

GOVERNMENT OF ODISHA
WORKS DEPARTMENT

No.07679600042014 11641 /W.,Bhubaneswar, Dated 26th September 2014

From

Sri Nalini Kanta Pradhan,
EIC-cum-Secretary to Government,
Works Department,
Orissa, Bhubaneswar

To

The Development Commissioner-cum- Additional Chief Secretary, Planning &
Coordination Department/
Additional Chief Secretary, Finance Department/
Principal Secretary, Rural Development Department/
Commissioner-cum-Secretary, Panchayati Raj Department

Sub: Proceedings of the meeting on "Road Network Master Planning"

Sir,

Kindly find attached the Proceedings of the meeting on "Road Network Master Planning" held on 11.9.14 in the 2nd floor conference hall of the Secretariat under the chairmanship of the Chief Secretary for information and further necessary action.

Enclosure: Proceedings

Yours faithfully,

[Signature]
E.I.C-cum- Secretary to Govt.

SE-ISM / EE Asset management
Memo No 11642

Dt. 29.9.14

B.E (Planning)
Copy along with copy of enclosure forwarded to OSD to the Chief Secretary, for kind appraisal of the Chief Secretary.

[Signature]
Addl. Secretary to Govt

Memo No 11643

Dt. 29.9.14

Copy along with copy of enclosure to CE, DPI&R/ CE,NH / CE, World Bank for information and necessary action.

[Signature]
Addl. Secretary to Govt

**PROCEEDINGS OF THE MEETING ON “ROAD NETWORK MASTER
PLANNING” HELD ON 11th SEPTEMBER, 2014**

Works Department made a presentation on Road Network Master Planning on 11th September, 2014 before the Chief Secretary, which was also attended by Development Commissioner-cum-ACS; ACS, Finance; Principal Secretary, Rural Development Department and Commissioner-cum-Secretary, Panchayati Raj, EIC, Rural Works in the 2nd Floor Conference Hall of the Secretariat Building, Odisha.

Initiating the discussion, the EIC-cum-Secretary, Works Department explained that the Department has taken the initiative of placing all the roads of the State of Odisha on a single GIS platform for effective planning and sustainable inclusive road development. With the assistance of the World Bank, M/s ICT Pvt. Ltd. was engaged as the consultant for this project. On behalf of the consultant, Professor Dr. P K Sikdar presented the details.

1. The survey conducted for 51,856 revenue villages of Odisha showed that only 37,703 villages have pucca road connectivity and
 - a) 1,965 villages still do not have any road connectivity
 - b) 986 villages have connectivity through track roads &
 - c) 11,202 villages have connectivity through kutchra roads
2. 2,941 Km roads are operating under capacity constraints in 2013 and in “do- nothing” scenario this will shoot up to 6,687 Km in 2018 and will also constrain the feeder roads.
3. Due to upcoming ports and industries the PCU(Passenger Car Unit) will increase by about 30,000 in the next 20 years.

To meet the above challenges and to keep pace with the demands of development, the consultants presented an Odisha Strategic Transportation Model(OSTM) and the key components of which are:

- i) Roads are to be reclassified under the following criteria:

ROAD RECLASSIFICATION CRITERIA	
Classification	Connectivity
SH (State Highway)	<ul style="list-style-type: none">• District HQs to Bhubaneswar (State Capital)
	<ul style="list-style-type: none">• Tourism Centres of National Importance to Bhubaneswar (State Capital)
	<ul style="list-style-type: none">• All major Industrial Centres, Ports and Mines
	<ul style="list-style-type: none">• Major Towns with 5,000+ population

MDR (Major District Road)	• All Sub-divisional HQ and Block HQs to District HQs
	• All Tourism Centers of 'State-level Importance'
	• All major Agriculture Produce Market Centers
	• Connectivity between Block HQs by MDR
ODR (Other District Road)	• All Gram Panchayat HQs to Block and Sub-divisional HQs

- ii) Taking into account the above criteria , 20,000+km of rural roads are to be reclassified as ODRs and transferred to Works Department from Rural Development Department and Panchayati Raj Department.
- iii) As a result of Master Plan analysis with HDM-4 tool several road development schemes emerged
- Besides the already declared corridor from Vijaywada to Ranchi, two more corridors are required: one to connect the Mining corridor of Keonjhar with emerging ports at Dhamra & Kirtania and another from Cuttack via Banki, Nayagarh & Buguda and join V-R corridor at Aska to ease traffic on existing NHs.
 - About 8,800+km of different category roads are required to be widened by 2018 to avoid congestion.

Road Category	Road length recommended for widening in kms	
	2-Lane with Paved Shoulder	4-Lane with Paved Shoulder
NH	1126	656
SH	5065	180
MDR	1188	Anandpur, 2.2
ODR	426	Talcher, 2.8
VR	112	Belpahar, 5.4
TOTAL	7917	846

- Check for ODR Standards: RoW, Formation, and CW
- Plan Upgradation to ODR Standards in 5 to 10 years
- Training for OWD Staff on use of Odisha Strategic Transportation Model (OSTM)
- Establishment of a planning cell in OWD

Appreciating the scientific study by the consultants the Chief Secretary made the following observations to carry forward road sector developments in Odisha :

1. OWD to immediately start verification of the list of roads recommended for transfer to OWD from RD/PR in co-ordination with Rural Works and Panchayati Raj Department.
2. OWD to prioritise the road development works for the coming 5 years and prepare a statement on requirement of funds on the basis of the recommendations of the Consultants.
3. OWD to move EFC for accommodating the newly taken over roads and improvement of existing District Roads through a dedicated funding under a new scheme "Strategic Road Improvement Plan" .
4. OWD to create a dedicated PMU with Project Management Consultant at OWD to ensure regular updating and way-forward and to make adequate arrangements to train highway engineers on modern planning, technology and construction management to meet the challenges.
5. Works Department should follow the double laning with paved shoulder recommendation of the Consultant to widen the State Highways. A priority list for such improvement depending on the need and vehicular traffic shall be prepared by Works Department to take up the works accordingly.
6. A dedicated cell should be created for large scale use of eco-friendly road materials like fly-ash, slags, polythenes and plastics .
7. Rural Works shall prepare a similar GIS based database for all rural and Panchayati Raj Department Roads and should be integrated with the OWD developed Odisha Strategic Transportation Model (OSTM) .
8. Works Department, being the nodal agency will disseminate the data base to all other departments concerned with road sectors and provide support services for future planning and sustainable development.

The meeting ended with vote of thanks to the Chair.

