

**Infrastructure Projects under implementation in the State of Karnataka**

**Present Status of Projects**

As on 01-10-2004, 32 central projects costing Rs.9,262 crore were under implementation in Karnataka. Sector-wise, these include 14 Railway projects, 11 Road Transport and Highway Projects, 3 Power Projects, 1 Atomic Power Project, 1 Civil Aviation Project, 1 Telecommunication Project and 1 Shipping and Port Project. The details of 32 projects are highlighted below:

**SECTOR: ATOMIC ENERGY**

**1. Kaiga Atomic Power Project 3 & 4 Units, Kaiga, Uttara Kannada Distt.,Karnataka (NPCIL)**

A project to set up 2 x 220 Mwe nuclear power stations (Unit 3 & 4) at Kaiga, in Uttara Kannada district in Karnataka, was taken up at a sanctioned cost of Rs.4213.00 crore in May 2001. The originally scheduled dates of criticality were April 2008 (Kaiga 3) and April 2009 (Kaiga 4) respectively. The total cost of the project (Kaiga 3 & 4) has been revised downwards to Rs.3282.00 crores. An amount of Rs.905.00 crore has been incurred so far with the physical progress of 45.90%.

**SECTOR: CIVIL AVIATION:**

**2. Construction and strengthening of the runway-Mangalore Airport**

The project was approved in August, 2003 at an estimated cost of Rs.55.26 Crore. The work of the project has been categorized in three packages. Package – I consists of Construction of new runway, strengthening of existing runway, extension and strengthening of Apron, Taxi-track and construction of shoulders and associated electrical works. Package – II involves construction of retaining walls and stone pitching. Allied works including electrical work and cost of CNS equipment have been kept under Package - III. The project is in the initial stage of implementation. Under Phase-I survey for new runway has been completed and for existing runway in progress. Earth work is in progress. The stipulated date of completion of the project is October, 2005. Package-II and III are at the Planning stage.

**SECTOR: POWER**

**3. Kaiga-Narendra Transmission System**

The project was approved in November, 1999 at estimated cost of Rs.75.99 crore. The project cost was subsequently revised to Rs.135.14 crore. Two 400 kV D/C lines from Kaiga to Sirsi were planned to evacuate power from Kaiga APP. One of the D/C lines was to be constructed by Powergrid and the other by KEB. The project was delayed due to non-clearance of forest proposal and change of contractor. The project is scheduled to be completed by March 2006.

**4. 400/220 KV Substation at Narendra**

The project for establishment of 400/220 KV substation at Narendra with 2x315 MVA transformers along with 220 and 400 KV bays was approved in February, 2003 at an estimated cost of Rs.60.51 crore with the completion schedule of 30 months, i.e. August, 2005.

**5. Neelamanglam- Mysore Transmission System**

Approval for this project was accorded in July 2003 with an estimated cost of Rs.154.93. The project comprises of (i) 400 KV D/C Neelamangala – Mysore Transmission Line (310 CKM) (ii) 400/220 Kv, 2X315 MVA Mysore Sub Station and (iii) Extension of Neelamangala (KPTCL) 400/220 Kv S/S. This project is scheduled for completion by July 2006.

**SECTOR: RAILWAYS**

**Line Doubling:**

**6. Kengeri –Ramanagaram Patch Doubling – SWR**

This project was approved in March, at an estimated cost of Rs.45.00 crores. Subsequently, the project was frozen but de-frozen by the Railway Board during August,2002. Detailed estimate was sanctioned by the Railway Board on 12/3/2003 for Rs.58.85 crore. Work in respect of 38 Minor bridges completed. Earth work (2.10 lakhs cu.m completed) and work relating to balance minor bridges (between Kengeri – Bidadi) are in progress. Physical progress achieved is 20%.

**7. Bangalore City – Kengeri - SWR**

This Line Doubling project covering a route length of 12.45 Kms. was sanctioned in March, 1996 at an estimated cost of Rs.27.89 crore. Work is in progress and physical progress achieved so far is estimated at 21%.

**8. Yeswantpur –Tumkur –SWR**

This Line Doubling project. was sanctioned in February, 1999 at an estimated cost of Rs.91.82 crore. Work is in progress and physical progress achieved so far is estimated at 22%.

**Gauge Conversion**

**9. Arsikere - Hassan-Mangalore – SWR**

This project was sanctioned in April,1995 at an estimated cost of Rs.186.16 crore. The anticipated cost of the project is Rs.312.42 crore. The Section from Arsikere to Hassan (47 Kms) completed and commissioned on 23.8.1996 and Hassan to Sakleshpur (42 Kms) completed on 24.12.1997. The Section from Kabakaputtur – Kaladi (44 kms) completed and was opened for traffic on 28.12.2003. In the remaining Section i.e. Sakleshpur to Kabakaputtur (100 kms), work is in progress. The cumulative progress achieved is estimated at 90%.

**10. Hubli-Ankola – SWR**

This project was sanctioned in April,1995 at a cost of Rs.227.00 crores. Subsequently, the cost was revised to Rs.995.58 crore and was sanctioned in April,2000. No date of commissioning has been fixed. Earthwork and work relating to minor bridges are in progress for 33 kms. from Hubli end. Work relating to three major bridges is in progress. Physical progress achieved is estimated at 5%.

**11. Shimoga – Talaguppa – SWR**

This project was approved in December 1992 at an estimated cost of Rs.46.00 crore. Work is in progress in the entire route length (97 Kms.) from Shimoga-Talaguppa. Physical progress achieved is 5%.

**12. Mysore - Chamarajanagar – SWR**

This Gauge Conversion Project covering a route length of 61 Kms. was sanctioned in October, 2001 at an estimated cost of Rs.85.36 crore. Work is in progress and about 16% physical progress has been achieved so far.

**New Line:**

**13. Kottur-Harihar – SWR**

This New Line project was sanctioned in April,1995 at a cost of Rs.65.94 crore. Detailed estimate sanctioned for Rs.124.13 crores in January,2001. State Government have agreed to share 2/3rd cost of this project (i.e. 82.67 crores towards the share of the State and Rs.41.33 crores for Railways) and deposited Rs.3.34 crore. Earthwork and work relating to minor bridges commenced in a route length of 40 kms. from Kuttur end. Physical progress achieved is 16%.

**14. Hassan-Banglore (Via Sharavanabelagola) – SWR**

This New Line Project was sanctioned at an estimated cost of Rs.295.00 crore. Subsequently, the cost was revised to Rs.412.91 crores in January,2003. Earthwork and work relating to minor bridges in a route length of 43 kms. from Hassan and 16 kms. from Bangalore end are in progress. Physical progress achieved is estimated at 28%.

**15. Kadur-Chikmagalur-Sakleshpur – SWR**

This project covering a route length of 100 Km. was sanctioned at a cost of Rs.157.00 crore in April,1996. Land acquisition in respect of 220 Hec. out of 242 Ha. has been completed. Earthwork and work relating to Minor bridges are in progress in 40 out of total 45 kms. in Kadur – Chickmagalur Section (Percentage of progress of work is 65% in this Section). Physical progress achieved is estimated at 12%.

**16. Bidar-Gulbarga – SCR**

This project was approved in February, 1999 to provide backward linkage to the districts of Bidar and Gulbarga and also forward linkage to Mumbai and Bangalore. Original cost of this project was Rs.242.42 crore. The anticipated cost is Rs.369.70. 182 ha of land covering a route length of 30 Kms. is taken over from Govt. of Karnataka. Tenders awarded for Earthwork and minor bridges. Physical progress achieved is estimated at 2%.

**17. Bangalore-Sathyamangala – SWR**

This project was sanctioned in February, 1999 at an estimated cost of Rs.138.00 crore (subsequently revised to Rs.225.00 crore). Final location survey between Bangalore and Chamarajanagar via Kankapura (162 kms) completed and report is under verification. Final location survey between Chamarajanagar and Sathyamangala (98 kms) is also in progress.

**Workshops & Production Unit:**

**18. Wheel Shop Capacity Augmentation – SR**

The scheme was sanctioned in May, 1998. The proposed scheme envisages stepping up the capacity for wheel production from 95,000 units to 1,15,000 units and wheel sets from 35,000 units to 48,000 units per annum. The detailed estimate of the work has been sanctioned for Rs.42.63 crore. The work is in progress and is expected to be completed by March, 2005.

**19. Construction of 50 Loco-sheds - Hubli – SR**

This project was sanctioned at a cost of Rs.15.26 crore in April, 1997. The work was sanctioned for homing state of art technology GM locomotives. The Detailed Estimate amounting to Rs.22.26 crores was sanctioned on 21.5.97 and work is in progress and is scheduled for completion by March, 2005.

**SECTOR: ROAD TRANSPORT AND HIGHWAYS**

**National Highway Development Project (Phase – I) :**

On 5.4.2000, the Union Cabinet approved "in principle" NHDP consisting of Golden Quadrilateral connecting the 4 Metro cities, North - South and East – West Corridor and other works over a length of 13,252 Km at a cost of Rs.54,000 crore as well as to providing connectivity to major ports at a cost of Rs.4,000 crore. Phase – I of NHDP consists of a length of 6,359 Km at a cost of Rs.30,300 crore. Data-base of this project has been sub- divided into :

- i) Golden Quadrilateral
- ii) North South Corridor
- iii) East corridor
- iv) Port Connectivity

The status of works in Karnataka are as follows:

**20. Maharashtra Border – Belgaum (Km 592-515) -Golden Quadrilateral (GQ):**

This project was approved in April 2000 at a cost of Rs.332.00 crore. Physical progress achieved is 94.15%. The project is likely to be completed 4 months ahead of schedule. The likely date of completion of the project is October, 2004 against the original schedule of December, 2004.

**21. Belgaum Bypass (Km 515-495) (GQ):**

This project was approved in April 2000 at a cost of Rs.115.90 crore. Physical progress achieved is 81.63 %. This project is scheduled for completion in March 2005.

**22. Belgaum - Dharwad (Km 495-433) (GQ):**

This project was approved in April 2000 at a cost of Rs.279.00 crore. Physical progress achieved is 35.52 %. This project is scheduled for completion in April 2005.

**23. Hubli - Haveri (Km 404-340) (GQ):**

Original cost of this project is Rs.260.93 core which was approved in April 2000. Physical progress achieved so far is 25.40 %. Poor performance on the part of main contractor and sub-contractors, as also non-availability of stone of the desired grade have delayed completion of the project. The anticipated date of completion of the project now is December, 2005 against the original date of completion of December, 2003.

**24. Haveri - Harihar (Km 340-284) (GQ):**

This project was approved in April 2000 at a cost of Rs.241.00 crore. Physical progress achieved is 26%. Poor performance on the part of domestic and foreign contractors has led to occurrence of time overrun in the project. The likely date of completion of the project now is December, 2005 against the original schedule of August, 2004.

**25. Harihar -Chitradurga (Km207-189) (GQ):**

The project cost is Rs.318.00 crore which was approved in April 2000. Physical progress achieved is 33%. Poor performance on the part of the contractor has delayed completion of the project. The likely DOC of the project is now December, 2005 against the original schedule of August, 2004.

**26. Chitradurga Bypass (Km 207-189) (GQ):**

This Project was approved in April 2000 at a cost of Rs.104.00 crore. Physical progress achieved is 34 %. This project is scheduled for completion in June 2005.

**27. Chitradurga - Sira (Km189-122.3) (GQ):**

This Project was approved in April 2000 at a cost of Rs.304.00 crore. Physical progress achieved is 41%. This project is scheduled for completion in May 2005.

**28. Sira -Tunkur (Km116.4 -75)(GQ):**

This Project was approved in April 2000 at a cost of Rs.184.00 crore. Physical progress achieved is 74%. This project is scheduled for completion in November 2004.

**29. Tunkur Bypass (Km 75 – 62) (GQ) :**

This Project was approved in April 2000 at a cost of Rs.83.00 crore. Physical Progress achieved is 42.40%. The likely date of completion of this project is December 2004.

**30. Nandi Hills – Devanhalli (Km 556 – 539) (North South Corridor Phase – II) :**

This Project was approved in April 2000 at a cost of Rs.172.06 crore. Physical progress achieved is 25%. The likely date of completion of this project is March 2005.

**SECTOR: SHIPPING & PORTS**

**31. Construction of Additional General Cargo Berth, New Mangalore.**

This project was sanctioned in July, 2001 at an estimated cost of Rs.37.54 crore (Anticipated cost is 44.54 crore). Anticipated date of completion is October, 2005.

**VII. TELECOMMUNICATIONS**

**32. CSN, Bangalore**

The project envisaging production of 500 K lines equipment by the Bangalore Unit of ITI was approved by the Govt. in May, 2000 at estimated project cost of Rs.37.98 crore. Physical progress achieved so far is 80%. The likely date of completion of this project is November, 2006.