
ACTIVITIES REPORT OF WORKS DEPARTMENT FOR THE YEAR 2008-2009.

Development and maintenance of an extensive road network is a major pre-requisite on which the pace and pattern of development rests. Road communication is a key element for economic development of Orissa. The focus, therefore, is to improve the living condition of rural people by providing all weather road communication to inaccessible areas and upgrading the existing road network. The development of Agriculture, small scale and cottage industries, extension of public distribution networks, improving access to health care and education, to a large extent, depend upon stable all weather road communication; Above all, good roads improve the accessibility of the rural areas to markets and facilitate better delivery of services. Therefore, the Government strategy in this sector is to provide all weather road linkages to rural settlements.

So far, Administrative Unit of Works Department is concerned, there are 5 Chief Engineers, (C.E., DPI & Roads, CE, Buildings, C.E., NH, CE, World Bank Projects & CE, RD & QP) 7 (R&B) Circles, 3 N.H. Circles, 1 Mechanical Circle and 1 Electrical Circle in charge of Superintending Engineers, who are responsible to the concerned Chief Engineers for the administration and general professional controls of the public works in charge of officers of the Department within their Circles. The Executive Engineers at the Divisional level are the executive units of the Department. There are 36 (R&B) Divisions. 15 N.H. Divisions, 4 GED Divisions, 4 Mechanical Divisions and 2 GPH Divisions in the State. Besides this, there are 224 Sub-Divisions in charge of Sub-Divisional Officers in the rank of Assistant Engineer & Asst. Executive Engineer under the control of Executive Engineers.

The Works Department looks after National Highways, State Highways & District Roads totaling to a length of 18,073.737 km of roads, which is about 7% of the total road length. These carry the bulk of the traffic and are the principal carrier of economic activities. The thrust given to rural connectivity shall bring positive result only when the principal road net works are developed systematically. There has been conscious effort to develop roads of Orissa under various schemes.

(i) **Category & Road lengths in the State.**

a) Works Department

I.	National Highways	–	3595.527 Km
II.	State Highways	–	3886.966 Km
III.	Major District Road	–	4277.195 Km
IV.	Other District Road	–	<u>6314.049 Km</u>
	Total	–	18073.737 Km

Works Department looks into the following aspects of the road, bridge and building sectors.

- Improvement of roads and construction of bridges.
- Maintenance and repair of State Highways, Major District Roads, Other District Roads and Bridges on these roads.
- Construction, Improvement and maintenance of National Highways and Bridges on it in the State.
- Finalisation of Technical details of bridges.
- Finalisation of Technical details of the Buildings.
- Construction of Public Buildings.
- Maintenance and repair of residential and non residential Government buildings.

(A) Repair & Maintenance of Roads & Buildings are taken under Non – Plan.

a) Repair and Maintenance of roads.

State PWD is maintaining 14478.210 Kms of roads under different categories.

The details are shown below :

	Category	Length in Kms.
i)	State Highway	3886.966 Km.
ii)	Major District Roads	4277.195 Km
iii)	Other District Roads	<u>6314.049 Km</u>
	Total	14478.210 Km

In the Budget 2008-09 under Non-Plan head a sum of Rs.5317.40 lakhs (works component) has been provided for repair of the above category of roads, out of which Rs.5317.40 lakhs has been spent by the end of March, 2009.

TENTH FIVE YEAR PLAN (2002 - 2007).

Tenth Five Year Plan period has commenced from the year 2002-2003 and continued till 2006-07. Accordingly, Works Department have formulated their targets for Tenth Five Year Plan for improvement of 1300 Kms of road stretches and construction of 106 bridges with financial outlay of Rs.1207.53 Crores. Works Department have improved 2363 Kms of road stretches and completed 87 Nos. of Bridges during the period from 2002-03 to 2006-07.

ELEVENTH FIVE YEAR PLAN (2007- 2012)

Eleventh Five Year Plan period has commenced from the year 2007-08 and will continue till 2011 – 12. Accordingly, Works Department have formulated its targets for Eleventh Five Year Plan for improvement of 4500 Kms of road stretches and construction of 52 bridges with financial outlay of Rs. 1945.84 Crores. Under Zero based budgeting procedure, Works Department has planned to take up projects under different schemes on priority basis which would yield quick result to the satisfaction of users as well as to complete more number of major ongoing bridge and road projects.

The financial and physical achievement made during the 2nd year of 11th Plan period is as follows:-

Sl. No	Year	Financial Achievement (Rs. in Crores)	Target		Physical Achievement	
			Bridge	Road	Bridge Completed	Road in Kms.
01	2007-08	356.29	19	617.69	16	605.390
02	2008-09	727.95	16	458.00	15	534.694
Total		1084.24	35	1075.69	31	1140.084

ACHIEVEMENT UNDER DIFFERENT SECTORS / SCHEMES

1. NABARD.

Many Infrastructure Project started earlier were lying incomplete for want of resources. Although there is urgent need of creating adequate employment opportunities in rural areas through Development of Infrastructure, earlier there had been virtually no Institutional arrangements for financing Rural Infrastructure. Against this background Government of India in the year 1995 – 96 announced the Schemes for setting up of Rural Infrastructure Development Fund (RIDF) to be operationalized

by NABARD for financing the on-going as well as new Infrastructure Projects. NABARD Loan Assistance has been a major source of funding of the road and bridge projects for the State. The list of proposal of the projects for NABARD Assistance is placed before the High Power Committee (HPC) constituted under the Chairmanship of D.C. –cum- Additional Chief Secretary. After approval of Government to the projects cleared by High Power Committee, the detailed estimates of the projects are sent to NABARD through Finance Department for sanction. On getting the projects sanctioned by NABARD, the process of implementation of the projects starts after the required formalities are completed. Detailed position of the Projects executed under this Scheme are given below:-

		Bridge in No.	Road in No.	Total in No.
I.	No. of projects sanctioned by NABARD under Trench RIDF– I to XIII (by end of 2007-08).	138	165	303 (3 road projects proposed to be taken up under World Bank Assistance Scheme, 01 bridge project dropped, 01 bridge re-sanctioned under RIDF-X & 03 bridge Projects re-sanctioned under RIDF-XII)
II	No. of projects completed by 2007-08	98	78	176
III	No. of projects sanctioned by NABARD under RIDF XIV during the year 2008-09.	05	21	26
IV	No. of projects completed during the year 2008-09 out of on going projects.	12	20	32
V	Target for completion during 2009-10	03	18	21

There was target to complete 27 projects (20 roads + 7 bridges) during the year 2008-09 under NABARD Assistance against which 32 Nos. projects (12 bridges + 20 road projects) have been completed.

By end of March 2009 total 1580 Kms of roads have been improved under this scheme. There is a budget proposal for Rs.117.00 Crores during the year 2009-10 for NABARD Assistance projects.

In this scheme the progress of all most all sanctioned works have been expedited and efforts have been made to take up more & more projects.

2. REVISED LONG TERM ACTION PLAN (RLTAP) FOR KBK DISTRICTS.

In order to boost the socio economic condition of the people of KBK Districts, Government have taken effective steps to provide better connectivity as well as to improve existing roads. Works Department has been entrusted to take up road connectivity programme under RLTAP from the year 2001-02. Most of the roads in KBK Districts pass through extremist prone areas and connect Andhra Pradesh and Chhatishgarh. Due to traffic intensity, continuous heavy down pour and flash floods in Hilly Terrain, the roads in the KBK Districts show signs of distress and develop heavy depression as well as number of pot-holes. Some missing links disconnects one place from another. Priority has been given to connect those by constructing bridges on missing links. The details of projects taken up and achievement under this Scheme are given below.

Sl. No.	RLTAP (KBK)	Amount Allocated Rs. in Crore	Bridge	Road (in K.M.)
1	Project taken up with Financial allocation from 2001-02 to 2008-09.	103.81	35	571.90
2	Financial and physical Achievement up to March, 2009	93.23 (Exp.)	22	488.59
3	Physical target for the year 2009-10.	12.00 (Action plan submitted P & C Deptt. & SARCA)	01	53.00

3. CENTRAL ROAD FUND

Under this Scheme, roads and bridges are improved with funds available from Government of India as Central Grants. Detail of projects sanctioned under this scheme and progress there of are shown below.

Sl. No.	Central Road Fund	Estimated Cost (in Crores)	Bridge (In Nos.)	Road (in Nos.)
1	Project sanctioned under Central Road Fund from 2001-02 to 2008-09.	490.80 (Govt. of India Sanction)	21	140
2	Financial and physical Achievement made up to March, 2009.	272.04 (Expenditure)	17	112
3	Physical target for the year 2009-10.	64.42 (Budget Proposal)	04	20

4. ONE TIME ACA FOR TOURIST IMPORTANCE ROAD

Orissa is an attractive Trove House of Cultures, Customs and Traditions, languages and literature, Art and Architecture. Orissa truly bears the essence of India. Its ancient grandeur is un-matched. While contemporary scene is encouraging the future holds great promise on several counts. Vigorous pursuit on Tourism activities in the State shall not only help in economic progress of the State but also provide employment to its youth on sustained basis.

For providing a better connectivity to places of tourist importance/cultural heritage and to attract the tourists from various parts of the World, Government have taken conscious steps for improvement and strengthening of the roads connecting such places by providing one time assistance under this scheme.

Government of India have allocated Rs.43.51 Crores in 2004-05 and Rs.18.00 Crores in 2005-06 to take up 8 Nos. of road projects, 2nos of road projects have been completed during 2005-06. Other 6 nos. of road projects spilled over to 2006-07 and completed.

During 2006-07, Rs.32.30 Crores have been allocated by Government of India to take up 8 Nos. of road projects under this scheme which are completed. During 2007-08, Planning Commission, Govt. of India have sanctioned 08 Nos. of Projects costing Rs.46.00 Crores. Out of which 03 Nos. of Projects are completed and other 05 Nos. of Projects are targeted to be completed during 2009-10. During 2008-09, Planning Commission have sanctioned 08 Nos. of Projects with cost of 53.00 Crores and all the projects have been stated and targeted o be completed during 2009-10. Also during 2009-10 there is proposal to take up 12 No. of Projects with cost of Rs.66.00 Crores.

5. RAILWAY OVER BRIDGES

During the year 2007-08, there is a budget provision of Rs.9.00 crores for construction of 7 ROB. Out of the above, PWD portion of ROB namely (i) Lanjipali of Berhampur completed during 2008-09, (ii) Punama Gate of Bhubaneswar completed and dedicated to Public by Hon'ble Chief Minister, Orissa during the year 2008-09, (iii) PWD portion of ROB at Randia near Baudhpur of Bhadrak completed and will through only after completion of Railway portion. ROB at Basanti Colony of

Rourkela is in progress. ROBs at Haladiapadar, Gopalpur of Ganjam will be taken up during 2009-10.

6. ECONOMIC IMPORTANCE UNDER E&I SCHEME

Government of India has sanctioned 9 nos. of Road Projects under the scheme with 50:50 share of State Govt. and Central Govt. with an estimated cost of Rs.333.69 crores by end of 2008-09 out of above 9 No Projects & 5 Nos of Projects have been completed and it is targeted to complete balance work by end of 2009-10.

Out of the above funds 27.98 Kms. of road length has been developed till 2006-07 and 23.50 Km. of road length has been developed during 2007-08 with expenditure of 37.44 Crores during 2008-09, 9 Kms of road length has been developed with an expenditure of 33.14 Crores including other on going works.

7. INTERSTATE CONNECTIVITY UNDER E&I SCHEME

Govt. of India has sanctioned 7 nos. of Road Projects under the scheme with an estimated cost of Rs.57.21 crores.

Out of funds released by Govt. of India so far, 86.79 Km. of road length has been improved up to March, 2009 with an expenditure of Rs.41.97 Crores and steps are being taken to complete 4 ongoing sanction projects during 2009-10.

8. IMPORTANT ROAD PROJECTS UNDER IMPLEMENTATION.

(a) Cuttack-Paradeep Road.

The improvement of Cuttack-Paradeep Road (SH-12) with 2-lane rigid pavement and paved shoulders for a length of 82 Kms. connecting Cuttack City and Major Port at Paradeep is under Progress. It passes through densely populated Rural areas as well as Urban areas of Cuttack and Jagatsinghpur District. The project cost comes to Rs.224.80 Crores. The work is under progress in two packages i.e. Package No.-I (0/0 to 43/000 Km.) with work value of Rs. 112.69 Crore & Package No.-II (43/000 Km. to 82/000 Km.) with work value of Rs.112.11 Crore. MOSRT&H, Government of India have sanctioned Rs.26.46 Crore under Central Road Fund Grant & funds to the extent of Rs.35.00 crores are also arranged from different sources like PPT, OMC. It has also been proposed to provide Rs.1250.00 lakh during the year 2009-10 under State Plan Scheme. The project has been targeted for completion during 2010-11.

(b) Vijayawada-Ranchi corridor.

State Government has been on job to implement Orissa portion of Vijayawada-Ranchi corridor so that the areas having domination of extremist elements is provided with desired road network and the tribal population who predominantly live in the area join the main stream of development. Besides, this will largely help to curb ever growing influence of Naxals in the backward districts who thrive on account of lack of underdeveloped road network.

In the year 2006-07, 21 km. of road stretch from Jagannathpur-Berhampur-Phulbani State Highway was taken up for implementation under Additional Central Assistance (ACA) of Rs. 20 crore which has already been completed. Further, in the year 2008-09, a sum of Rs. 20 crore has been provided under ACA out of which a portion of road from Charichhak to Phulbani that falls under Vijayawada-Ranchi corridor has been taken up and work is in progress. Works Department has prepared a holistic plan and programme in the year 2008-09 to utilize Rs. 300 crore earmarked for improvement of Vijayawada-Ranchi corridor in different stretches out of Special Grant from Planning Commission, State Plan Fund and funds available out of Central Road Fund (CRF). Accordingly, work is in progress in respect of 78.70 km. in different stretches of the above corridor. Tender is being invited and drawal of agreement is to be done in respect of 162.20 km. of Vijayawada-Ranchi corridor for which funds are available under CRF, Planning Commission Grant, State Plan Fund and SARCA Fund of Rs. 120 crore. So in total Works Department is in various stage of implementation of 262 km. of road. Further DPR for 340 km. of road is readily available in Works Department for taking up the work as soon as the fund is available. DPR for 120.65 km. is in progress. It may be mentioned here that State Government has decided to implement 166 km. of road under World Bank assisted Orissa State Roads Project (OSRP) that pertains to Vijayawada-Ranchi corridor.

(c)Naranpur-Pandapara-Harichandanpur-Brahmanipal-Duburi Road.

Naranpur-Pandapara-Harichandanpur-Brahmanipal-Duburi Road with a length of 89.698 km. is being implemented under Economic Importance (E&I) Scheme at an estimated cost of Rs.302.09 crore. The road is being executed by M/s. Gayatri RNS JV, Hyderabad. This road has been divided into 3 sections i.e. from 0/0 to 30/129 km., 30/129 to 69/269 km. and 69/269 to 89/698 km. The road from 0/0 to 30/129 km. with a length of 30.129 km. has been handed over to the agency since 15.11.2007 and the

road works and the CD works are under progress. Similarly, the road work from 69/269 to 89/698 with a length of 20.429 km. has been under implementation by the said agency. The road from 30/129 to 69/269 km. has not yet been handed over to the executing agency as it covers largely forest areas for which forest clearance is being awaited.

9. ORISSA STATE ROADS PROJECT (OSRP)

The World Bank has completed the loan negotiation for the Orissa State Roads project (ORSP) in July, 2008 for an amount of US\$ 250 million. It has been agreed to take up 461 km. of busy corridors of the State identified under OSRP in the 1st phase at an estimated cost of Rs.1431.19 crore. The loan has funding ration of 80: 20 by the World Bank and the State Govt., i.e. Rs.953.24 crore and Rs.477.95 crore including Rs.197.40 crore as Prorata Charges. The period of implementation of this Projects is 5 years. The loan agreement was signed in January 2009 and the loan has been effective since April 15, 2009. Bids were finalized and three contracts were drawn for implementation of 204 km of road out of the 461 km which include the following roads.

- Berhampur-Taptapani (41 km)
- Bhawanipatana-Khariar (68 km)
- Chandabali-Bhadrak-Anandpur (95 km)

Besides, a supervision consultant has been engaged for supervision of the above three packages. The Civil works have started in all the three packages.

Further, World Bank has funded the engagement of a consultant for taking up the task of preparation of documents for the concessionaires for 3 busy corridors such as Sambalpur-Rourkela, Joda-Bamebari and Koira-Rajamunda comprising of 229 km to be developed under PPP. The consultant has submitted the required projects documents for two roads and the third one is under preparation. A toll policy for the state is also under preparation which will be essential for the PPP road projects.

Also, institutional development activities such as revision of codes, formulation of strategy for institutional strengthening, Road safety are also being taken up simultaneously.

10. 12TH FINANCE COMMISSION GRANT

Rs.649.08 Crores has been allocated for repair and maintenance of road from 2006-07 to 2009-10 under 12th Finance Commission Grant. During the current financial year 2008-09, Rs.177.02 Crores have been provided in the budget for improvement of 176 Nos. of Projects which are completed. There is target to complete 144 Nos. of road projects with a Budget provision of Rs.177.02 Crores during the year 2009-10.

11. ACTIVITIES ON BUILDING WORKS

One of the prime agendas of the State to improve the building infrastructures for opening the vistas of all round development activities is to undertake new building constructions/maintaining the existing one located though out the state and Works Department have a key role to play on this aspect. With the rapid addition of new building infrastructures across the various Government Departments added with backlogs of fairly good in number poses a huge challenge to accomplish the project in a scheduled time line. For this, constant evolution of comprehensive plan programme is an important feature to ensure smooth flow of funds to meet the systematic planned expenditure without any impediment in the pace of progress. A sneak preview of our activity verticals and funding for the last five years speaks the entire of spectrum of all round development.

(Rs. In lakhs)

Year	Scheme	Budget Allocation	Expenditure	Total Projects taken up	Completed during the year
1	2	3	4	5	6
2008-09	SP	7323.32	7323.32	1397	990
	CP	183.40	183.40	14	4
	NP	20906.60	20906.60	2849	2569
	12 th FCA	4175	4175	349	349
Total		32588.32	32588.32	4609	3912

Important milestones are being set up as regards building constructions and the department shoulders responsibility for creating new infrastructures specifically in the areas of

- NAXAL infested districts (covering 17 districts)
- In the backward areas covered under TASP,SCCP,KBK districts.
- ITI's Polytechnics, Engineering College/Schools to produce skilled personnel abating the unemployment issues thereby generating self employment opportunities and also keeping abreast up to the exact need of the growing industries.
- Infrastructures on Health sector is a prime focused area, where this Dept. takes over most of the Hospitals, Dispensaries, CHC, PHC, UGPHC's scattered throughout the state. The pioneering Medical Institutions such as SCB MCH at Cuttack, VSS MCH at Burla and MKCG MCH at Berhampur, also coming together with Homoeopathy & Ayurvedic Colleges at different locations throughout the state have also been constructed/taken care of by this Department.
- Educational Institutions such as Govt. Schools & colleges.
- Sports Stadia & hostels, sports complexes in different Districts.
- Buildings of Art & Cultural Centers.
- Court complexes, residential buildings of Judiciary staff, E-Courts projects covering the entire State facilitating computerization of Court functioning.
- Infrastructures required for the new districts such as Collectorates, residential accommodation of Collectors etc.

Few important works taken up on the recent are listed below :

Department	Projects	Cost (In Crores)
Works	External aided project & library building, (e-procurements cell) Bhubaneswar	Rs.5.69
	Construction Academy, Gopalpur, Cuttack	Rs.7.00
Industries	Parala Maharaja Engineering College, Berhampur	Rs.8.05
	Govt. Engineering College at Bhawanipatna, Kalahandi	Rs.9.05
Health	Cardiology Institute, SCB MCH, Cuttack	Rs.4.90
	Telemedicine Complex in SCB MCH, Cuttack	Rs.1.60
Finance	Guest House for Resource persons, MDRAFM, Bhubaneswar	Rs.2.00
	Special Treasury No.I, Bhubaneswar	Rs.2.80

Revenue	Collectorate building, Kendrapada	Rs.2.03
	Collectorate building, Nayagarh	Rs.2.18
	Collectorate building, Khurda	Rs.1.08
	Circuit House, Jharsuguda	Rs.1.38
Sports	District Sports Complex, Puri	Rs.2.56
	Sports Complex, Kusadunguri, Bhawanipatna	Rs.2.55
	District Sports Complex, Sundargarh	Rs.2.22
	District Sports Complex, Koraput	Rs.2.55
	39 nos of Sports Stadia covering the entire State	Rs.4.56

The statistics of the recent years say that the plinth area of the Capital Building assets covering the entire State as on 2006-07 is 8163979 sqm. (both Res. & Non-res) and undergo a substantial increase in the subsequent year i.e.2007-08 totaling to 8519532 sqm (both Res. & Non-res). The increase as observed is 4.40% (say 5%) every year. Looking at the current trend growth in the plinth area it could be said that Works Department would be handling a huge number of buildings having plinth area 9392784 sqm. (both Res. & Non-res) as projected for the year 2009-10. This includes the new constructions of upcoming projects programmed for the year 2009-10 as well as up keeping the existing infrastructures. This involves meticulous planning. Prioritization, innovative designs and implementation, of course coupled with a pre-thought for post implementation activities to have a holistic approach and accomplishment of project within the scheduled time.

12. ACHIEVEMENT OF NH ORGANISATION DURING 2008-09.

1. Construction of Missing link of NH 23 from Kalanda to Pitri which was continued slowly since 1985 was expedited and opened to traffic during June, 2008.
2. 06 Nos of Bridges such as HL bridge over Pipal on NH 201, MB at Madhiapalli on NH 201, MB at Anladhar on NH 215 and 3 Nos of MBs on NH 23 were completed during 2008-09.
3. 202.37 km of National Highways as detailed below have been improved during 2008-09.
 - Widening to two Lane 62.50 Km
 - Strengthening of existing carriage way – 43.62 km.

- Improvement of riding quality – 96.25 km
4. 82 Nos of project costing Rs.548.665 crore as detailed below were sanctioned during 2008-09.
- Widening to two Lane – 203.69 km. Rs.305.07 crore
 - Strengthening of existing pavement – 171.44 km. Rs.128.83 crore
 - Improvement of riding quality – 184.26 km Rs.97.56 crore
 - Construction/Rehabilitation of Bridge – 10 Nos for Rs.15.51 crore
 - Protection, Consultancy service, etc – 2.6882 crore
5. 30 projects with an out lay of Rs.210.00 crore have been proposed to Government of India for approval under Annual Plan of 2009-10.
- Widening to two Lane - 60Km
 - Strengthening of existing pavement – 42 km
 - Improvement of riding quality – 73 km
 - Bridge – 10 Nos
 - Re-construction of CD works Rs.4.00 crore
 - L.A. cost for construction of Belpahar by Pass on NH 200 Rs.20.00 crore

Allotment and expenditure during 2008-09 (Rs.in crore)

As on 31.03.2009

Head of expenditure	Allotment released	Expenditure incurred	Length completed in km
NH (Original)	208.84	208.84	Widening -62.50 km Strengthening – 43.62 km I.R.Q.P. – 96.25 km
Periodical Renewal	31.00	31.00	202 km completed
Ordinary Repair	13.65	13.65	Repair works done in all N.Hs as and where required
Flood Damage Repair	17.00	17.00	Immediate restoration works completed in the damaged stretches.