

Performance of Highways Department During 2007-2008

I. ROADS AND BRIDGES

Tamil Nadu is a large state with a high level of urbanization. Infrastructure facilities play an important role in the economic development of the state. Rail and Road are the dominant modes of transport in the State and are well coordinated.

The road transport network in the State contributes substantially to the development of a strong industrial base and for the development of the whole economy. The Highways Department is in-charge of planning, designing, construction and maintenance of Government Roads and Bridges in Tamil Nadu

ROAD LENGTH (CATEGORY WISE)

The length of various Government roads in Tamil Nadu as on 31.03.2008 are given below:

Length in km

Sl. No.	Classification	Length	Authority
1	National Highways (NH)	1240 km	Chief Engineer (National Highways)
		3260 km	National Highway Authority of India
2	State Highways(SH)	9264 km	Chief Engineer (H) General
3	Major District Roads(MDR)	9451 km	Chief Engineer (H) General
4	Other District Roads (ODR)	36510 km	Chief Engineer (H) General
5	Sugarcane Roads	1746 km	Chief Engineer (H) Projects
Total		61471 km	

**LANE WISE DETAILS OF GOVERNMENT ROADS AS ON
31.03.2008**

S. No	Category of road	Single lane	Inter mediate lane	Double lane	Multi lane	Total
1	National Highways (under NH wing)	18	42	1155	25	1240
	National Highways (under NHAI)	-	-	2791	469	3260
2	*State Highways	827	954	7021	462	9264
3	*Major District Roads	3961	2869	2419	202	9451
4	Other District Roads	33895	1939	646	31	36510
5	Sugarcane roads	1711	3	32		1746
	Total	40412	5807	14064	1189	61471
Percentage of lane width to the total length of roads		65.74%	9.45%	22.88%	1.93%	
(* Includes roads for which widening is in progress)						

SURFACE WISE LENGTH

Length in km

S. No	Category of road	Cement Concrete (c.c)	Black Top (B.T)	Metalled (*)	Un metalled (*)	Total
1	National Highways	2	4498	-	-	4500
2	State Highways	4	9260	-	-	9264
3	Major District Roads	3	9446	1	1	9451
4	Other District Roads	6	36483	19	2	36510
5	Sugarcane Roads	-	1746	-	-	1746
Total		15	61433	20	3	61471

[* The stretches which are in the area other than Forest areas will be converted as BT roads during 2008-09]

FINANCIAL PERFORMANCE:

The financial allotment made and expenditure incurred during 2007-08 and target for the year 2008-2009 under plan schemes are given below:

(Rs. in Lakhs)

S. No.	Name of Scheme	2007-2008		2008-2009
		Budget Estimate	Expenditure	Budget Estimate
	Chief Engineer (National Highways)			
1	National Highways-Original Works	0.03	191.36	0.07
2	Tribal Sub-Plan	0.06	-	0.05
3	CRF – State Allocation	0.02	-	0.11
4	Revamped Central Road Fund	12500.00	8706.00	7504.23
5	Western Ghat Development Programme (Road Sector)	22.44	88.67	0.89
6	Hill Area Development Programme (Road sector)	240.00	298.10	--
7	Inter State Connectivity	-	15.50	537
	Total for Chief Engineer, National Highways	12762.55	9299.63	8042.35
	Chief Engineer(General)			
	State Highways			
8	Bridges	326.00	128.47	530.8
9	Roads	436.05	475.10	198.27
	Land(Erode outer ring road)	2200.00	2200.00	0
10	16 major works	200.95	235.19	222.55
11	Bridges- 17 minor works	55.62	50.63	51.04
	Sub-Total	3218.62	3089.39	1002.66

(Rs. in Lakhs)

S. No.	Name of Scheme	2007-2008		2008-2009
		Budget Estimate	Expenditure	Budget Estimate
	Major District Roads			
12	Major District Roads	633.78	778.05	209.02
13	16 Major works	200.82	182.97	192.10
14	17 minor works	81.98	80.84	61.77
	Sub-Total	916.58	1041.86	462.89
	Other District Roads			
15	Other District Roads	2447.01	754.72	1562.55
16	16 major works	200.99	208.55	202.09
17	17 minor works	121.00	115.84	87.38
	Sub-Total	2769.00	1079.11	1852.02
	Rehabilitation of Distressed Bridges			
18	Rehabilitation of Distressed Bridges	1313.94	579.85	984.76
19	16 major works	128.70	123.98	129.64
	Sub-Total	1442.64	703.83	1114.40
20	Unbridged crossings construction of bridges	57.08	90.00	59.40
21	Other Roads	250.01	133.52	250.46
22	Tools and Plant	0.01	-	0.01
23	CityTraffic Improvement works - CE (Gen)	0.01	-	0.01
	CRIDP			
24	CRIDP- SH	35697.00	41543.57	44144.00
25	CRIDP- MDR	37081.00	37988.79	28392.00
26	CRIDP- ODR	14825.00	16193.85	16263.00
27	CRIDP- SCP	8597.00	10512.57	9504.00
	Sub- Total	96200.00	106238.78	98303.00
28	High density Corridor	0.01	-	0.01
29	Improvement to Chennai Radial Roads	100.00	-	100.00
30	Expenditure met from floatation of TIDCO bonds for ODR works	0.01	-	0.01
31	Construction of bridges in PU areas	0.02	-	0.01

(Rs. in Lakhs)

S. No.	Name of Scheme	2007-2008		2008-2009
		Budget Estimate	Expenditure	Budget Estimate
32	Acquisition of lands for bypasses			
	Works	286.01	0.20	296.01
	Land	88.00	-	10.00
33	Special Bridges scheme	0.02	-	0.05
34	Improvements of roads in Coastal Districts	0.01	-	0.01
35	Improvements of roads in Industrial Areas	0.03	-	0.35
36	Improvement of roads in Kancheepuram City under Textile Centre Infrastructure Development Scheme (TCIDS)	45.79	200.01	45.20
37	Miscellaneous Original works	0.01		0.01
38	Improvement of roads with loan assistance from MRL	0.01		0.01
39	Improvement to accident prone spots	0.01		0.01
40	Improvement of roads with loan assistance from HUDCO/ TUFIDCO	0.01		0.02
41	CMDP	20000.00	10950.00	25000.00
42	Upgradation of IT highway	0.02	3676.44	0.02
43	Improvements of vital roads in Industrial areas through TNRIDC	7600.00	1445.00	11900.00
	Plan Total -General	125373.91	128648.14	140396.57
44	Tsunami – Centrally assisted		5005.00	11820.36
	Total for Chief Engineer (General)	125373.91	133653.14	152216.93

(Rs. in Lakhs)

S. No.	Name of Scheme	2007-2008		2008-2009
		Budget Estimate	Expenditure	Budget Estimate
	Chief Engineer (H) NABARD and Rural Roads			
45	Improvement to district and other roads with NABARD assistance	2064.01	1766.00	223.00
46	Construction of Bridges in Government Roads	6593.11	3348.00	5525.00
47	Construction of Bridges in Government and Rural Roads			3402.00
48	Improvement of Rural Roads with NABARD assistance	13500.00	9497.00	13400.00
49	Improvement to bus route with NABARD assistance	6630.01	4853.00	4600.00
50	Improvement to Rural Roads with loan assistance from NABARD under scheduled Caste Sub Plan	3006.01	2054.00	3700.00
51	Comprehensive Road Infrastructure Development Programme- Rural Panchayat union roads	700.00	557.00	0.01
52	NABARD assisted Panchayat and Panchayat Union Roads	1800.00	2392.00	0.01
53	Construction of bridges under Tsunami Emergency assistance Project	4100.02	1286.00	4250.00
	Plan Total-NABARD & Rural Roads	31800.05	25753.00	35100.02
54	Construction of bridges under Tsunami Rehabilitation Programme		531.00	4590.00
	Total for Chief Engineer NABARD & Rural Roads	31800.05	26284.00	39690.02

(Rs. in Lakhs)

S. No.	Name of Scheme	2007-2008		2008-2009
		Budget Estimate	Expenditure	Budget Estimate
	Chief Engineer (Projects)			
55	Construction of ROB in Chennai Metro Area for Traffic Management	5010.00	12.45	5194.95
56	Bus route improvement in Chennai Metro Area	0.01	-	0.01
57	Missing links in CMA	0.01	-	0.01
58	Construction/ Reconstruction of bridges with loan assistance from HUDCO	280.10	250.00	948.88
59	Constn./ Reconstrn. of bridges and improvement of roads with loan assistance from NABARD	911.78	450.00	5192.45
60	Rural Roads - Marketing centre	0.39	20.47	0.39
61	Roads in cyclone affected area	1.13	33.39	0.14
62	Construction of Interchange at of junction of Pondy-Krishnagiri road under IS&EI	0.01	-	0.01
63	City Traffic Improvement works - CE (Projects)	0.07	-	0.07
64	Road works under World Bank Project I	0.05	-	0.05
65	Integrated city development project	0.14	-	0.14
66	Construction of over and under bridges in lieu of existing level crossings	2110.29	794.04	3300.29
67	Road works under World Bank Project II	0.02	-	0.02
68	Provision for road works under TNUDP	1261.53	951.21	1191.55

(Rs. in Lakhs)

S. No.	Name of Scheme	2007-2008		2008-2009
		Budget Estimate	Expenditure	Budget Estimate
69	Construction of ROB/ RUB with HUDCO loan assistance	15000	3808.51	26000.00
70	Madurai Radial Roads Phase I	0.14	210.00	0.06
71	CRIDP Madurai Radial Roads	4179.98	2200.00	2901.87
	Total for Chief Engineer (H) Projects	28755.65	8730.07	44730.89
72	Establishment charges for Revenue staff for PMG & special staff for Environment Project Management	158.07	143.60	186.81
73	Establishment charges for PMG	446.79	324.76	500.12
74	TNRSP	50000.00	42960.00	50000.00
	Total for Project Director, TNRSP	50604.86	43428.36	50686.93
75	Institute of Highways Research and Management	0.01	-	0.01
76	Equipment for lab	19.74	13.25	0.01
	Total for Director, Highways Research Station	19.75	13.25	0.02
	Plan Grand Total	249316.76	215872.45	278956.77
	Tsunami Total		5530.00	16410.36
	Grand Total	249316.76	221402.45	295367.13

PHYSICAL PERFORMANCE:

S. No.	Name of Scheme	Achievements 2007-2008		Targets 2008-2009	
		Bridges/ Culverts/ Structures in Nos.	Roads length in km.	Bridges/ Culverts / Structures in Nos.	Roads length in km.
1	Revamped Central Road Fund	6	116.82	13	412.68
2	Western Ghat Development Programme (Road sector)	3	5.40	-	10.60
3	Hill Area Development Programme (Road sector)	1	28.00	-	4.90
4	Economic Importance & Interstate connectivity scheme				
	a) Economic Importance	-	-	-	29.70
	b) Interstate connectivity	-	-	1	12.60
	Total	10	150.22	14	470.48
	Chief Engineer(General)				
5	Part II Scheme	11	107.41	29	14.20
6	Comprehensive Road Infrastructure Development Programme				
	State Highways				
	a) CRIDP	16	1421.00	11	1869.00
	b) Tiruppur ring road (CRIDP SH)		70.00		14.40
	c) Salem–Cochin Road (Avinashi Road) (CRIDP SH)				15.85
	Major District Roads				
	CRIDP	17	1869.00	14	1656.00
	Other District Roads				
	CRIDP	40	1405.00	31	2007.00
	Scheduled Caste Sub Plan (CRIDP)	20	919.00	6	1160.00
7	Tsunami Rehabilitation Programme(Centrally Assisted) -General wing	3	179.00	26	240.00
	Total	107	6055.00	117	6962.25

S. No.	Name of Scheme	Achievements 2007-2008		Targets 2008-2009	
		Bridges/ Culverts/ Structures in Nos.	Roads length in km.	Bridges/ Culverts / Structures in Nos.	Roads length in km.
8	Chennai Metropolitan Development Plan (Roads)	38	139.00	16	281.00
9	Tamil Nadu Urban Development III				97.00
	Total	38	139.00	16	378.00
	Chief Engineer (NABARD&RR)				
10	Improvements to Major District Roads / Other District Roads under NABARD loan assistance	4	187.00	4	9.00
11	Construction of Bridges in Government Roads	111		143	
12	Construction of Bridges in Government and Rural Roads	-		10	
13	Rural Roads Scheme	9	471.00	10	530.00
14	Bus Route Scheme	5	250.00	9	130.00
15	Scheduled Caste Sub Plan	1	80.00	4	130.00
16	Bus Plying Panchayat and Panchayat Union Roads with NABARD assistance	3	476.00	1	21.00
17	Comprehensive Road Infrastructure Development Programme Rural Panchayat Union Roads	1	89.00	-	-
18	ADB assisted Projects(TEAP)	-	-	5	21.40
19	Tsunami Rehabilitation Programme(Centrally Assisted) -NABARD wing	-	1.00	2	27.00
	Total	134	1554.00	188	868.40
	Chief Engineer(Projects)				
20	Sugar cane roads/ bridges	48	205.00	-	250.00
21	Tamil Nadu Urban Development Project	-	-	-	5.00
22	Tamil Nadu Agricultural Development Project	1	-	-	-

S. No.	Name of Scheme	Achievements 2007-2008		Targets 2008-2009	
		Bridges/ Culverts/ Structures in Nos.	Roads length in km.	Bridges/ Culverts / Structures in Nos.	Roads length in km.
23	Road over/ under bridges in lieu of existing Level Crossings	-	-	1	-
24	Construction of ROB/ RUB with HUDCO loan assistance	4	-	15	-
25	Constn./Reconstn.of 61 bridges with HUDCO loan assistance	4	-	7	-
26	Madurai Radial Roads	-	-	1	122.30
27	Construction of bridges in Cauvery delta districts with NABARD loan assistance	4	-	8	-
28	Chennai Metropolitan Development Project				-
	i) ROB/ RUB	--	--	--	-
	ii) Grade separator	--	--	1	-
	iii) River bridges	--	--	2	-
29	Improvement to 83 SCRD roads and Construction of 7 bridges with NABARD loan assistance (RIDF-X)	2	-	2	-
30	a) Strengthening and widening of 56 SCRD roads with NABARD loan assistance (RIDF-XI)		46.00	--	-
	Total	63	251.00	37	377.30
	Chief Engineer(TNRSP)				
	Tamil Nadu Road Sector Project				
31	Upgradation		379.00		363.00
32	Maintenance component	--	94.00	--	156.00
	Total		473.00		519.00

NON-PLAN

The main objective is to ensure proper upkeep of Government roads by utilising annual provisions under "Non-Plan". The allocation and expenditure incurred during 2007-2008 for maintenance of roads viz., State Highways, Major District Roads, Other District Roads, Sugarcane roads and Chennai Corporation Bus Route Roads and Panchayat and Panchayat Union Roads maintained under Highways Department funds and allocation for the year 2008-2009 are here under:

FINANCIAL

(Rs. in lakhs)

S. No.	Name of Scheme	2007-2008		2008-2009
		Budget Estimate	Expenditure	Budget Estimate
1	National Highways (Urban)	168.00	168.00	175.00
2	State Highways	9675.53	9675.53	10160.42
3	Major District Roads	8400.43	8400.43	8820.45
4	Other District Roads	31207.44	31207.44	32467.80
5	Certain important Roads in the city of Chennai taken from Corporation of Chennai	1500.00	1500.00	1575.00
6	Special Repairs to State Highways affected by flood and cyclone	0.01	0.00	0.01
7	Sugarcane Roads	1314.60	1314.60	1380.33
8	Maintenance of Panchayat and Panchayat Union Roads through Director of Rural Development	10360.00	10360.00	10360.00
9	Maintenance of Panchayat and Panchayat Union Roads through Chief Engineer, NABARD and Rural Roads	20000.00	20000.00	20000.00
	Total	82626.01	82626.00	84939.01

PLAN SCHEMES

During the year 2007-2008 an amount of Rs. 2493 crores was provided in the Budget Estimate for all the wings of Highways Department and the expenditure incurred under Plan Schemes is Rs.2159 crores.

1. Part-II Scheme

Under Part II Scheme during 2006-07, 30 Km length of road works and 19 Bridges were completed incurring an expenditure of Rs 24.65 crores. During 2007-08, one bridge in State Highways at a cost of Rs.140 lakhs, 3 roads for a length of 10.80 Km on State Highways at a cost of Rs.340 lakhs, 2

roads for a length of 4.50 Km on Major District Roads at a cost of Rs. 75 lakhs, One road in Other District roads for a length of 6 Km at a cost of Rs.150 lakhs and Rehabilitation of one Distressed bridge at a cost of Rs. 340 lakhs at a total cost of Rs.945 lakhs has been sanctioned. During 2007-08, 11 bridges and 107.41 Km length of roads works have been completed including spill over works.

The expenditure for these works during 2007-08 is Rs.29.39 crores.

2. Comprehensive Road Infrastructure Development Programme

2.1. State Highways

Under Comprehensive Road Infrastructure Development Programme during the year 2006-2007, 1045 Km length of road works was completed incurring an expenditure of Rs 240 crores.

During 2007-2008, sanction was accorded for road works to a length of 919 km and 4 bridges at a cost of Rs.310 crores and during last year 1421 km length of road works and 16 bridges/culverts have been completed including spill over works of previous years.

The expenditure for these works during 2007-08 is Rs.415.44 crores.

2.2. Major District Roads

Under Comprehensive Road Infrastructure Development Programme during the year 2006-2007, 1141 Km length of road works was completed incurring an expenditure of Rs. 241 crores. During 2007-2008, sanction was accorded for road works to a length of 925 km and 6 bridges at a total cost of Rs.225 crores. During 2007-08,1869 km length of road works and 17 bridges/culverts have been completed including spill over works of previous years.

The expenditure for these works during 2007-08 is Rs.379.89 crores

2.3. Other District Roads

Under Comprehensive Road Infrastructure Development Programme during the year 2006-2007, 1739 Km length of road works was completed incurring an expenditure of Rs 166 crores.

During 2007-2008, sanction was accorded for road works to a length of 908 km and 26 bridges at a cost of Rs.132 crores. During 2007-08, 1405 km length of road works and 40 bridges/culverts have been completed including spill over works of previous years.

The expenditure for these works during 2007-08 is Rs. 161.94 crores.

2.4. Special Component Plan- Other District Roads

This Government introduced a new scheme, "Comprehensive Road Infrastructure Development Programme – Special Component Plan" from 2006-07 for improvements of Other District Roads connecting Adi-Dravida habitations and during the year 2006-2007, 244 Km length of road work was completed incurring an expenditure of Rs 32 crores.

During 2007-2008, sanction was accorded for road works to a length of 456.43 km and 6 bridges/culverts at a cost of Rs.62.15 crores and during 2007-08, 919 km length of road works and 20 bridges have been completed including spill over works of previous years.

The expenditure for these works during 2007-08 is Rs.105.13 crores

3. Improvements to Major District Roads and Other District Roads

Under this scheme, improvements to roads and construction of bridges on MDR/ODR are taken up with loan assistance from NABARD. During 2007-08, spill over works of 196 km length of roads and construction of 8 bridges were taken up at a cost of Rs.23.53 Crores. Of which, 187 km length of road works and 4 bridge works have been completed at a cost of Rs.17.70 Crores during 2007-08. The remaining 4 bridge works are in progress and will be completed during 2008-09.

4. Construction of bridges in Government Roads

During 2007-08, spill over works of construction / reconstruction of 254 bridges in State Highways, MDR and ODR were taken up at a cost of Rs.108.97 Crores. Of which, 111 bridges have been completed incurring an expenditure of Rs. 33.50 Crores. The balance works which are in progress will be completed in 2008-09.

5. Rural Roads Scheme

Under this scheme, BT road connectivity is provided for villages with a population of 500-1000. During 2007-08, spill over works of improvements to 585 km of roads and Construction of 18 bridges were taken up at a cost of Rs.105 Crores. Further, a new project for the upgradation of 640 km of roads and construction of 32 bridges was sanctioned at a cost of Rs.145 Crores.

During 2007-08, a total of 471 km. of roads and 9 bridge works have been completed thereby providing BT road connectivity to 280 villages. The expenditure during 2007-08 is Rs. 95 Crores.

6. Bus route improvements scheme

(a) Under the bus route scheme, Panchayat and Panchayat Union roads in which buses are plying for more than three years are taken up for improvements to Other District oads standards.

During 2007-08, spillover works of 320 km of roads and 7 bridges were taken at a cost of Rs.53.43 Crores. Further, the Government sanctioned new project for improvements to 152 km of roads and construction of 11 bridges at a cost of Rs.41.53 Crores. Of the spillover works and new works taken up during last year, a total length of 250 km of roads and 5 bridges have been completed at a cost of Rs.48.53 Crores. The remaining works are in progress.

(b) Further, under another scheme with NABARD assistance, spillover works of 497 km of bus plying Panchayat and Panchayat union roads and 4 bridges were taken up during 2007-08 for execution at a cost of Rs.26 Crores. Of which, 476 km length of road works and 3 bridge works have been completed at a cost of Rs.23.92 Crores. The balance works will be completed in the current year.

7. Improved connectivity to Adi Dravidar habitations under the Scheduled Caste Sub Plan

Under this scheme, BT road connectivity is provided to villages where Adi-Dravidar population is more than 50% of the total population. During 2007-08, Spill over works of improvements to 101 Km of roads and Construction of 6 bridges were taken up at a cost of Rs.23.67 Crores. Further, a new project for improvements to 160 km length of roads and construction of 6 bridges were sanctioned at a cost of Rs.36.24 Crores.

During 2007-08, 80 km length of roads and 1 bridge have been completed including spill over works thereby providing BT road connectivity to 105 villages. An expenditure of Rs. 20.54 crores has been incurred during 2007-08.

8. Comprehensive Road Infrastructure Development Programme-Rural Panchayat Union roads

During 2007-08, spill over works of improvements to 89 Km of roads and construction of 1 bridge were taken up at a cost of Rs. 5.80 Crores. All the works have been completed during 2007-08 incurring an expenditure of Rs. 5.57 Crores.

9. Asian Development Bank assisted Tsunami Emergency Assistance Project

The Government sanctioned Rs.54.70 Crores for the construction of 5 High-level bridges and 1 roadwork in Tsunami affected Thiruvallur, Cuddalore

and Nagapattinam districts with the loan assistance from Asian Development Bank.

Of which, for four bridgeworks located at Vettaikkaraniiruppu, Kodiampalayam in Nagapattinam district and at Killai and Sothikkuppam in Cuddalore district, clearances have been obtained from Coastal Regulation Zone Management Authority and Environmental & Forest department. Now the pile work is in progress in all the bridge works.

As the bridge work at Pulicat lake in Thiruvallur district falls in the Pulicat Bird sanctuary area clearance has been obtained, based on the recommendations of the committee constituted by the Supreme Court of India. Now the pile work is in progress.

In 2007-08, an expenditure of Rs. 12.86 Crores has been incurred under this scheme.

10. Tsunami Rehabilitation Programme (Centrally assisted)

Under the Tsunami rehabilitation programme, through General wing, the Government has sanctioned during July 2007 Rs. 224.38 crores to take up improvements in 423.22 Km roads and construction of 54 bridges in Government roads. All these works are in progress and will be completed during 2008-09.

During 2007-08, through NABARD and Rural Roads wing, Improvements to 47 km length of roads and 6 bridges were taken up for implementation for Rs. 53.40 Crores. The works are in progress.

A total expenditure of Rs. 55.30 Crores has been incurred during 2007-08 under this scheme.

11. Construction / Reconstruction of Bridges in Cauvery Delta Districts with NABARD assistance.

Upto the period 2003-06, the Government has sanctioned Rs.83.23 crores for construction of 48 bridges in Delta districts namely Thanjavur, Nagapattinam, Thiruvarur and 7 bridges in other regions and for strengthening and widening of 139 sugarcane roads for a length of 417 km.

Of these, 43 bridge works have been completed, 2 works are deleted. The balance 10 bridge works are in progress and will be completed during the year 2008-09.

Of the 139 Roads for a length of 417 km, 137 roads of length 414 km were completed and 2 works have been deleted.

The expenditure for these works during 2007-08 is Rs.4.50 crores.

Further, in 2007-08, in anticipation of approval from NABARD, the Government sanctioned on 06.02.08 for 4 bridge works at a cost of Rs.121.50 crores. For this tenders have been called for fixing consultants for preparing DPR.

12. Chennai Metropolitan Development Plan

Under this Scheme implemented from State Fund from 2003-04 onwards, improvement of roads for a length of 590 km including construction of Grade Separators, bridges, centre median and foot path have been taken up at a cost of Rs.825 Crores in Chennai Metropolitan Area.

Of these, 200 km length of road works, 38 bridges/culverts and centre median works have been completed in 2007-08. The balance 220 km length of road works and 16 bridge/culvert works and centre median works would be carried out during 2008-09 at a cost of Rs.225 Crores.

Further, the State Government have sanctioned 11 works comprising of 6 Grade Separators, one ROB and 4 river bridges at a cost of Rs.219 Crores for execution through Projects Wing. Of these, Grade Separator at the junction of Marmalong bridge-Irumbuliyur road and Pallavaram – Thuraipakkam road near Pallikaranai is under execution.

The widening of the bridge across Buckingham canal at Madhyakailash in Sardar Patel Road has been dropped since the road has been transferred to the Corporation of Chennai. For the balance works, Detailed Project Reports are under preparation through consultants. Tenders will be called for and works will be commenced in 2008-09.

Based on the Detailed Feasibility Reports (DFRs) given by the Consultants for 2 Grade Separators at Porur and Moolakadai, revised administrative sanction has to be issued and on receipt of the same, the Detailed Project Reports will be prepared. Since the alignments of 3 grade separators fall in Chennai Metro Rail Route, the government is considering to entrust these works to Chennai Metro Rail Corporation for execution along with their Projects after getting approval from the Highways Department for design aspect.

As per the Detailed Feasibility Report submitted by consultant, preparation of Detailed Project Report for the ROB at Vysarpadi is in progress.

The works have been delayed due to land acquisition and shifting of EB poles. Action is being taken to avoid delay and expedite the works.

The expenditure for these works during 2007-08 is Rs.109.50 crores.

13. Inner Ring Road in Chennai City.

To ease the traffic congestion in Southern part of Chennai city, Government sanctioned formation of southern sector of Inner Ring Road for a length of 9.40 km. Of which, 4.40 km of this road was completed in the first phase.

After completion of the land acquisition in the phase II in km 0/0-5/0, the embankment formation is in progress. Estimate is being prepared for the bridge work across Adambakkam lake and the bridge work will be commenced during this financial year. All efforts are being taken to complete this project in the year 2008-09.

The expenditure for these works during 2007-08 is Rs. 9.51 crores

14. Madurai Radial Roads

To improve the roads, which connect the villages around Madurai, the Government sanctioned improvement of 12 Radials road works for a length of 123.2 km, 1 river bridge and 1 ROB in phase I with HUDCO loan assistance. Except the ROB at Ellis Nagar all works were completed. Actions are taken to complete this ROB during this year 2008-2009.

The Government sanctioned Madurai Radial roads Phase II under CRIDP scheme for 14 road works of 122.3 km length and all the works are in progress and will be completed during this year.

The expenditure for these works during 2007-08 is Rs.24.10 crores. .

15. Tiruppur Ring Road

In view of heavy traffic congestion in Tiruppur town, the Government had sanctioned for improvement of road infrastructure in and around Tiruppur town and formation of ring road for a length of 98.60 Km, 2 Railway Over Bridges and 6 River bridges at a total cost of Rs.70 crores. Of which, 84.4 km length of road works have been taken up by General wing and 70 Km length of road works have been completed. In projects wing, 2 Railway Over Bridges, 6 River bridges and 5 roads for a length of 14.20 km have been taken up. Out of 6 River bridge works taken up, 2 works are in progress 2 works are in tender stage and estimates are under preparation for 2 works. These bridge works will be completed this financial year. 2 Railway Over Bridges are in preliminary investigation stage. 5 road works of length 14.20 km will be completed during this year 2008-09

16. Rail Over/ Under Bridges in lieu of existing level crossings

Construction on Government roads is undertaken where Train Vehicle Units (TVU) exceeds one lakh per day. These works are recommended of

Railway Over/Under Bridges in lieu of existing level crossings for inclusion in the Railway Works Programme on priority basis. The State Government and Ministry of Railways, Government of India equally share the cost of construction of Railway Over/Under Bridges including approach and service roads. During the six years from 1999 to 2005, 47 ROB/RUB works were sanctioned, of which, 17 ROB/RUB works have been completed up to March 2008.

Further, during 2006-07, Government accorded administrative sanction for construction of 25 ROB/RUBs. Preparation of the Detailed Project Reports for these works is in progress and on receipt of these reports, tenders will be called for and works would be commenced. State Government have sanctioned 42 ROB/RUBs during 2007-08 at a cost of Rs.876.70 crores under Railway works programme 2007-08 on cost sharing basis. For these works tender will be called for to engage consultants for preparation of Detailed Project Report.

Also concurrence has been obtained from the Railways for 23 ROB/RUBs during the year 2008-09. For this action is being taken to accord Administrative sanction for the Highways related works.

The expenditure for these works during 2007-08 is Rs. 46.02 crores

17. Construction / Reconstruction of 60 Bridges with loan assistance from HUDCO

The Government sanctioned Rs.60 crores for construction of 61 bridges under HUDCO loan assistance scheme during the year 2003-04. Out of 61 bridges, 52 bridges were completed. After deleting 2 bridge works, the balance 7 bridge works are in progress and will be completed during the year 2008-09.

The expenditure for these works during 2007-08 is Rs. 2.50 crores

18. Sugarcane Road Development Scheme

Utilizing the cess fund paid by sugar mills, roads are formed and maintained from sugarcane areas to connect sugar mills.

Out of spill over works, 3 bridges and 49 roads of 91 Km have been completed at a cost of Rs 15 Crores during 2007-08. 9 road work for a length of 12.10 Km have been deleted. Remaining 21 roads for a length of 54.74 Km are in progress and all works will be completed during this year.

19. Tamil Nadu Urban Development Project III

Under TNUDP III, the works of construction of 13 road works to a length of 97 km at a cost of Rs.253 crores, 6 ROB / RUBs costing Rs.110.95 crores, 3 pedestrian subways cost in Rs.6.30 crores and 3 grade separators

cost in Rs.235 crores in Chennai Metropolitan Area (CMA) have been taken up with World Bank loan assistance at a total cost of Rs.605 crores.

Out of 13 road works, Administrative sanction has been accorded for five road works for an amount of Rs 120.24 crores and works would be commenced during 2008-2009.

Detailed Project Report for 5 ROBs,1 RUB, 3 pedestrian subways and 8 road works are being prepared by the consultants. With the concurrence of the World Bank, Detailed Feasibility Report for 3 grade separators are under preparation by engaging consultants.

20. National Highway Projects

The total length of National Highways in Tamil Nadu is 4500 Km. Of this, 1240 km length of roads are maintained by the National Highways wing of State Government, with the funds provided by Government of India. The balance length of 3260 Km roads are maintained by the National Highways Authority of India.

20.1. National Highways - Original works

Under Annual Plan 2007-08, the Government of India have sanctioned estimates for 59 works costing Rs 133.36 crores for the development of National Highways in Tamil Nadu. During 2007-08, 44 works have been completed which includes 172 Km length of roads under Improvements to Riding Quality,11 Km length of strengthening two lane stretches, 8 Km length of widening single lane to double lane,77 Km length of paved/ hard shoulders on both sides, 2 major bridges, 2 Minor bridges and 77 culverts. The expenditure for 2007-08 is Rs. 91.25 crores.

Non- Plan works

Renewal works for a length of 36 Km road is completed at a cost of Rs.12.86 crores.

20.2. Revamped Central Road Fund Scheme (CRF)

The Government of India, have accorded Administrative approval for Rs.448.55 crores for 552 works under Central Road Fund Scheme during the years from 2001 to 2005. Out of which 6 works were deleted and the balance 546 works were completed.

In addition to that, 104 works were sanctioned by Government of India during the years from 2005 to 2008 for Rs.219.51 crores. Out of this, 2 works were deleted. Further, 26 road works and 6 bridge works have been completed during the year 2007-08 at a cost of Rs.87 crores.

20.3. Bharat Nirman Phase I

Under this scheme, 297 nos of works for 1296 Kms length of Other District Roads are to be taken up for improvements. The Detailed Project Reports (DPRs) for the above works have been prepared for Rs.232.99 Crores and verified by State Technical Agency (STA) and sent to the Government of India, MORD, New Delhi for getting administrative approval. The works will be taken up after getting administrative approval from the Government of India.

Phase II

The list of works for 167 Km length of roads has been prepared for improvements under Bharat Nirman Phase – II. The DPRs for the above works will be prepared after getting approval from State Level Standing Committee (SLSC).

21. Tamil Nadu Road Sector Project

The World Bank assisted Tamil Nadu Road Sector Project is constructing roads conforming to international standards at an estimated cost of Rs. 2160 crores. The World Bank loan component for the project is Rs.1670 crores and Tamil Nadu Government share is Rs.490 crores. The following are the important features of this project:

- (a) Upgradation of 742 km of roads connecting 11 districts.
- (b) Enhanced periodical maintenance of 1030 km of State Highways & Major District Roads and implementation of Road Safety Works including improvements to accident prone zones.
- (c) Implementation of Institutional Strengthening Action Plan of Highways Department.

21.1. Upgradation of Roads

Upgradation works on Arcot to Tiruvarur road for a length of 393 km starts from Arcot in Vellore district and passes through Tiruvannamalai, Villupuram, Cuddalore, Perambalur (at present Ariyalur), Thanjavur and ends at Tiruvarur in Tiruvarur district. The estimated cost of this work is Rs.768.50 crores.

Works on Nagapattinam to Tuticorin stretch for a length of 349 km begins at Nagapattinam town and passes through Tiruvarur, Thanjavur Pudukottai, Ramanathapuram districts and ends at Tuticorin in Tuticorin district. Rs.513.07 crores is the estimated cost of this work.

Of the 742 kms taken up for upgradation and improvement of quality of roads, road works have been completed for 379 kms. Other road and bridge

works are in progress. Action is being taken to complete these works in this year itself.

21.2. Land acquisition and Rehabilitation works

Total land to be acquired for this project is 395.42 hectares. Out of which 382 hectares has been acquired and road works are in progress. The remaining land acquisition works are in progress and will be completed soon.

As per the loan agreement with the World Bank, cash assistance has been given to 13068 Project Affected Persons.

Further out of 527 Project Affected Households (PAHs), 457 houses have been constructed and handed over. Construction is in progress in respect of the remaining 70 houses. This will be completed in the current year. For the 40 Project Affected Shop Owners, 39 shops had already been constructed and handed over and construction is in progress for the remaining one shop. This work will also be completed soon.

21.3. Enhanced periodical maintenance of roads

Under this scheme, 597 Km of road works have been taken up during the year 2004-05 and completed at a cost of Rs.167 crores.

Under second year maintenance, out of 250 km road works taken up, 94 km of road works had been completed and works are in progress on 156 Kms. These works will be completed during current year.

Estimates are under preparation for the 183.50 km of road lengths chosen for Enhanced Periodical Maintenance for the 3rd and 4th year. These works will be implemented during current year.

21.4. Blackspots improvement works

In the first phase 50 places have been identified as accident prone zones in the state. Improvement works for 20 accident prone zone (Blackspots) have been taken up under Tamil Nadu Road Sector Project. Of this, 2 works were completed. 13 works are in progress. Tenders have been received and being finalized in respect of 2 works. The remaining 3 works will be taken up under 3rd year maintenance works.

Of the remaining 30 works, 1 work was completed by the General wing of Highways Department. Court case related to land acquisition is holding up the another work. The remaining 28 works will be executed under Comprehensive Road Infrastructure Development Programme (CRIDP) by the General wing of Highways Department.

21.5. Road Safety

The Road Safety Policy has been approved by the Government. Various road safety actions are being implemented like Road Accident Data Management System (RADMS), Road Safety Awareness Programme, Training programme regarding Road Safety Measures for Highway Engineers through Tamil Nadu Road Sector project.

21.6. Information Technology Development, Procurement and Implementation

As part of the Institutional Strengthening Programme of Highways Department, through International Competitive Bidding at the cost of Rs.14.77 crores, 1770 Computers, 9 Laptops, 1136 Printers and accessories, 10 servers have been procured. In addition, Broad Band website connections are being installed.

All the Chief Engineers of the department have been provided with lap top and all Superintending Engineers, Divisional Engineers, Assistant Divisional Engineers and Assistant Engineers are provided with desktops printers and other accessories.

All the administrative and drawing branches in this department have been provided with desktops and accessories.

Information Technology and Communication Strategy for this department have been approved by the Government to facilitate effective delivery of services through IT enabled services.

21.7. Road Management System

The Road Management System (RMS) envisages an effective inventory of all the bridges, State Highways and Major District Roads with high traffic density. It will create a database on the condition of the road, the traffic density and the historical data pertaining to maintenance and upgradation work taken up so far. The database will facilitate timely planning and effective execution of road upgradation and maintenance works based on priority and need. Development of data base and software is in progress.

21.8. Road user satisfaction survey

Road User Satisfaction Surveys have been conducted in the state. First survey was conducted during 2004-05 and second survey was conducted during 2007-08. Suggestions made by the public in these surveys have been communicated to the officers for taking them into account during implementation of different projects.

21.9. State and District level Stakeholder Advisory Council

State and District Level Stakeholders' Advisory Council has been constituted. Stakeholders workshop was conducted twice and suggestions have been obtained. The suggestions of the council and the stakeholders will be borne in mind while taking up upgradation works in future.

22. Pradan Mantri Gram Sadak Yojana (PMGSY)

The PMGSY scheme funded by Government of India for providing connectivity to Rural Habitations in the population group of 500-1000 has been sanctioned in five phases. Phase-I, II and III works of PMGSY were executed by Rural Development Department and Phase-IV works of PMGSY programme was transferred to the Highways Department.

PMGSY works from Phase V onwards have been taken up by Rural Development Department.

Phase IV

The Government of India has sanctioned a total of 412 road works for a length of 820 Km in 29 Districts at a cost of Rs 117.27 Crores. Out of which, 361 works have been completed, 35 works have been deleted and balance works are in progress.

23. Maintenance of Government and Panchayat and Panchayat Union roads

Realising the need for proper maintenance of roads this Government had made the highest allocation of Rs.801.37 crores exclusively for maintenance of roads during 2006-07 and enhanced further by allocating Rs. 826.26 crores during 2007-08, of which 7115 Km length of Government, Panchayat and Panchayat Union roads have been maintained.

During 2007-08, special repair / periodical repair works of Sugarcane roads under maintenance grant was carried out. From which, 30 protective works, 18 cross drainage works, and 143 roads for a length of 205 km have been completed.

II. TAMIL NADU MARITIME BOARD

Along the coastline of about 1076 Kms in Tamil Nadu, three major ports viz., Chennai, Ennore and Thoothukudi, set up under the Major Port Trust Act 1963 under the control of Government of India are in existence. In addition to them, the State has sixteen minor ports declared under the Indian Ports Act 1908, under the control of the State Government.

1. COMMODITIES HANDLED IN THE MINOR PORTS

Government Ports

Sl. No.	Port	Export	Import
1.	Cuddalore		Fertilisers and Coal
2.	Nagapattinam	Naphtha and Diesel	Edible Oil, Copra cake and Crude oil

Captive Ports

Sl. No.	Port	Export	Import
1.	Ennore Minor Port	-	Liquid Ammonia
2	PY 03 Oil field	Crude oil	-
3	Thirukkadaiyur	-	Naphtha
4	Koodankulam	-	Machineries

2. GOVERNMENT PORTS

The Ports established / developed by the Government / Tamil Nadu Maritime Board are known as Government Ports.

(i) Cuddalore Port

This port in Cuddalore district is a riverine anchorage port located on the estuary of Paravanar and Uppanar Rivers.

7.56 Acres of port land has been allotted on 23.01.2006 to M/s Chemplast Sanmar Limited, Chennai to establish their Marine Terminal Facilities (MTF) to handle Vinyl Chloride Monomer (VCM) for their PVC manufacturing unit, being set up at Cuddalore SIPCOT, Phase III complex. For the construction of MTF, a temporary jetty to a length of 250 metres has been constructed with the approval of Tamil Nadu Maritime Board and construction of MTF is in progress.

In addition, M/s. Cuddalore Power Company has proposed to set up a 1320 MW Thermal Power Plant at a cost of Rs.6000 Crores at Thiyagavalli village in Cuddalore district. This Plant requires approximately 3.50 million metric tonnes of imported coal per annum as fuel. For import of coal, a jetty at a cost of Rs.325 Crores is proposed to be constructed for which Tamilnadu Maritime Board has accorded in-principle approval on 19.01.2007. The Company is carrying out the preliminary works. The Company is carrying out the preliminary works.

It is also proposed to develop a common User Green field port at Cuddalore through Private Sector Participation, to serve the needs of the industries in and around this region.

The "Tsunami", severely damaged the port infrastructural facilities including breakwaters and approach road. Further, the depth in Uppanar River got reduced due to sand accumulation. The Government of Tamil Nadu have sanctioned an amount of Rs.14.41 Crores from Asian Development Bank funds for the rehabilitation of the Tsunami damaged infrastructure facilities. Works to the tune of Rs.8.67 Crores have been completed and the balance works are in progress.

Since the facilities have been improved, the Government of India have come forward to use this port for the import of fertilizer. After 10 years gap, 47,814 Metric tonnes of urea has been imported during January 2008. Further, an official from the Ministry of Chemicals and Fertilizers, New Delhi visited this port and expressed his satisfaction about the facilities created at this port for handling urea in future. During the last week of March 2008, as a trial run, 5000 Metric tonnes of steaming coal was imported through this port.

(ii) Nagapattinam Port

This riverine anchorage port in Nagapattinam district is located on the estuary of Kaduvaiyar River. Edible Oil, Copra cake, Crude oil, Naphtha and Diesel are handled at this port. Chennai Petroleum Corporation Ltd., Chennai has constructed a RCC jetty at Nagore within Nagapattinam Port limits to handle Crude Oil for their refinery at Panangudi through which the company is regularly receiving Crude Oil. The Company has also constructed pipelines for exporting Petroleum Products through this Jetty. Naphtha and diesel are now being exported through this jetty.

During the year 2007-08, the following quantity of cargo have been handled at this port.

IMPORT

1. Crude Oil	: 17 ships	: 1,94,690 Tonnes.
2. Edible Oil	: 9 ships	: 30,284 Tonnes.
3. Copra cake	: 2 ships	: <u>15,056 Tonnes.</u>

Total Import : 2,40,030 Tonnes.

EXPORT

1. Naphtha	: 7 ships	: 65,025 Tonnes.
2. Diesel	: 2 ships	: 19,468 Tonnes
3. Miscellaneous:		: <u>2,335 Tonnes</u>

Total Export : 86,828 Tonnes

Grand Total : 3,26,858 Tonnes.

The "Tsunami", severely damaged the port infrastructural facilities including cargo sheds, breakwaters, wharves, and weigh bridge and illumination facilities. The Government of Tamil Nadu have sanctioned an amount of Rs. 42.521 Crores from Asian Development Bank funds for the rehabilitation of the Tsunami damaged infrastructures. Works to the tune of Rs.23.95 Crores have been completed and the balance works are in progress.

M/s. Sethu Samudhram Corporation Limited is in the process of preparation of Detailed Feasibility Report for the development of this port as part of the Sethusamudhram Ship Canal project.

(iii) Pamban Port

This port is situated in Rameswaram Island of Ramanathapuram district. The only function at this port is to pilot small drafted vessels passing through Pamban Channel in the Gulf of Mannar. During the year 2007-08, 95 vessels were piloted at this port.

(iv) Rameswaram Port

This port is also situated in Rameswaram Island of Ramanathapuram district. At present, there is no activity at this port.

(v) Valinokkam Port

This port is situated in Ramanathapuram district. Presently, there is no activity at this port.

(vi) Kanyakumari Port

This port is situated in Kanyakumari district and solely meant for facilitating ferry service between the shore and Vivekananda Rock Memorial / Ayyan Thiruvalluvar Statue. M/s. Poompuhar Shipping Corporation Ltd., is operating this ferry service and Tamil Nadu Maritime Board is supervising the ferry service and deriving establishment charges from the Corporation.

During the year 2007-08, 16,75,257 passengers were ferried.

(vii) Colachel Port

The Port is located very close to the International Shipping route and has more than 15 meters of depth at less than One Km. distance from the shore. M/s. RITES Ltd., in their "Port Vision 2020" report, had identified Colachel as a suitable port for developing into Container transshipment Hub Port taking into account the above factors. The Government have requested the Government of India to assist in preparing the Detailed Feasibility / Project Report. M/s. Sethusamudhram Corporation Limited is in the process of appointing the consultants for preparation of Detailed Feasibility Report / Detailed Project Report for developing this port. Since this project involves

large amount of investment, it has been proposed to offer this port to Government of India for developing it through the Ministry of Shipping as a major International Container Transshipment Hub Port.

3. CAPTIVE PORTS

The Jetties / Ports established / developed by the private entrepreneur for their captive uses are respectively known as captive jetties / captive ports.

(A) DECLARED PORTS

(i) Kattupalli Port

In G.O.Ms.No.9, Industries (MIE-1) Department, Dated 23.01.2008, Government of Tamil Nadu have approved the proposal of TIDCO to form a joint venture (Special Purpose Vehicle) with Larson & Toubro Ltd., Mumbai to implement the shipyard-cum-minor port complex at Kattupalli near Chennai. The SPV Company is carrying out the preliminary works for the project.

(ii) Ennore Minor Port

This port is situated in Thiruvallur district. The port, consisting the marine structures of Multiple Buoy Mooring System with submarine pipelines for receiving Liquid Ammonia, had been developed by M/s. Coromandel Fertilizers Ltd., Chennai. During the year 2007-08, 45,388 M.T.s of Liquid Ammonia has been handled through 6 ships.

(iii) Thiruchopuram Port

M/s. Nagarjuna Oil Corporation Limited, has been permitted to establish a captive port at Thiruchopuram. The Company has informed that they are expecting inflow of funds early. Further, the permission for establishing a temporary jetty for handling project cargo has been granted by Tamil Nadu Maritime Board subject to certain conditions.

(iv) Silambimangalam Shipyard Port

The Government declared and notified the limits of this Captive port, on the request of M/s. Goodearth Shipbuilding Pvt. Ltd, Chennai for establishing an International size shipbuilding yard. Coastal land to an extent of 159 acres has been allotted to the company with effect from 13.12.2007. The company is in the process of preparing Detailed Project Report.

(v) PY-03 Oil Field

This port is situated in the middle of Sea, 50 Kms South East off Cuddalore and has been exclusively declared for loading of Crude oil being extracted from the oil wells situated at PY-3 Oil Field. During the Financial

year 2007-08, 1,63,762 M.Ts of Crude Oil has been handled through 12 vessels.

(vi) Thirukkadaiyur

This port is situated in Nagapattinam district and was declared for the captive use of M/s. PPN Power Generating Company to handle Naphtha and Natural gas required for their 330 MW gas combined Cycle Power Project at Pillaiperumalnallur. During the year 2007-08, 2,68,713 M.T.s of Naphtha has been handled through 22 vessels.

(vii) Punnakkayal Port

M/s. Dharangadhara Chemical Works Limited has been permitted to establish a captive port for handling chemical cargo at Punnakayal in Thoothukudi district. An area of 8.41 acres of coastal land has been allotted to the company from 25.02.2008 for establishing marine facilities.

(viii) Manappad Port

Manappad in Thoothukudi district has been declared as a Minor Port for the captive use of M/s. Indian Gas Limited for handling LNG and General cargo. The Company is expected to finalise the financial closure soon. 100.41 acres of port land has been allotted on 31.08.2005 for construction of marine facilities. The Company is creating the basic facilities of approach road and site office.

(ix) Koodankulam Port

Koodankulam port in Thirunelveli district was declared for the captive use of M/s Nuclear Power Corporation of India Ltd., for their proposed Nuclear Power project at Koodankulam consisting of 2 units of 1000 MW each. A RCC Jetty with necessary breakwater protection has been constructed for receiving over- dimensional and heavy lift Machineries.

During the year 2007-08, 227 M.T.s of Machineries have been imported at the port.

(B) PORTS TO BE DECLARED

(i) Marakkanam Port

In letter dated 10.12.2007, the Government in Energy Department, has given the letter of facilitation to M/s. Apollo Infrastructure Projects Finance Company Private Limited for establishing a 2000 MW Merchant Power Plant at Marakkanam in Villupuram District. For handling coal required for the power plant, the company proposed to establish a captive port at Marakkanam for which Tamil Nadu Maritime Board has accorded in-principle approval, subject to certain conditions.

(ii) Thirukkuvalai .

M/s. Tridem Port and Power Company Private Limited have come forward to establish a captive port at Thirukkuvalai in Nagapattinam district in the place of M/s. McNamara International Private Limited (MNIPL). The in-principle approval has been accorded to this company. The company is carrying out the preliminary works for the project.

4. TRAFFIC

During the year 2007-08, minor ports in Tamil Nadu have handled a total cargo of 8,87,384 Metric Tonnes. During the year 2006-07, a total of 8,04,832 Metric Tonnes of cargo was handled.

5. CARGO HANDLED AND REVENUE EARNED

Cargo in Metric Tonnes / Rs. in Lakhs

YEAR	GOVERNMENT PORTS		CAPTIVE PORTS		TOTAL	
	Total Cargo Handled	Total Revenue	Total Cargo Handled	Total Revenue	Total Cargo Handled	Total Revenue
2003-04	3,06,875	305.08	3,83,261	122.00	6,90,136	427.08
2004-05	4,18,552	333.81	4,35,317	124.07	8,53,869	457.88
2005-06	3,37,063	264.69	3,73,351	187.63	7,10,414	452.32
2006-07	3,22,399	315.92	4,82,433	273.35	8,04,832	589.27
2007-08	4,09,294	326.97	4,78,090	328.78	8,87,384	655.75 (**)

() Pre audit figure**

III. POOMPUHAR SHIPPING CORPORATION LTD.

M/s. Poompuhar Shipping Corporation Limited (PSC) was formed on 11.04.1974 under the Companies Act, 1956 with the objective of transporting the entire requirements of coal for the Thermal Power Stations of Tamil Nadu Electricity Board (TNEB). The coal required by TNEB is transported from the load Ports at Haldia, Paradip and Vizag and discharged at Ennore and Tuticorin Ports. PSC has acquired three specially designed shallow draft geared bulk carriers of 40000 DWT between August 1985 and January 1987 which are exclusively utilized for this purpose.

The Dead Weight Tonnage (DWT) of the vessels were increased to 45000 M.T during dry docking of the vessels as follows.

<u>Name of the own vessels</u>	<u>Month and Year</u> <u>(M,T)</u>	<u>Total carrying capacity</u>
M.V Tamil Kamaraj	November 2004	45000
M.V Tamil Periyar	May 2005	45000
M.V Tamil Anna	November 2005	45000

In addition to its own three ships, PSC also charters ships from Indian ship owners and foreign flag vessels to transport the coal required by TNEB for the various Thermal Power Stations in Tamil Nadu.

1. MOVEMENT OF COAL

The details of linkage of coal moved by own and chartered vessels are as follows:

Year	Coal Linkage	Coal Moved by Chartered vessels	Coal moved by Own vessels	Total coal moved	Achievements
(In lakhs Metric Tonnes)					
2006-2007	130.00	98.25	33.49	131.74	101.34%
2007-2008	149.10	103.74	28.73	132.47	88.85%

Projection for 2008-2009

2008-2009	135.00	108.00	27.00	135.00	100%
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Physical performance of Own and Chartered Vessels for the period 2006-2007 and 2007-2008 are as follows:

	2006-2007	2007-2008
Own Vessels		
No. of vessels	3	3
No. of voyages	75	65
Quantity of coal moved (in lakhs MT)	33.49	28.75
Average quantity of coal moved per voyage in MT	44653	44200
Chartered Vessels		
No. of Vessels	6	7
No. of voyages	185	194
Quantity of coal moved (in lakhs MT)	98.25	106.50
Average quantity of coal moved per voyage in MT	53108	54896
Total quantity moved	131.74	135.25

2. LOADING AND DISCHARGING OF COAL

Port -wise quantity of Coal loaded and discharged for the last two years are given below:

Load Ports	2006-2007 (lakhs M.T)	2007-2008 (lakhs M.T)
Haldia	24.39	18.21
Paradip	83.81	87.67
Visakhapatnam	24.06	29.37
Total	132.26	135.25
Discharge Ports		
Ennore	81.49	82.67
Tuticorin	51.67	51.30
Total	133.16	133.97

3. PERFORMANCE OF OWN VESSELS

Cargo carried by own vessels per voyage for 2007-2008 is 44200 M.T as against 44653 M.T. carried during 2006-2007. Own Vessels have crossed over 20 years of operation and in spite of over aging still the own vessels are performing satisfactorily. In spite of two own vessels viz. M.V. Tamil Anna and M.V Tamil Periyar has gone for dry docking survey repairs during the

year 2007 - 2008, own vessels voyage performance is satisfactory during the year.

4. FINANCIAL PERFORMANCE FOR 2007-2008

For the year 2007-2008 PSC will earn Profit of Rs.206.10 lakhs as against the profit of Rs.8 lakhs earned in the previous year 2006 -2007.

5. PANAMAX SELF UNLOADER VESSEL (CHSU)

For the Paradip-Ennore sector One Panamax CHSU vessel (MV.Gem of Ennore DWT 75066 built in 2000) owned by M/s.West Asia Maritime Limited, Chennai, was inducted into PSC service on 19.02.2002 for a TEN YEARS TIME CHARTER. This is a very sophisticated and specially built modern vessel. The vessel has its own discharging gear consisting of cranes and grab and also has conveyor system with a discharge boom. The coal from the vessel is directly discharged to the shore based hopper. This vessel is achieving a discharge rate of 2600 MT per hour, thereby giving fast delivery of cargo to TNEB.

6. PANAMAX GEARLESS VESSELS

PSC has chartered two nos. Panamax Gearless vessels viz. M.V.APJ Sri Devi owned by M/s. Apeejay Shipping Ltd., Kolkata with a carrying capacity of about 62,000 M.T of coal on long term charter and M.V.Good Season owned by M/s.Good Earth Maritime Ltd., Chennai on long term charter and deployed these ships on Paradip - Ennore Sector. Some times M.V.APJ Sri Devi is also operated at Haldia – Paradip – Ennore Sector.

7. HANDYMAX GEARED VESSEL

For Haldia - Paradip-Tuticorin Sector and Visakhapatnam -Tuticorin Sector, the operation of Handymax Geared vessels will continue to be operated by PSC.

8. KANNIYAKUMARI FERRY SERVICE

Besides transporting of coal to TNEB Thermal Power Stations, PSC is also operating a ferry service from main land at Kanniyakumari to the Vivekananda Rock Memorial and the Ayyan Thiruvalluvar Statue. The physical and financial performance of the ferry service for the two years are given below:

	<u>2006-2007</u>	<u>2007-2008</u>
No. of Ferry in service	2	2
No. of Passenger ferried	1478871.00	1665395.00
Fare collection (Rs. in lakhs)	287.45	324.09
Operation Profit (Rs. in lakhs)	52.01	74.00

As announced in the Policy Note during 2006-2007 for replacing existing two ferries viz. M.L. Tamiraparani and M.L. Bhagirathi which are over 30 years old, order was already placed for Rs. 2.10 crores with M/s Kerala Shipping & Inland Navigation Corporation Ltd. Kochi, for design, construction and supply of two numbers self-propelled twin screw passenger ferries with seating capacity of 150 passengers. These two new ferries are named as M.L Guhan and M.L Pothigai by the Government and these ferries will be received by the end of June 2008 and put into service for the use of Passengers. Action has been taken to get 25% as grant on the cost of ferries from the Ministry of Tourism, Government of India. Balance cost of the ferries are borne by PSC from its own funds.

9. TAMIL NADU MARITIME ACADEMY

The Tamil Nadu Maritime Academy was set up at Thoothukudi and the training institute was inaugurated on 16.09.1998. The Academy has so far completed 17 batches of pre-sea rating course. The Academy has initially conducted Seaman and Engine Rating Training courses. Now the Academy is conducting General Purpose Crew Course instead of Deck and Engine Rating Crew with 30 numbers of trainees in each batch. The Academy is also conducting five STCW-95 courses namely "Personal Survival Techniques", "Elementary First Aid", "Personal Safety and Social Responsibility", "Oil Tanker Familiarization" and "Fire Prevention and Fire Fighting".

Vellakovil M.P.Saminathan
Minister for Highways.