

ACTIVITY REPORT OF WORKS DEPARTMENT FOR THE YEAR 2011-12

INTRODUCTION

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 Odisha. 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.

ORGANISATION

So far, Administrative Unit of Works Department is concerned, there are one Engineer-in-Chief (Civil), 6 Chief Engineers (C.E., DPI & Roads, CE, Buildings, C.E., NH, CE, World Bank Projects, CE, RD & QP, and Chief Engineer-cum-Chief Manager, Technical, State Procurement Cell) and 7 (R&B) Circles, 3 N.H. Circles, 1 Mechanical Circle and 1 Electrical Circle & 1 P.H. Circle headed by Superintending Engineers, who are responsible to the concerned Chief Engineers for the administration and general professional controls of the public works executed by 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 General Electrical Divisions, 4 Mechanical (R&B) Divisions and 2 General Public Health Divisions in the State. Besides this, there are 224 Sub-Divisions held by Sub-Divisional Officers in the rank of Assistant Engineer and Assistant Executive Engineer under the control of Executive Engineers.

The Works Department looks after National Highways, State Highways & District Roads totalling to a length of 18,512.672 km of roads, which is about 7% of the total road length of Odisha. 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 networks are developed systematically. There has been conscious effort to develop roads of Odisha under various schemes.

(i) Category & Road lengths in the State

a) Works Department

I.	National Highways	-	3594.162 km
II.	State Highways	-	3695.475 km
III.	Major District Road	-	4198.266 km
IV.	Other District Road	-	7024.769 km
	Total	-	18512.672 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 Structural Design and Drawings of bridges.
- Finalisation of Architectural and Structural Design and Drawings of the Buildings.
- Construction of Public Buildings.
- Maintenance and repair of residential and non-residential Government buildings.

b) Repair and Maintenance of roads

State PWD (R&B) wing is maintaining 14918.510 km of roads under different categories. The details are shown below :

	Category	Length in km
a)	State Highway	3695.475 km
b)	Major District Roads	4198.266 km
c)	Other District Roads	7024.769 km
	Total	14918.510 Km

TENTH FIVE YEAR PLAN - 2002 TO 2007

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

ELEVENTH FIVE YEAR PLAN - 2007 TO 2012

Eleventh Five Year Plan period has commenced from the year 2007-2008 and will continue till 2011-12. Accordingly, Works Department have formulated its targets for Eleventh Five Year Plan for improvement of 4500 km of road stretches and construction of 52 bridges with financial outlay of Rs.1945.84 Crore. 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 year 2007-08 to 2011-12 (upto December, 2011) of 11th Five Year Plan period is as follows :

Sl. No.	Year	Financial Achievement (Rs. in Crore)	Physical Target Bridge in nos.	Road in km	Physical Achievement Bridge completed in No.	Road in km
01	2007-08	356.29	19	617.69	16	605.390
02	2008-09	727.95	16	458.00	15	534.694

03	2009-10	644.15	12	467.00	13	569.519
04	2010-11	907.93	14	730.00	11	986.001
05	2011-12 (upto Dec. 2011)	472.30	14	684.00	02	307.215
Total		3108.62	75	2956.690	57	3002.819

HIGHLIGHTS OF ACHIEVEMENT UNDER DIFFERENT SECTORS/SCHEMES DURING 2011-2012

1. NABARD

Many Infrastructure Projects 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. After the projects are sanctioned by NABARD, the process of implementation of the projects starts after completion of formalities. Detailed position of the Projects executed under this Scheme are given below :

RIDF	Bridge in No.	Road in No.	Total in No.
I. No. of projects sanctioned by NABARD under Tranche RIDF-I to XVI (by end of 2010-11)	158	233	391 (3 road projects are dropped as proposed to be taken up under World Bank Assistance Scheme, 1 road project is dropped as proposed to be taken up under LWE scheme, 02 bridge projects dropped, 1 no. bridge re-sanctioned under RIDF-X, 2 bridge projects re-sanctioned under RIDF-XII & 1 bridge project re-sanctioned under RIDF-XV)
II. No. of projects completed by 2010-11	120	149	269
III. No. of projects sanctioned	8	28	36

by NABARD under RIDF
XVII during the year
2011-12 by Jan., 2012

IV.	No. of projects completed during the year 2011-12 by Dec, 2011 out of ongoing projects.	1	11	12
V.	Target for completion during 2012-13	2	25	27

By end of December 2011, total 2665.000 km of road length has been improved under this scheme. There is a budget provision for Rs.405.10 Crore during the year 2012-13 for NABARD assistance (RIDF) projects.

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

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

In order to boost the socio-economic condition of people of KBK Districts, Government have taken effective steps to provide better connectivity as well as to improve existing roads. Works Department has been mandated to take up road connectivity programme under RLTAP from the year 2001-02. Most of the roads in KBK Districts pass through Left Wing Extremism prone areas and connect Andhra Pradesh and Chhatishgarh through Odisha. Due to traffic intensity, continuous heavy rainfall 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 disconnect one place from another and hence priority has been given to connect those by constructing bridges. The details of projects taken up and achievement under this Scheme are given below.

Sl. No.	RLTAP (KBK)	Amount (Rs. in Crore)	Bridge (in nos.)	Road (in km)
1.	Projects taken up with Financial allocation from 2001-02 to 2010-11	119.23	30	606.900
2.	Financial and physical Achievement upto 2010-11	113.68	24	515.580
3.	Financial & physical Target for 2011-12	16.81	2	23.000
4.	Financial & physical achievement made upto December 2011 during 2011-12	4.32 Expenditure	0	6.440

3. CENTRAL ROAD FUND

Under this Scheme, roads and bridges on State Highways and Major District Roads are improved with funds received from Government of India as State share of cess on petrol and diesel. Details of projects sanctioned under this scheme and progress thereof are shown below.

Sl. No.	Central Road Fund	Estimated Cost (Rs. in crore)	Bridge (in nos.)	Road (in nos.)
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1.	Project sanctioned under Central Road Fund from 2001-02 to December, 2011	717.72 (Govt. of India Sanction)	21	151
2.	Financial and Physical Achievement made upto 2010-11	478.20 (Expenditure)	20	131
3.	Financial & physical Target for 2011-12	83.18 (Budget provision)	01	09 (Completion of 50 km of road length)
4.	Financial & physical achievement made upto December 2011 during 2011-12	22.19 (Expenditure)	0	02 (Completion of 28.100 km of road length)

4. ONE TIME ACA FOR TOURIST IMPORTANCE ROAD

Odisha is an attractive treasure-trove of Cultures, Customs and Traditions, languages and literature, Art and Architecture. Odisha truly bears the essence of India. Its ancient grandeur is unmatched. 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 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.

By the end of the 2010-11, Planning Commission, Government of India have allocated Rs.349.49 Crore for 74 Nos. of Projects, out of which 45 Nos. of projects have been completed with an expenditure of Rs.300.98 Crore by the end of March 2011. During 2011-12 Planning Commission, Govt. of India have sanctioned 37 Nos. of projects with a cost of Rs.108.67 Crore, out of which 28 Nos. of projects are in progress and 9 Nos. of projects are in tendering stage. During 2011-12 upto December, 2011 an expenditure of Rs.28.80 crore has been made for completion of 40.370 km of road length in different stretches. During 2011-12, 11 Nos. of spill-over projects have been completed so far.

5. RAILWAY-OVER-BRIDGES

Railway-over-bridges are constructed on 50:50 cost sharing basis by Railways and Govt. of Odisha. Works Department is providing funds in Budget out of normal State Plan towards State share. Three ROBs namely (i) at Punama Gate of Bhubaneswar, (ii) at Lanjipali of Berhampur and (iii) ROB at Randia near Baudpur of Bhadrak have been completed by the end of 2009-10. Five ROBs i.e. ROB at Basanti Colony of Rourkela, ROB at Titlagarh, Muribahal in Bolangir District, ROB at Haladiapadar in Ganjam District, ROB at Managovindapur in Jajpur District and ROB at Simulia in Dhenkanal District are in progress. The tender for ROB at Saheed Nagar, Bhubaneswar has been finalized. The tender for ROBs at Mancheswar Level Crossing and near Lingaraj Temple, Bhubaneswar are in process. There is proposal for taking up 6 Nos. of new ROBs at different places during 2012-13.

6. ECONOMIC IMPORTANCE UNDER CENTRALLY SPONSORED SCHEME

Government of India have 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 Crore till end of December 2011. Out of above 9 projects, 8 Nos. of projects have been completed by end of December, 2010-11. By the end of 2010-11, 128.680 km road length have been completed with an expenditure of Rs.215.71 crore. During 2011-12 (upto December, 2011), 14.020 km road length has been completed with an expenditure of Rs.60.77 Crore for the Mega project namely Naranapur-Pandapada-Brahmanipal-Duburi, which is targeted for completion during 2012-13. The proposal for improvement of 34.800 km road length with a cost of Rs.65.70 crore for 2 Nos. of projects has been sent to MORT & H, Government of India for sanction during 2011-12.

7. INTERSTATE CONNECTIVITY UNDER CENTRAL PLAN SCHEME

Government of India has sanctioned 7 Nos. of Road Projects under this scheme with an estimated cost of Rs.57.21 Crore till December, 2011. By the end of 2010-11, 6 Nos. of projects have been completed. During 2011-12 upto December, 2011, 1 No. of project is in progress and targeted to be completed by the end of March, 2012. Against Rs. 52.94 crore released by Govt. of India, an expenditure of Rs.57.55 crore has been made by the end of December, 2011 for improvement of 111.77 km of Road length. The proposal for improvement of 16.800 km road length with a cost of Rs.34.00 crore for 1 No. of project has been sent to MORT & H, Government of India for sanction during 2011-12.

8. ROAD DEVELOPMENT PROGRAMME (GENERAL STATE PLAN)

Under normal State plan, Government provides funds for construction of ROBs, Fly-overs, bridges, improvement of important roads, provision for land acquisition, capacity building, etc. There was a budget provision of Rs.182.35 Crore during 2011-12 for the above purposes. By the end of December, 2011, Rs.93.51 Crore has been spent for improvement of 39.870 km of road length and completion of 1 No. of bridge project.

31 Nos. of roads of total length 1610.250 km have been declared as Core Road Network (CRN) vide Works Department, Government of Odisha Notification No. 2669 dt. 27.02.2009. An amount of Rs.20.00 crore Budget provision was made for improvement of roads of Core Road Network during the year 2011-12. Similarly, an amount of Rs.15.00 crore has been proposed during the year 2012-13.

9. SOME OF THE IMPORTANT ROAD PROJECTS UNDER IMPLEMENTATION

a) Cuttack-Paradeep Road

The improvement of Cuttack-Paradeep road (SH-12) with two-lane rigid pavement with paved shoulders for a length of 82 km connecting Cuttack city and Major Port at Paradeep is under progress at a cost of Rs.219.01 Crore. It passes through densely populated rural areas as well as urban areas of Cuttack and Jagatsinghpur district. The work is under progress in two packages i.e. Package No.-I (0/0 to 43/000km) with agreement value of Rs.112.69 Crore & Package No.-II (43/000km to 82/000km) with agreement value of Rs.112.11 Crore. MORT&H, Government of India have sanctioned Rs.28.20 Crore as contribution to the project under Central Road Fund Grant & funds to the extent of Rs.25.00 Crore are also arranged from sources like Paradeep Port Trust, Orissa Mining Corporation Ltd. Out of Budget provision of Rs.30.66 Crore made for this project under Normal State Plan during the year 2011-12, Rs.22.00 Crore has been spent for improvement of 10.000 km of road length by the end of December, 2011. So far, 52.00 km of road length has been completed with a total expenditure of Rs.203.60 Crore. The project has been targeted for completion during 2012-13.

b) Vijayawada-Ranchi Corridor

State Government has been constantly endeavouring for development of the segment of Vijayawada-Ranchi Corridor within Odisha so as to facilitate development of Left Wing Extremism prone areas in order to bring the inhabitants, who are mainly poor tribals to join the main streams of society. Development of this corridor is anticipated to reduce Left Wing Extremism activities in those areas. Besides, on implementation of this project, a through connection will be available from Vijayawada to Ranchi with accessibility to the vulnerable areas, which will open new avenues for development in these areas, equitable development of the undeveloped areas presently deprived of basic necessities and removal of the regional disparities with improved road connectivity.

Out of 979.70 km of State road under Vijayawada-Ranchi Corridor in Odisha State, action has already been taken for improvement of 776.880 km of roads at a sanctioned cost of Rs.1467.53 Crore through various schemes and implementation is at various stages. So far, 231.260 km length of road has been completed with expenditure of Rs.404.87 Crore. Out of 979.700 km of State roads, Government of India have approved the project proposal for 580.900 km of road length with a cost of Rs.1200.00 Crore to be funded from budget of MORT & H, out of which action has already been initiated for the sanctioned amount of Rs.827.60 Crore for a length of 449.830 km. Besides this, there is proposal for sanction of 10.000 km of road length at a cost of Rs.20.00 Crore under Central Road Fund and 45.750 km of road length at a cost of Rs.91.50 Crore under LWE Scheme (Phase-II) by MORT & H, Government of India. 16.000 km of road length is proposed to be improved under World Bank Assistance. It has been targeted to complete the entire length of 979.70 km by the year 2015.

c) Naranpur-Pandapada-Harichandanpur-Brahmanipal-Duburi Road

Naranpur-Pandapada-Harichandanpur-Brahmanipal-Duburi Road with a length of 91.180 km is being implemented under Economic Importance (E & I) Scheme at a sanctioned cost of Rs.302.09 Crore with 50:50 cost sharing basis. By end of December, 2011, road length to the extent of 69.020 km has been completed with total expenditure of Rs.233.85 Crore. It is targeted to complete the project during 2012-13.

10. ODISHA STATE ROAD PROJECT (OSRP)

Tripartite Loan Agreement has been signed with World Bank for the Odisha State Roads Project (OSRP) 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 ratio of 80:20 by the World Bank and the State Government 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 project is 5 years. The loan agreement was signed in January, 2009 and the loan has been effective since April 15, 2009. 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)
- Bhawanipatna-Khariar (68 km)
- Chandabali-Bhadrak-Anandapur (95 km)

In the meanwhile, the contract for Berhampur-Taptapani road has been terminated. Balance work is proposed to be taken up by inviting fresh tender. It is decided to call the tender for 2nd year road from Cuttack to Chandabali for a length of 106.000 km very shortly after clearance from World Bank.

The project documents for 3 busy corridors such as Sambalpur-Rourkela, Joda-Bamebari and Koira-Rajamunda comprising of 229 km has been prepared to be developed under PPP. The work for Land Acquisition, tree cutting, utility shifting, etc. are to be taken up after observing all official formalities.

Against budget provision of Rs.150 crore for the current financial year 2011-12, 24.585 km of road length has been improved with an expenditure of Rs.53.747 crore by end of December, 2011.

There is a Budget proposal of Rs.105.00 Crore with target to improve 70.00 km length of road during 2012-13.

11. LEFT WING EXTREMISM SCHEME

Government of India have agreed to provide funds for Improvement of road network in 5 Left Wing Extremism affected districts in Odisha i.e. Malkangiri, Rayagada, Deogarh, Sambalpur and Gajapati after constant persuasion of Govt. of Odisha. By the end of December, 2011, Government of India have sanctioned 14 Nos. of Projects i.e. 2 Nos. in Gajapati District, 2 Nos. in Rayagada district, 1 No. in Sambalpur District and 9 Nos. in Malkangiri District for improvement of 614.82 km of road length and construction of 1 No. of bridge over river Gurupriya with a sanctioned cost of Rs.948.56 crore, out of which work for 11 Nos. of projects, i.e. 2 Nos. in Gajapati district, 2 Nos. in Rayagada district, 1 No. in Sambalpur district and 6 Nos. in Malkangiri district are in progress. The tender for another 2 Nos. projects in Malkangiri district have been finalized and agreement drawn and work to be started. The tender for 1 No. bridge over river Gurupriya is in process. Till date, 73.760 km road length has been completed with an expenditure of Rs.207.22 Crore. Government of India have been requested to approve another 45 No. of road proposals for improvement of 1358.240 km of road length at a cost of Rs.2674.00 Crore in the Naxal affected districts under LWE scheme (Phase-II) which is under consideration.

12. ACTIVITIES ON MAINTENANCE OF ROADS

Maintenance of extensive road networks is a major prerequisite in the context of upkeepment of Capital assets. Due to rising trend in traffic, it has also been imperative to conceive a well-formatted maintenance schedule for better maintenance of roads with the available resources. Besides rising trend of traffic, other factors like flood/cyclone and other natural calamities also play a role in damaging the roads every year. Accordingly keeping the Budget Provision in view, Annual Maintenance plan for the year 2011-12 was prepared and targets and achievements are indicated below. It has been proposed for provision of Rs.603 crores for maintenance of road assets during financial year 2012-13.

Target and Achievement of 2011-12

Sl. No.	Category of road	Nature of Repair	Target for 2011-12	Achievement of 2011-12 (by end of December, 2011)
1. State Highways				
		i) Special Repair	2 Nos. of Bridge & 37.75 km length of	2 Nos. Bridge & 25 km of road

		road	
	ii) Periodical Renewal	356.00 km	270 km
	iii) Pothole Repair/ Routine maintenance	2242.100 km	2200.00 km
	iv) Repair to CD Work	81 Nos.	76 Nos.
2	MDR/ODR		
	i) Improvement	120 Nos. of CD work & 130.264 km length of road	40 Nos. CD works & 83.00 km road
	ii) Special Repair	81.00 km or road length	56.00 km
	iii) Periodical Renewal	1115.00 km	731.00 km
	iv) Pothole Repair/ Routine maintenance	7650.174 km	6793.00 km
3	Core Road Network		
State Highways	i) Pothole Repair/ Routine maintenance	530.00 km & 63 Nos. of CD works works	338.00 km & repair of 36 Nos. CD
	ii) Special Repair/ Periodical Renewal	47.849 km & 22 Nos. of CD works	25.150 km and S/R of 12 Nos. CD works
MDR/ ODR	i) Pothole Repair/ Routine maintenance	314.515 km & 12 Nos. of CD works	241.100 km and repair of 5 nos. of CD works
	ii) Special Repair/ Periodical Renewal works	63.287 km & 2 Nos. of CD progress	21.830 km and CD works in

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 construction/maintaining the existing one located throughout 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 year 2011-12 speaks the entire of spectrum of all-round development.

ACTIVITIES ON BUILDING WORKS FOR 2011-2012

(Rs. in Lakhs)

Scheme	Budget	Expenditure	Total Projects	Completed during
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	Allocation		taken up	the year
SP	13493.93	4408.64	284	261
CP	564.15	-	-	-
NP	28448.22	12953.78	-	-
13th FCA	1099.70	400.00	4	2
Total	43606.00	17762.42	288	263

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
- In the backward areas covered under TASP, SCSP, 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 Department takes over most of the Hospitals, Dispensaries, CHC, PHC, UGPHCs 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, School & Colleges.
- Sports Stadia & Hostels, Sports Complexes in different Districts.
- Buildings of Art & Cultural Centers.
- Court complexes, residential buildings of Judiciary Staff, E-Court 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 are listed below:

Department	Projects	Project Cost (Rs. in Lakh)
(1)	(2)	(3)
Works	2nd floor to 5th floor of EAP building at Bhubaneswar	Rs.646.30
Industries	Parala Maharaja Engineering College, Berhampur	Rs.2371.72
	Govt. College of Engineering, Kalahandi, Bhawanipatna	Rs.994.25
	Construction of new ITIs, Engineering Schools, Polytechnics including institutions blooming for Center of Excellence (Deposit)	Rs.5290.00
Health	Cardiology Institute, SCB MC & H, Cuttack	Rs.843.76
	Dental wing of SCB MC & H, Cuttack	Rs.1071.93

	Multi-storied building for Doctors of SCB MC & H, Cuttack	Rs.800.30
	Paediatric ward of MKCG MC & H, Berhampur	Rs.193.38
	Medicine ward of the MKCG MC & H, Berhampur	Rs.273.87
	Orthopedic ward of the MKCG MC & H, Berhampur	Rs.152.60
	Library building of the MKCG MC & H, Berhampur	Rs.743.98
	Library Building of V.S.S. Medical College, Burla	Rs.50.65
Revenue	Collectorate Buildings at Bargarh, Jharsuguda, Sonepur, Nuapada, Malkangiri, Angul, Rayagada	Rs.2685.13
	Circuit House at Sonepur, Malkangiri, Kendrapara, Berhampur	Rs.502.36
	Tahasil office at Kabisurya Nagar, Belguntha, Polsora, Ganjam, Jatani	Rs.371.00
Home	Judicial Academy	Rs.2063.46
Agriculture	Construction of Administrative-cum-Academic block of Agriculture College at Bhawanipatna	Rs.576.12
Higher Education	S.G. Women's College, Rourkela	Rs.385.96

The statistics of the recent years say that the plinth area of the Capital Building assets covering the entire State as on 2010-11 is 7935159 sqm. (both Residential & Non-Residential) and undergo a substantial increase in the subsequent year i.e. 2011-12 totalling to 8292241 sqm. (both Residential & Non-Residential). 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 8665392 sqm (both Residential & Non-Residential) as projected for the year 2012-2013. This includes the new constructions of upcoming projects programmed for the year 2011-12 as well as upkeeping 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 projects within the scheduled time.

ACTIVITY REPORT OF NATIONAL HIGHWAYS ORGANISATION

Organization: 16 Nos. of National Highways measuring 3594.162 km in length traversed through the State of Odisha. Out of 3594.162 km of total length of National Highways in Odisha, 2523.863 km is under the control of NH wing of State PWD, and remaining 1070.299 km have been transferred to National Highways Authority of India for improvement under NHDP.

1. FINANCIAL ACHIEVEMENT DURING 2011-12 (as on end of January, 2012)

Head of account	Allocation Rs. in crore	Utilization Rs. in crore
NH Original works	307.00	204.43
Periodical Renewal works	23.97	18.32
Flood Damage repair	1.64	1.64
Ordinary Repair	8.16	8.16
Special Repair (State Plan)	10.50	6.50
Total	351.27	239.05

2. PHYSICAL ACHIEVEMENT DURING 2011-12 (As on end of January, 2012)

Widening to two Lane	57 km
Strengthening of existing pavement	35 km
Improvement of Riding Quality	61 km
Periodical Renewal	120 km

3. FUTURE PLAN FOR IMPROVEMENT OF NATIONAL HIGHWAYS

A) Improvement of NH to two lane standard under Special Project

Improvement of 249.37 km of NHs as detailed below has been identified for improvement to two lane standard with extra budgetary support under special project. Out of 8 projects, sanction for 7 Nos. projects i.e. Sl. 1 to 7 have been received during 2009-10 and the remaining one is likely to get sanction during 2011-12. The works of all sanctioned 7 projects are in progress.

Sl. No.	NH Corridor	NH	Chainage in km	Length in km
1	Kolabira-Kuchinda-Bhojpur	200	89 to 104 & 117 to 131	29.00
2	Boriguma-Nawarangpur	201	0.0 to 25.0	25.00
3	Koksara-Bhawanipatna	201	95.0 to 112.11 & 113.8 to 143.4	46.71
4	Bangamunda-Titilagarh	217	164.0 to 189.0	25.00
5	Baliguda-Daringibadi	217	329.0 to 375.0	46.00
6	Madhapur-Purunakatak	224	159.0 to 184.260	25.26
7	Telibandha-Manamunda	224	224.0 to 249.0	25.00
8	Kesinga-Saintala	201	176.6 to 204.0	27.40
			Total	249.37

B) Also there is proposal to improve 557.485 km comprising 354.604 km of Single lane, 112.558 km of Intermediate lane and 90.323 km two-lane under special project under World Bank assistance for which Ministry of Road Transport Highways, Govt. of India has engaged consultant for preparation of D.P.R. The DPRs are in advance stage.

Sl. No.	NH	Corridor	Stretch		Length in km	Present position
			From	To		
1	23	Pallhara-Pitri Junction	337.47	405.48	68.01	
2	217	Belgaon-Baliguda	202.89	319	116.11	
3	200	Rengali-Talcher	227	295	68.00	
4	217	Daringibadi-Sorada	375	439.365	64.365	
5	224	Daspalla-Madhapur	102	159	57.0	
6	200	Bhojpur-Chhatabar	131	192	61.0	
7	201	Nawarangpur-Koksara	25	80	55.0	
8	217	Nuapada-Bangamunda	90	158	68.0	
		Total			557.485	

C) Position of Vijayawada-Ranchi Corridor in Odisha (NH portion)

239.3 km of NHs is coming under NH network, out of which 31.5 km is coming under NHDP phase-III which is under implementation by NHAI. Present status of NH coming under V-R Highway section is given below.

(Length in km)

Total length of NH under V-R Highway	Length to be transferred to NHAI	Balance length with NH wing (1-2)	Length improved		Total	Two Lane under Progress	To be improved
			Length improved previously	Length recently improved			
1	2	3	4	5	6	7	8
239.3	32.5	206.8	144.00	39.54	183.54	23.26	0

After completion of the work under progress, NH stretches coming under V-R Highways shall be upgraded to two lane standard.

D) Construction of By-pass and By-pass-cum-ROB near congested towns/Level crossing

Proposal for construction of By-pass for the following towns has been proposed and Detailed Project Report has been received for the first 7 projects.

1. By-pass cum ROB near Koraput on NH 43
2. By-pass near Borigumma on NH 201 & NH 43
3. By-pass Jeypur on NH 43.
4. By-pass cum ROB near Berhampur on NH 217
5. By-pass cum ROB near Bolangir on NH 201.
6. By-pass cum ROB near Titilagarh on NH 217.
7. By-pass cum ROB near Belpahar on NH 200
8. By-pass near Nabarangpur on NH 201
9. By-pass near Deogarh on NH 6

Ministry of Road Transport & Highways has been moved to provide funds for acquisition of land for the first five projects amounting to Rs.68.50 crore in the draft Annual Plan of 2012-13. Belpahar By-pass shall be taken up under PPP mode. Deogarh By-pass is to be implemented by NHAI under NHDP Phase-IVB.

E) Improvement of NH under PPP mode

A portion of NH 200 from Kanaktora to Jharsuguda measuring 68 km in length has been identified for improvement to two lane with paved shoulder under PPP mode. Request for Qualification (RFQ) shall be issued after approval of the proposal by SFC, Ministry of RT&H, Govt. of India.

F) Proposal for new National Highways

Government of Odisha have forwarded a proposal to the Ministry of Road Transport & Highways, Govt. of India for consideration of the following five State Roads as National Highway.

- a) Road - Berhampur-Koraput - 313.6 km
- b) Madhapur to Kerada Road via Sarangada, Baliguda,

Tumudibandha, Durgapanga, Muniguda, Komtalapeta, Rayagada	- 292.6 km
c) Charichhaka-Gop-Konark Road	- 104 km
d) Kuakhia-Jajpur-Aradi-Bhadrak Road	- 96 km
e) Palasa-Paralakhemundi-Muniguda-Bhawanipatna-Rajkhariar Road	- 277.5 km

ARCHITECT WING

The office of the Chief Architect is working as an independent Heads of Department under the administrative control of Works Department and looks after the architectural matters of the State of Odisha. Besides the above, this office also prepares architectural drawings and designs of various building projects for Works Department and also for other Departments. During the financial year 2011-2012 up to the December, 2011, 68 nos. of projects amounting approximate estimated cost of Rs.280,47,27,000/- have been prepared and supplied to the concerned R&B Division for necessary execution. Out of 68 nos. of projects, the following are the important & prestigious buildings:

Name of the important projects of the year 2011-12

1. Proposed Government Engineering College at Narendrapur & Sitalapalli (on SH 32) Berhampur, Ganjam (2nd, 3rd and 4th)
2. Proposed 400 seated girls hostel for B.Sc. Nursing College building inside SCB Medical College & Hospital, Cuttack (G+5)
3. District Headquarters Hospital at Dhenkanal and Jharsuguda
4. Proposed Pulmonary medicine of VSS Medical College & Hospital at Burla (G+3)
5. Proposed Collectorate building at Angul (G+3)
6. Proposed District Judge Court building (Basement+G+3)
7. Proposed expansion of labour room, OT & Obestratic ward at SCB Medical College & Hospital, Cuttack (G+4)
8. Proposed new building for medicine, surgery, ICU & OT complex for VSS Medical College & Hospital, Burla (G+5)
9. Proposed 300 seated boys & girls hostel for Class-III-VIII in the Tribal Sports Complex in Odisha (G+2) (Type plan Sundargarh)
10. Proposed 120 seated boys & 120 seated girls hostel for Class-VIII-XII in the Tribal Sports Complex in Odisha (G+2) (Type plan Sundargarh)
11. Construction of proposed building under Centre of Excellence for mental health Institute inside SCB Medical College & Hospital campus, Cuttack
12. Proposed District Court building & other Court building at Bhawanipatna (Basement+G+5)
13. Proposed Paediatric building for VSS Medical College & Hospital, Burla (G+8)
14. Proposed new Radio-Diagnosis building for MKCG Medical College & Hospital, Berhampur
15. Construction of proposed O & G Ward of MKCG Medical College & Hospital, Berhampur (G+6)
16. Proposed Collectorate building at Bhadrak

17. Proposed Library building of MKCG Medical College & Hospital, Berhampur (G+4)
18. Proposed New Government Quarters at Unit-VIII, Bhubaneswar
19. Proposed New Government Quarters at Unit-IV, Bhubaneswar
20. Proposed 375+375 seated Lecture Theatre for MKCG Medical College & Hospital, Berhampur
21. Proposed additional Lab & CR of OSME Keonjhar
22. Proposed 500 seated School building for Tribal Sports complex in Odisha (Type plan)
23. Proposed G+6 Super specialized block at MKCG Medical College & Hospital, Berhampur
24. Proposed Indoor complex at District Headquarters Hospital at Kendrapara (Basement+G+7)
25. Proposed OAT building at Cuttack (G+4)
26. Proposed extension & Landscaping of Secha Sadan complex at Bhubaneswar (2 blocks) (G+2)
27. Proposed office space for GA Department & Forest Department behind Red building at Secretariat, Bhubaneswar (G+6)
28. Proposed building for Department of PMR Centre at MKCG Medical College & Hospital, Berhampur (G+4)
29. Proposed model Degree College building plan in Odisha (G+2)
30. Proposed DD (Jr.) College at Keonjhar (G+3)
31. Proposed Lecture Theater, Auditorium & Examination Hall of SCB Medical College & Hospital, Cuttack for 250 UG admission (G+7)
32. Proposed Geo-science block of DD College, Keonjhar
33. Proposed building of Burn Unit for MKCG Medical College & Hospital, Berhampur (G+3)
34. Proposed multistoried complex with provision for parking & lawyers chamber of Odisha High Court, Cuttack (G+7)