II**
(to improve connectivity of the region with rest of the country by 4-lane E-W corridor)
- **NHDP-III B**
(to connect State Capital towns by 4-lane National Highways)
- **SARDP-NE**
(to improve connectivity to State capitals, District Headquarters and improving other important roads)

SCOPE OF NHDP-II IN NER

- 4-laning of 678 km portion of east-west corridor from Srirampur to Silchar, via Bijni, Nalbari, Guwahati, Sonapur, Nagaon, Doboka, Lumding, Maibong at investment of about Rs 6000 crore.

SCOPE OF NHDP-III B in NER

| Stretch | Length (km) | NH | Purpose |
|---------------------------|--------------------|-----------|---|
| Doboka-Dimapur | 124 | 36 & 39 | To connect Kohima. (Dimapur- Kohima is in SARDP-NE) |
| Baihata Chariali-Itanagar | 345 | 52, 52A | To connect Itanagar, via Banderdewa |
| Kohima-Imphal | 140 | 39 | To connect Imphal |
| Shillong-Churaibari | 252 | 44 | To connect Agartala, (Churaibari- Agartala in SARDP-NE) |
| Silchar-Aizawl | 190 | 54 | To connect Aizawl |
| TOTAL | 1051 | | |

SARDP-NE

- Covers 7616 km roads in two phases
- Phase A approved by Government for implementation at estimated cost of Rs 4618 crore, covering 1310 km roads: (1110 km NHs, 144 km state roads and 56 km GS road)

SARDP-NE Contd..

- Phase B covers 6306 km: (2118 km NHs, 4188 km state/GS roads)
- Government has approved Phase B for preparation of Detailed Project Reports
- NHAI, BRO and State PWDs to implement the project

Objectives of SARDP-NE

- Upgrade National Highways connecting State Capitals to 2 lane or 4 lane
- Improve road connectivity to 60 district headquarters by at least two lane road (either national highway or state road) to cover all 85 District Headquarters in the region
- Provide road connectivity to backward and remote areas of NE region to boost socio - economic development
- Improve 1207 km roads of strategic importance in border area
- Improve connectivity to neighbouring countries

State-wise District Headquarters to be connected by 2-lane road

| State | Name of the district HQ (total 14) |
|--------------|--|
| Assam | Barpeta, Dubri, Goalpara, Golaghat, Dhiphu, Kokrajhar, Marigaon, Haflong, Baska, Udalgiri, Silchar, Dhemaji, Hailakandi, Lakhimpur |

Contd.

**State-wise District Headquarters
to be connected by 2-lane road**

| State | Name of the district HQ (14) |
|-------------------|---|
| Arunachal Pradesh | Hawai, Anini, Seppa, Koloriong, Ziro, Yupia, Tawang, Yingkiong, Daporijo, Bomdila, Along, Pasighat, Tezu, Roing |

Contd.

**State-wise District Headquarters
to be connected by 2-lane road**

| State | Name of the district HQ |
|---------------|--|
| Manipur (3) | Tamenglong, Chandel, Ukhrul |
| Meghalaya (4) | Williamnagar, Nongstoin, Tura, Baghmara |
| Mizoram (8) | Champai, Mamit, Serchhip, Lunglei, Lawngtlai, Saiha, Aizawl, Kolasib |

Contd.

**State-wise District Headquarters
to be connected by 2-lane road**

| State | Name of the district HQ |
|--------------|---|
| Nagaland(9) | Zunheboto, Longleng, Peren,Mon,Phek, Mukokchung, Tuensang, Wokha, Kipheri |
| Sikkim (4) | Gylshing, Mangan, Namchi, Gangtok |
| Tripura (4) | Kailashahar, Udaipur, Agartala, Ambassa |

State – wise length under SARDP-NE (Phase ‘A’)

| State | National Highways | State roads | GS roads | Total | Implementing agency |
|--------------------|-------------------|-------------|-----------|-------------|---|
| Arunachal Pradesh | 0 | 36 | 0 | 36 | BRO |
| Assam | 822 | 0 | 0 | 822 | NHAI =315 km, Assam,PWD =215km, BRO= 292 km |
| Manipur | 0 | 108 | 0 | 108 | BRO |
| Meghalaya | 112 | 0 | 0 | 112 | NHAI |
| Nagaland | 81 | 0 | 0 | 81 | NHAI |
| Sikkim | 95 | 0 | 56 | 151 | NHAI =95 km, BRO= 56 km |
| Grand Total | 1110 | 144 | 56 | 1310 | |

State – wise length under SARDP-NE (Phase ‘B’)

| State | National Highways | State roads | GS roads | Strategic roads | Total |
|--------------------|-------------------|-------------|-------------|-----------------|-------------|
| Arunachal Pradesh | 335 | 48 | 1374 | 1207 | 2964 |
| Assam | 29 | 137 | 62 | 0 | 228 |
| Manipur | 92 | 58 | 0 | 0 | 150 |
| Meghalaya | 179 | 223 | 0 | 0 | 402 |
| Mizoram | 537 | 122 | 150 | 0 | 809 |
| Nagaland | 491 | 333 | 178 | 0 | 1002 |
| Sikkim | 0 | 202 | 68 | 0 | 270 |
| Tripura | 455 | 26 | 0 | 0 | 481 |
| Grand Total | 2118 | 1149 | 1832 | 1207 | 6306 |

Investment decision for Phase ‘B’ is yet to be taken

Progress of SARDP-NE

Phase ‘A’

- Implementation of 270 km has been started by BRO and 182 km by Assam, PWD
- Detailed project reports (DPRs) and cost estimates are under preparation for 255 km

Phase ‘B’

- DPRs are under preparation: Investment decision is yet to be taken by the Government

Budget provision for SARDP-NE

(2006-07)

Total budget provision for 2006-07 is Rs. 550 crore, which has been allocated as under:

- Rs 200 crore allocated to BRO
- Rs 56 crore earmarked to Assam PWD
- Rs 294 crore released to NHAI

OVERALL

- Projects with investment of more than Rs 11,000 crore are committed and are already under implementation in NER (NHDP-II and SARDP-NE 'A'). Road construction programme of this magnitude has never been undertaken before.
- NHDP-IIIB and SARDP-NE 'B' are in pipeline

CONSTRAINTS

- DELAY IN LAND ACQUISITION, TREE CUTTING, SHIFTING OF UTILITIES AND FOREST CLEARANCES, RESERVE FOREST/ WILD LIFE SANCTUARIES
- DESPITE BEING HILLY REGION, HAULAGE OF MATERIALS IS FROM LONGER LEADS, ROYALTY RATES ARE HIGH.
- INSURGENCY. OUTSIDE CONTRACTORS ARE RELUCTANT, LOCAL CONTRACTORS LACK RESOURCES AND EXPERIENCE
- ALL THE IMPLEMENTATION AGENCIES ARE OVERBURDENED

THANK YOU