

VOLUME - 1

Urban Infrastructure and Governance

VOLUME - 2

**Annexures to Urban
Infrastructure & Governance**

VOLUME - 3

Basic Services to the Urban Poor



CITY DEVELOPMENT PLAN FOR BANGALORE

2006

**Jawaharlal Nehru
National Urban Renewal Mission**

LIST OF ANNEXURES



Minutes of Stakeholders Consultation.....	1
Tables for Financial Operating Plan.....	15
Citizen's Perspectives.....	33
Indicative List of Roads.....	41
Map showing location of BMTCL Bus Depots.....	45

2006

**Jawaharlal Nehru
National Urban Renewal Mission**

Annexure1: Minutes of the Meeting

Part A: Key priorities of the Stakeholders

This part summarizes various meetings held among the stakeholders and their key priorities.

Date	ULB	Stakeholders	Key Priorities
21-04-06	RR Nagar CMC & Kengeri TMC	<ul style="list-style-type: none"> • DMA • KUIDFC • iDeCK • Resident Associations • All India Consumer Panchayat Welfare Association 	<ul style="list-style-type: none"> • Develop road connecting to Metro Rail Station • Develop Ring road & construct flyovers to ease traffic congestion • Ensure regular water supply & distribution • Solid Waste Management & Environment Protection • Higher capacity transportation vehicles for SWM • Develop lakes, parks, playgrounds, slums & burial ground • Provide UGD and street lights • Improve storm water drains • Provide Health services in all wards • Provide All civic facilities for unauthorized layouts • Curb unauthorised land encroachment • Provide kalashetras for conducting cultural programmes • Construct stadium & super market
24-04-06	KR Puram CMC & Mahadeva pura CMC	<ul style="list-style-type: none"> • DMA • KUIDFC • iDeCK • Resident Associations 	<ul style="list-style-type: none"> • Flyover near Hanging Bridge • Provide health facilities, PHC • Provide proper UGD facility, cleaning of road side drains • Improve strength of roads for HTV • Improve Panchayat Roads & local roads • Metro rail from Whitefield • ROB at Hoody • Stop unauthorized constructions • Environment Protection – Plant more trees & develop parks • Under pass at KR Puram • Develop service road next to ORR • Regular supply of drinking water • Develop Ramamurthynagar Lake • Provide High school building & fire station • Housing for poor • Stop registration of sites in green belt area • Stop land encroachment around lakes

			<ul style="list-style-type: none"> • Efficient SWM collection and transportation • RWH to be made compulsory • Speedy completion of national highway works • Construct overhead tank for drinking water • Develop slums • Construct commercial complexes • Awareness creation through NGOs
26-04-06	Byatarayanapura CMC & Yelhanka CMC	<ul style="list-style-type: none"> • DMA • KUIDFC • iDeCK • Resident Associations 	<ul style="list-style-type: none"> • Develop roads in accordance to the requirement of multi-storied buildings (apartments) • Improve SWM, UGD and storm water drains • Create garbage dumping yard and landfill facilities • Develop slums • Provide education and health facilities for the poor • Stop further development of unauthorized layouts and regularize the existing unauthorized layouts • Develop & maintain small lakes around CMC • Plant trees & control mosquito menace to protect environment • Provide bus shelters, police stations & playgrounds
28-04-06	Dasarahalli	<ul style="list-style-type: none"> • DMA • KUIDFC • iDeCK • Resident Associations • Press 	<ul style="list-style-type: none"> • Improve SWM collection & transportation • Improve drainage system – create box type drainage • Develop parks in residential areas • Construct flyover on NH4 and near Jalahalli circle • Provide service road along NH4 • Water distribution pipeline to be provided from Hessarghatta • Stop encroachment of Government land • Develop Dasarahalli Lake – desilt • Provide proper drainage & road widening in Dasarahalli village • Stop registration of sites in green belt area • Provide police security for the area • Improve GIS & MIS system • Involve citizens in reforms
06-05-06	Kasturiba Nagar	Representatives of resident groups, BMP, iDeCK, members of public agencies	<ul style="list-style-type: none"> • Storm water drains • Housing for the poor • Library • Sanitation • Skywalks on Mysore Road • Drinking water • Develop inner roads and link roads that connect to the ring road • Provide Multi-storied parking on all main roads to ease traffic congestion • Widen Mysore road till Kengeri • Provide bus terminals in the outskirts of the City

06-05-06	Bharathi Nagar	Representatives of resident groups, BMP, IdeCK, members of public agencies	<ul style="list-style-type: none"> • Improve infrastructure in Government schools • Improve facilities at Government Hospitals • Family planning programmes must be imparted in all wards • Open yoga and Meditation Centres across all the wards • Address beggar's problem • Introduce a mini-bus exclusively for school children • Traffic police required near school zones • Improvement of roads • Better transportation services • Improve Sanitation • Upliftment of the poor • Greater transparency in implementation of projects • Playground for the children and youth • Improve garbage collection • Storm water drainage facilities • Maintenance of public toilets • Provide street lights • Improve footpaths on all roads • Painting the curbing stone with better quality of paints •
06-05-06	Hombegowda Nagar	Representatives of resident groups, BMP, IdeCK, members of public agencies	<ul style="list-style-type: none"> • Development of parks • Improve quality of roads • Provide better sanitation facilities • Storm water drains • Solid waste management
06-05-06	Hebbal	Representatives of resident groups, BMP, IdeCK, members of public agencies	<ul style="list-style-type: none"> • Improvement of roads/ footpaths • Maintenance of playgrounds • Tarring of all inner roads in the area • Provide road name plates • Mud to be removed from storm water drains • Provide adequate drinking water • Garbage pit to be removed from 10th cross (near the chewing gum factory) • Provide overhead roads instead of flyovers • Curb stray dog menace • Construct bridge near HMT temple • Pruning and cutting of trees • Tarring of roads in Anandanagar • Provide zebra crossing in Bellary road • Cover open drains • Provide water supply to all areas in the locality • Health officers to visit the area periodically
06-05-06	Jayanagar	Representatives of resident groups, BMP, IdeCK, members of public agencies	<ul style="list-style-type: none"> • Desilt all drains in the area • Debris on the roads should be cleared off regularly • Provide overhead tank for 4th T Block • Jayanagar General Hospital to be upgraded into a super speciality hospital • Removal of encroachments • Sulabha Shouchalayas to be provided at the north-East corner of Jayanagar General Hospital • BMTTC Bus terminal to be constructed at the

			<ul style="list-style-type: none"> existing bus terminal at 4th block • Curb unauthorized parking of tempos and trucks on MM Industries road • Stop open defecation
06-05-06	Banaswadi	Representatives of resident groups, BMP, IdeCK, members of public agencies	<ul style="list-style-type: none"> • Subway on the ring road, 9th Main to take 2 wheelers/ pedestrian traffic • Provide entry and exit lanes for ring road • Provide service road upgradation in Rammurthy nagar, Horamvu, Babusapalya JVV junctions • Bus stand on 9th main ring road junction to be shifted • Effective waste management system – number of corporation vans to be increased • Mercury / sodium vapour lights on all streets and one in the corner • Major junctions to have multiple halogen lights • Humps to be painted • Decongesting the Banaswadi temple area • Make the Anjaneya temple and surrounding an important place and avoid large vehicular traffic • Improve OMBR road so that people use this road instead of the ring road to go to NGEF area • Service road near Pizza hut to be asphalted • 2nd cross road to be made as a bus route – some trips to be diverted • setting up a horticultural – nursery for plants in the area • Parallel movement of vehicles on ring road • Increase bus services to and fro Kalyan Nagar I Block • Widening of all roads • Footpaths to be provided on all major roads • Construction of right turn towards city on the Benninganahalli flyover • Linking of East and West part of Kasturinagar through under of Hyderabad Railway line • Development of playground and parks • Development of Channasandra tank & Banaswadi Tank • Provide shopping complexes and bus shelters
06-05-06	Sanjaynagar	Representatives of resident groups, BMP, IdeCK, members of public agencies	<ul style="list-style-type: none"> • Provide bus stand at Bhoopasandra • Provide playground in Bhoopasandra / surrounding area • Community hall to be provided • Community borewell required • Cover rain water drains • Provide foot path for 60' road "Kalpana Chawala Road" • Clearing of construction debris • Drain cleaning drive to be undertaken • Water meters and readers can be eliminated as only minimum water is supplied • Road repair quality should be ensured. • Publicise standards, tests prescribed etc to ensure quality which can be assisted by citizens forums

			<ul style="list-style-type: none"> • Widen roads • All apartments should have their own parking spaces
06-05-06	Sarvagna nagar (Cox Town)	Representatives of resident groups, BMP, IdeCK, members of public agencies	<ul style="list-style-type: none"> • Tarring of colony roads • Desilt storm water drains and clear it of construction debris • Restore colony park • Make provision for displaying the number and Route of buses on the side as well • Repair connecting roads to Banaswadi main road • Parking for private vehicles to be provided within the company premises • Footpaths and drains to be improved • Apartment constructions should be as per approved plans • Give as much incentive as possible for those who harvest rain water • Rejuvenate borewell and also surface water levels • Encourage rainwater harvesting • Sagging wires from electric polls to be attended to • Public service of BTS service required from Kemanahalli – Kalyan Nagar to Indiranagar via Cox Town
06-05-06	Giri Nagar	Representatives of resident groups, BMP, IdeCK, members of public agencies	<ul style="list-style-type: none"> • Hospital, Market, Bus terminus, Library, Playground are essential infrastructure required for the area • Provide approach road from Nehru road to Banashankari • Storm water drains from T Block to Girinagar • New culverts required • Good quality of roads • Footpaths and streetlights required
06-05-06	Chandra Layout	Representatives of resident groups, BMP, IdeCK, members of public agencies	<ul style="list-style-type: none"> • Provide water supply to all areas • Improve drainage system • Garbage collection methods to be enhanced • Periodic de-silting of drains is a must • Approach roads to be provided • Arrack shops to be removed • Drainage to be cleaned and slabs to be put • Civic amenities to be provided – BMTC, Bus / Shelter stop, Hospital, Market, Library, Reading Room • Provide street lights • Improve sanitation • Ensure cleanliness of drainage

Part B: Proceedings of various Meetings

This part highlights Proceedings of the Stakeholders' Meeting held on 21.04.2006 at 4.00 P.M. in Subhash Bhavan for Rajarajeswari Nagar CMC & Kengeri TMC.

PROCEEDINGS OF THE STAKEHOLDERS' MEETING HELD ON 21.04.2006 AT 4.00 P.M. IN SUBHASH BHAVAN FOR RAJARAJESWARI NAGAR CMC & KENGERI TMC.

Officials Present from DMA, KUIDFC & iDeCK.

Questions posed and suggestions given by Residents & Members.

1. *Manjunath, Member, Kengeri TMC.*

Will you develop Slums around lakes & develop lakes?

Reply by Nandan kumar.

There are 2 types of slums. One is a declared slum & another is undeclared slum. In this scheme only the declared slums will be developed.

2. *Sathyanarayana, Member, Kengeri TMC.*

How will TMC contribute the 50% of the fund required? When will these schemes be implemented? It is good to make information public.

1. *Reply by Shivshankar*

This project can be successfully implemented if the public pays their taxes promptly.

3. *Shantappa.*

Will the fund provide for land acquisition?

4. *SK Baig, Member, Nagarabhavi Resident Association*

SWM & Environment protection will not be successful without Public participation. To involve public it is necessary to conduct awareness programmes.

5. *Smt Lalitha Prasad, Member, Kengeri TMC*

At present the connecting road between Magadi and the Ring Road is not being developed and maintained. Can this be included in the project?

2. *Reply by Shivshankar*

Yes. This can be taken up in the project.

6. *J B Naik, Member, Nagarabavi Resident Association*

At the time of forming the Layout in 1994, BDA had promised to provide water and develop the roads, but unfortunately nothing has been done so far. Even in the five year plan a lot was promised but nothing has materialised.

3. *Reply by*

Yes. This will be taken up in this scheme.

7. *Devandra Jain, President, Nagarabavi Residents' Association.*

4. The projects under this scheme should include development of lakes, parks and preventing encroachment of vacant Government land.

8. *Sheshadri, Member, All India Consumer Panchayat Welfare Association*

Bangalore is referred to as a Hi-tech city and should be upgraded to that status. To commute a distance of 50 km the Metro project should be sanctioned. The Metro Rail is an important project. I request you to make Bangalore a truly international City.

9. *Sushilendra Kumar, Secretary, Child Organization, BEML layout.*

People's participation is crucial for the success of developmental programmes, GIS should be used as a means to provide timely and accurate information to the people. Improvement of burial grounds and development of slums should form a part of this project.

10. *Kashinath Sastry, Member, Udaya Nagar Resident Welfare Association.*

GBWS – is it included in NURM? The water distribution network needs to be improved. Will there be any other corporations for water distribution?

11. *Narayana Swamy, People Awareness Stage, Kengeri.*

There is no playground, park, market or good roads in our locality. Will they be developed under this scheme?

12. *Sudhir, Member, Kengeri TMC*

The private layouts that are coming up around Bangalore grossly violate Government norms by not leaving any space for parking & developing roads, which are not to the prescribed norms. Also there are no burial grounds & playgrounds being planned now. After 20 years there will be no place available in the City, so what is the action being taken in this programme to deal with this situation?

13. *Ramachandra, Member, RR Nagar CMC*

Construct stadiums, flyover, super markets and provide garbage dumping site & storm water drains.

14. *Mallikarjuna, People Awareness Stage, Ullala*

Implementation of a one-time taxation can be considered (i.e. all the taxes to be collected by single agency - CMC).

15. *MR Narendra Babu, Chickkalasandra, Bank Colony, Resident Association*

Request you to provide all facilities for unauthorized layouts. This includes UGD, water, etc. SWM transportation vehicles with larger capacity need to be provided. Security for residents needs to be ensured by providing streetlights. People's participation should be encouraged in all activities.

16. *Padmanabha Rao, Ideal Homes Resident Welfare Association*

Satellite towns may be planned around Bangalore.

17. *Meera Rao, Secretary, Ideal Homes Resident Welfare Association*

Provide ward-wise health services (Hospitals to be provided).

18. *Krishnappa*

Improve storm water drains in the valley.

**PROCEEDINGS OF THE STAKEHOLDERS' MEETING HELD ON 24.04.2006 AT 4.00 P.M.
AT SATHYA KALYANA MANTAP, OF MAHADEVAPURA CMC & KRISHNARAJAPURAM
CMC.**

Officials Present from DMA, KUIDFC & iDeCK.

Questions posed and suggestions given by Residents & Members.

1. *Prasad, Member, CMC Mahadevapura*

Metro Rail should start from Whitefield. A flyover needs to be constructed near the Hanging Bridge ROB at Hoody. Also Panchayat Roads need to be improved. The strength of the roads needs to be improved to withstand heavy goods traffic. The amount collected by way of stamp duty should be made available to the CMC.

National Highway works have been started but when is it likely to be completed? Building of houses in the Green belt area should not be encouraged. An approach road is required from KR Puram to Mahadevapura. (Flyover may be built near the Hanging Bridge).

2. *Ramappa*

Unauthorized construction should be stalled. More trees should be planted and parks should be developed to protect our environment.

3. *Shivaraj*

When is this scheme going to be launched and when is it likely to be completed? An underpass needs to be constructed at KR Puram. A service road is also required along the Outer Ring Road.

4. *Anjanappa*

Health facilities need to be developed. Drinking water and UGD should be provided. Develop Ramamurthynagar Lake.

5. *Shama Rao*

Decentralization of power is recommended. Primary Health Centere & High Schools need to be constructed.

6. *Amrutharaj*

Registration of sites should be stopped in the green belt area.

7. *Baburao Nekundi*

Roads need to be developed. A fire station and Bus shelter should be provided. Drainages need to be widened.

8. *Prakash Reddy*

Develop UGD and Lakes. New roads need to be developed in new layouts (Unauthorised). New schemes should be developed for the benefit of poor people, like providing houses. Encroachment of land near lakes should be stopped.

9. *Rama Rao*

Rain water harvesting needs to be made compulsory. Awareness classes can be conducted through NGOs. Local roads leading to main roads need to be developed. Drainages along roads need to be cleaned regularly and the waste needs to be transported. SWM collection and transportation needs improvement.

10. *I.S.Patil*

Land ceiling act to be brought back.

11. *Sumati Bai.*

Valleys and UGD need to be developed. An overhead tank needs to be constructed for drinking water. Improvement of Slums & construction of commercial complexes needs to be undertaken.

**PROCEEDINGS OF THE STAKE HOLDERS MEETING HELD ON 26.04.2006 AT 4.00 P.M.
AT GANGADARESHWARA KALYANA MANTAP, FOR BYATARAYANAPURA CMC &
YELHANKA CMC.**

Officials Present from DMA, KUIDFC & iDeCK.

Questions posed and suggestions given by Residents & Members.

1. *SV Gururaj, Yelahanka*

Roads need to be developed according to the requirements of Multistoried buildings (Apartments). UGD and storm water drains need to be improved. An agency needs to be Create an agency to coordinate with all service providers (KPRTCL, BWSSB, DOT etc...). This could help in preventing the digging of newly laid roads.

2. *Ramesh Yelhanka*

Further development of un-authorized layouts need to be stopped. CMCs need to be given more administrative powers. Basic infrastructure facilities need to be provided even to un-authorized layouts. As the CMCs are short of funds for implementing development project, all the money accrued from stamp duty needs to be passed on to the CMCs.

3. *Ganesh, Byatarayanapura*

Improvement of SWM & UGD to be included in the project.

4. *Ramesh Byatarayanapura.*

Education and health services need to be provided for the poor.

5. *Gururaj*

SWM, drinking water and landfill facilities need to be provided. A separate agency may be created to coordinate with various service providing departments i.e road cutting , cleaning of drains & transportation of waste materials. Mobile squads can be deputed to check road cutting. Education and basic services need to be provided to the slum dwellers and at the same time the growth of slums need to be checked. Small lakes surrounding this CMC can be developed and maintained. More trees need to be planted in the layout. Unauthorized layouts may be regularized. Collected taxes can be passed on to the CMCs for carrying out developmental activities. Mosquito menace has to be controlled.

6. *Manjula, Vice President*

Lakes need to be maintained properly as it contaminates the bore well around the lake. The flow of sewerage water to the lakes should be stopped.

7. *Parvathamma Rajagopal*

Storm water drains need to be cleaned regularly. Drinking water to be provided for all.

8. *Jagannath*

Bus shelters and police stations need to be provided. Encroachment of government land should be stopped. Playgrounds need to be developed.

**PROCEEDINGS OF THE STAKEHOLDERS' MEETING HELD ON 28.04.2006 AT 4.00 P.M.
AT PEENYA INDUSTRIAL ASSOCIATION AUDITORIUM, PEENYA FOR DASARAHALLI CMC,
BANGALORE**

Officials Present from DMA, KUIDFC & iDeCK.

Questions posed and suggestions given by Residents & Members.

1. *M Srinivas, Press Editor*
12. Revolving fund mentioned in the presentation to be clarified. When will this scheme start? Is it after 7 years? Details of Rent Control Act to be provided.
2. *G. Ganapathy, NGO*
13. Residential layouts to be developed for persons working in industrial areas. SWM to be provided. Parks need to be developed. Water distribution pipeline to be provided from Hessarghatta. Encroachment of government land needs to be stopped. A flyover is required to be constructed on NH4. Service road is required along NH4.
3. *K. Lakshman Rao, Bank Manager, Indian Bank, Peenya*
14. Development of roads, parks and lakes. SWM and transportation facilities needs to be improved. Social Committees may be formed to oversee all development activities.
- 15.
4. *Gangaraju*
16. Dasarahalli and Nagasandra lakes needs to be developed. Proper drainage facilities to be provided for Dasarahalli village. Roads need to be improved in the village to ease traffic jams. A flyover is required near Jalahalli Circle. Construction activities need to be stopped in the radius of 2.5 km around the lake.
5. *Narasimhaiah, Secretary, Lions' Club, Peenya*
17. Details of this programme can be disseminated by way of hand bills. Registration of sites should be stopped in the green belt area.
- 18.
- 19.
6. *S.V. Narayanan, President, Lions' Club International, Peenya, Dasarahalli*
20. Create box type drainage to avoid road cuttings. Drainage system needs to be improved. Good planning is required for efficient utilization of funds provided in this scheme.

7. *Ashok, Chairman, Dasarahalli CMC*
21. Dasarahalli lake can be developed by way of desilting the lake. Markets, parks, playgrounds and satellite townships need to be developed. Roads and satellite towns should be developed to decongest Bangalore. Improve security (police department) facilities. GIS and MIS systems are to be put in place. Citizens must be involved in developing reforms.

Annexure – 2: Tables for Financial Operating Plan

1.0 Revenue and Expenses of CMCs and TMC

1.1 Yelhanka CMC

(Rs. lakhs)

Particulars	1999 - 00	2000 - 01	2001- 02	2002 - 03	2003 - 04
Opening Balance	3	54	215	54	43
Tax Receipts	213	2438	55	37	25
Non - Tax Receipts	18	42	46	117	42
Grants	21	76	135	80	120
Capital Receipts	0	0	0	0	0
TOTAL	252	2556	237	234	187
Salaries	78	201	75	96	115
Other expenses	113	1843	263	192	204
Capital Disbursement	0	0	0	0	0
TOTAL	191	2045	338	288	318
Surplus / (Deficit)	64	566	114	0	-88

- While total receipts have decreased at a CAGR of 7%, expenses have increased by 14%.
- Share of tax receipts in revenues have decreased from 85% to 13% while share of grants have increased from 8% to 65%.
- Salaries continue to account for 35 - 40% of the expenses while other expenses including administration, repairs and maintenance account for the remainder.

1.2 Bommanahalli CMC

(Rs. lakhs)

Particulars	1999 - 00	2000 - 01	2001- 02	2002 - 03	2003 - 04
Opening Balance	74	86	189	203	375
Tax Receipts	1135	1257	654	700	1111
Non - Tax	510	250	116	205	108

Particulars	1999 - 00	2000 - 01	2001- 02	2002 - 03	2003 - 04
Receipts					
Grants	20	136	210	175	233
Capital Receipts	75	118	0	0	0
TOTAL	1740	1762	979	1079	1451
Salaries	57	73	58	57	83
Other expenses	996	948	670	644	794
Capital Disbursement	659	595	234	90	388
TOTAL	1712	1616	961	791	1265
Surplus / (Deficit)	103	233	207	491	562

- a. While total receipts have decreased at a CAGR of 5%, expenses have decreased by 7% resulting in an increasing surplus as shown above.
- b. Tax receipts continue to account for 65 - 75% of the revenues and grants are increasing to account for 16% of the receipts.
- c. Salaries account for 6 - 7% of the expenses while other expenses account for 60%. Capital disbursements vary between 11% and 40%.

1.3 K R Puram CMC

(Rs. lakhs)

Particulars	1999 - 00	2000 - 01	2001- 02	2002 - 03	2003 - 04
Opening Balance	0	0	0	0	0
Tax Receipts	1399	5186	1361	111	327
Non - Tax Receipts	139	325	302	68	300
Grants	55	60	197	246	106
Capital Receipts	39	2	8	0	0
TOTAL	1631	5573	1868	424	732
Salaries	255	539	688	208	210
Other expenses	1656	3914	1885	326	295
Capital Disbursement	1045	1551	927	200	307
TOTAL	2956	6004	3501	734	812

Surplus / (Deficit)	-1325	-432	-1632	-309	-80
---------------------	-------	------	-------	------	-----

- a. While total receipts have decreased at a CAGR of 18%, expenses have decreased by 28%.
- b. Share of tax receipts in revenues have decreased from 85% to 45% while share of grants have increased from 3% to 15%.
- c. While share of salaries have increased from 8% to 25%, share of other expenses has decreased from 56% to 36% with capital disbursements accounting for the rest.

1.4 Byataranpura CMC

(Rs. lakhs)

Particulars	1999 - 00	2000 - 01	2001- 02	2002 - 03	2003 - 04
Opening Balance	99	248	322	35	55
Tax Receipts	482	2833	1230	341	468
Non - Tax Receipts	190	340	385	1281	508
Grants	43	51	51	68	79
Capital Receipts	0	0	0	0	0
TOTAL	715	3224	1665	1690	1056
Salaries	65	93	84	87	89
Other expenses	131	871	421	227	254
Capital Disbursement	8	4	1	0	6
TOTAL	204	969	505	314	349
Surplus / (Deficit)	611	2503	1481	1412	762

- a. While total receipts have increased at a CAGR of 10%, expenses have increased by 14%.
- b. Share of tax receipts has decreased from 67% to 45%, while that of non -tax receipts have increased from 26% to 48%.
- c. Share of salaries has decreased marginally from 32% to 25%, while that of other expenses have increased from 64% to 73%.

1.5 R R Nagar CMC

(Rs. lakhs)

Particulars	1999 - 00	2000 - 01	2001- 02	2002 - 03	2003 - 04
Opening Balance	98	214	200	172	192
Tax Receipts	1100	2534	988	246	505
Non - Tax Receipts	227	149	197	514	519
Grants	0	0	0	0	0
Capital Receipts	0	0	0	0	0
TOTAL	1327	2683	1186	760	1025
Salaries	54	56	67	63	62
Other expenses	226	263	245	264	322
Capital Disbursement	924	2541	906	680	604
TOTAL	1203	2860	1218	1007	988
Surplus / (Deficit)	222	37	167	-75	228

- While total receipts have decreased at a CAGR of 6%, expenses have decreased by 5%.
- Share of tax receipts has decreased from 83% to 50%, while that of non - tax receipts has increased from 17% to 51%.
- Share of capital disbursements have decreased from 77% to 61%, while that of other expenses has increased from 19% to 325 with salaries contributing the remainder.

1.6 Mahadevpura CMC

(Rs. lakhs)

Mahadevpura	1999 - 00	2000 - 01	2001- 02	2002 - 03	2003 - 04
Opening Balance	355	520	510	0	424
Tax Receipts	574	2842	1276	309	662
Non - Tax Receipts	190	496	274	325	188
Grants	76	118	128	96	132
Capital Receipts	0	0	0	0	0

TOTAL	840	3456	1678	729	982
Salaries	147	282	327	322	162
Other expenses	597	2932	1614	578	341
Capital Disbursement	0	0	0	0	554
TOTAL	744	3214	1942	900	1057
Surplus / (Deficit)	452	762	246	-171	349

- While total receipts have increased at a CAGR of 4%, expenses have increased by 9%.
- Share of tax receipts has remained at 65 - 70%, while that of non - tax receipts has decreased marginally from 22% to 19%, with capital disbursements accounting for the remainder.
- Share of salaries has increased from 20% to 36% while there has been a decrease in share due to capital expenditure in 2003 - 04.
- Share of capital disbursements have decreased from 80% to 31%.

1.7 Dasarahalli CMC

(Rs. Lakhs)

Particulars	1999 - 00	2000 - 01	2001- 02	2002 - 03	2003 - 04
Opening Balance	0	0	0	0	0
Tax Receipts	634	2437	782	197	349
Non - Tax Receipts	387	311	262	374	53
Grants	45	88	337	322	170
Capital Receipts	0	0	10	31	67
TOTAL	1066	2836	1391	925	638
Salaries	606	294	372	336	276
Other expenses	603	526	3079	582	337
Capital Disbursement	0	27	44	50	40
TOTAL	1209	847	3496	967	652

Surplus / (Deficit)	-143	1989	-2105	-42	-14
---------------------	------	------	-------	-----	-----

- While total receipts have decreased at a CAGR of 12%, expenses have decreased by 14%.
- Share of tax receipts has remained at 60%, while that of non - tax receipts has decreased from 36% to 8%. Share of grants has increased from 4% to 26%.
- Share of salaries has decreased from 50% to 42% while other expenses have varied between 50% and 80%.

1.8 Kengeri TMC

(Rs. lakhs)

Particulars	1999 - 00	2000 - 01	2001 - 02	2002 - 03	2003 - 04
Opening Balance	51	20	28	11	28
Tax Receipts	245	490	344	16	54
Non - Tax Receipts	27	25	19	97	72
Grants	0	0	0	0	0
Capital Receipts	0	0	0	0	0
TOTAL	271	515	363	113	125
Salaries	14	13	14	17	7
Other expenses	212	546	389	136	120
Capital Disbursement	0	0	0	0	0
TOTAL	226	559	403	153	126
Surplus / (Deficit)	96	-25	-13	-30	27

- While total receipts have decreased at a CAGR of 17%, expenses have decreased by 14%.
- Share of tax receipts has decreased from 90% to 43% due to increase in non - tax receipts from 10% 60%.
- Other expenses have remained at 88 - 96% with salaries accounting for the remainder.

2.0 Projections of Revenues and Expenses

This section presents the financial projections of the ULBs and other agencies.

2.1 Yelhanka CMC

(Rs. lakhs)

Particulars	FY 17	FY 22	FY 27	FY 31
Opening Balance	2009	4073	7271	10912
Tax Receipts	994	1269	1620	1969
Non - Tax Receipts	95	122	155	189
Grants	155	198	253	307
Capital Receipts	0	0	0	0
Salaries	161	187	216	244
Other expenses	745	864	1002	1128
Capital Disbursement	0	0	0	0
Surplus / (Deficit)	2347	4610	8080	12005

2.2 Bomanahalli CMC

(Rs. lakhs)

Particulars	FY 17	FY 22	FY 27	FY 31
Opening Balance	4630	8942	15569	23080
Tax Receipts	1744	2226	2841	3454
Non - Tax Receipts	427	545	696	846
Grants	278	354	452	550
Capital Receipts	69	89	113	137
Salaries	93	108	125	141
Other expenses	1155	1339	1553	1748

Capital Disbursement	561	650	753	848
Surplus / (Deficit)	5340	10059	17240	25330

2.3 K R Puram CMC

(Rs. lakhs)

Particulars	FY 17	FY 22	FY 27	FY 31
Opening Balance	-6437	-7341	-6013	-2674
Tax Receipts	3011	3843	4905	5962
Non - Tax Receipts	407	520	663	806
Grants	238	304	388	472
Capital Receipts	18	23	29	35
Salaries	542	628	728	820
Other expenses	2303	2670	3095	3483
Capital Disbursement	1149	1332	1544	1738
Surplus / (Deficit)	-6757	-7282	-5396	-1441

2.4 Byatarayanapura CMC

(Rs. lakhs)

Particulars	FY 17	FY 22	FY 27	FY 31
Opening Balance	18957	31984	49025	66326
Tax Receipts	1923	2454	3132	3808
Non - Tax Receipts	971	1240	1582	1923
Grants	105	133	170	207
Capital Receipts	0	0	0	0
Salaries	119	138	160	180
Other expenses	543	629	729	821

Capital Disbursement	6	7	8	9
Surplus / (Deficit)	21288	35038	53013	71254

2.5 R.R. Nagar CMC

(Rs. lakhs)

Particulars	FY 17	FY 22	FY 27	FY 31
Opening Balance	1819	4657	9567	15503
Tax Receipts	1930	2464	3144	3822
Non - Tax Receipts	577	736	940	1142
Grants	0	0	0	0
Capital Receipts	0	0	0	0
Salaries	86	100	115	130
Other expenses	377	436	506	570
Capital Disbursement	1612	1869	2167	2439
Surplus / (Deficit)	2251	5451	10863	17329

2.6 Mahadevpura CMC

(Rs. lakhs)

Particulars	FY 17	FY 22	FY 27	FY 31
Opening Balance	2843	6202	11881	18666
Tax Receipts	2034	2596	3313	4027
Non - Tax Receipts	529	675	862	1048
Grants	198	252	322	391
Capital Receipts	0	0	0	0
Salaries	354	410	475	535
Other expenses	1729	2004	2323	2615

Capital Disbursement	158	183	212	239
Surplus / (Deficit)	3363	7128	13367	20743

2.7 Dasarahalli CMC

(Rs. Lakhs)

Particulars	FY 17	FY 22	FY 27	FY 31
Opening Balance	1535	4286	9067	14859
Tax Receipts	1579	2016	2573	3127
Non - Tax Receipts	498	636	812	987
Grants	346	441	563	684
Capital Receipts	39	50	63	77
Salaries	537	623	722	812
Other expenses	1462	1695	1965	2211
Capital Disbursement	46	53	61	69
Surplus / (Deficit)	1953	5058	10330	16642

2.8 Kengeri TMC

(Rs. lakhs)

Particulars	FY 17	FY 22	FY 27	FY 31
Opening Balance	291	820	1756	2899
Tax Receipts	412	526	672	817
Non - Tax Receipts	86	110	140	170
Grants	0	0	0	0
Capital Receipts	0	0	0	0
Salaries	19	22	25	28
Other expenses	400	464	538	605

Capital Disbursement	0	0	0	0
Surplus / (Deficit)	370	970	2005	3252

2.9 Aggregate of 7 CMCs and one TMC

(Rs. lakhs)

Particulars	FY 17	FY 22	FY 27	FY 31
Opening Balance	25646	53623	98124	149571
Tax Receipts	13629	17394	22199	26984
Non - Tax Receipts	3591	4583	5849	7110
Grants	1319	1683	2148	2611
Capital Receipts	126	161	205	250
Salaries	1911	2215	2568	2890
Other expenses	8714	10101	11710	13180
Capital Disbursement	3531	4094	4746	5342
Surplus / (Deficit)	30155	61034	109502	165113

2.10 Bangalore Development Authority

(Rs. lakhs)

Particulars	FY 17	FY 22	FY 27	FY 31
Opening Balance	881485	2095857	4886022	9691844
Receipts				
Capital Receipts	89979	144912	233382	341694
Revenue Receipts	135168	336341	836925	1735448
Loans / Advances - Inflow	8099	10337	13193	16036
Deposits - Inflow	138983	161120	186782	210225
Expenses				

Capital Expenditure	72937	117466	189180	276978
Revenue Expenditure	6088	7770	9917	12054
Loans / Advances - Outflow	4202	5363	6845	8320
Deposits - Outflow	117026	135666	157274	177013
Surplus / Deficit	1053460	2482302	5793088	11520882

2.11

Bangalore Metropolitan Transport Corporation

(Rs. lakhs)

Particulars	FY 17	FY 22	FY 27	FY 31
Traffic Revenue	49695 9	123659 3	307704 0	638054 9
Other Revenue	22209 4	552642	137515 0	285151 2
Total	71905 4	178923 5	445219 0	923206 1
Salaries	39650	63857	102842	150571
Fuel	20249 3	503868	125378 6	259985 0
Other Consumables	6908	11125	17917	26232
General Administration	23815	59260	147458	305769
Others	18969 9	472031	117456 4	243557 5
Total	46256 5	111014 1	269656 6	551799 7
Surplus / (Deficit)	25648 8	679094	175562 3	371406 4

2.12

Bangalore Water Supply and Sewerage Board

1.1.1 (Rs. lakhs)

Particulars	FY 17	FY 22	FY 27	FY 31
Opening Balance	551869	2133836	6978629	16832876
Receipts				
Capital Account	64805	104368	168086	246095
Revenue Account	462322	1150404	2862574	5935834
Suspense Account	73187	117868	189828	277927
Payments				
Capital Account	82116	132248	212987	311835
Revenue Account	267517	538073	1082257	1892875
Suspense Account	64842	104429	168184	246238
Surplus / (Deficit)	737707	2731727	8735689	20841785

2.13

Bangalore Mahanagara Palike

(Rs. lakhs)

Particulars	FY 17	FY 22	FY 27	FY 31
Opening Balance	1353544	2515153	4083334	5713030
Tax Revenues	87876	112154	143140	173988
Grants	26775	34172	43614	53013
User Fees	8505	10855	13854	16839
Receipts From Properties	2846	3632	4635	5634
Fees & Fines	19601	25017	31929	38809
Capital Receipts	152042	194048	247660	301032
Cesses Collected on Property Tax	26775	34172	43614	53013
Deposits, Statutory Deductions etc	9188	11726	14965	18191
TOTAL	333607	425776	543410	660518

Administrative Expenses	68829	79791	92500	104110
Health and Sanitation	11059	12821	14863	16728
Welfare Activities	4625	5361	6215	6995
Education Promotion Activities	979	1134	1315	1480
Financial Expenses - Interest on Loans	7369	7369	7369	7369
Capital Expenditure	14844	17209	19950	22453
Repayment of Long Term Loans	0	0	0	0
Other Payments	21141	24508	28411	31977
TOTAL	128845	148193	170623	191113
Surplus / Deficit	1558306	2792736	4456122	6182436

2.14 Summary of Revenues and Expenses of agencies

(Rs. lakhs)

Particulars	FY 17	FY 22	FY 27	FY 31
Revenues				
ULBs	17775	22687	28954	35194
BMP	344840	521113	791600	1109841
BWSSB	97674	157304	253340	370915
BDA	1361212	2317387	4470059	8138717
BMTC	719054	1789235	4452190	9232061
Total Revenues	2540555	4807726	9996144	18886729
Expenses				
ULBs	14156	16410	19024	21412
BMP	133903	180326	258005	344544
BWSSB	75468	110887	162929	221664
BDA	894191	1169087	1568458	2022755
BMTC	462565	1110141	2696566	5517997
Total Revenues	1580282	2586851	4704982	8128372
Surplus / (Deficit)	960273	2220875	5291162	758357

3.0 Projections for CMC and TMC for the implementation period

3.1 Yelhanka CMC

(Rs. lakhs)

Particulars	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12
Opening Balance	131	220	328	455	602	772
Tax Receipts	610	641	673	707	742	779
Non - Tax Receipts	58	61	64	68	71	75
Grants	95	100	105	110	116	122
Capital Receipts	0	0	0	0	0	0
Salaries	120	123	127	131	135	139
Other expenses	555	571	588	606	624	643
Capital Disbursement	0	0	0	0	0	0
Surplus / (Deficit)	220	328	455	602	772	965

3.2 Bommanahalli CMC (Rs. lakhs)

Particulars	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12
Opening Balance	615	815	1052	1328	1647	2011
Tax Receipts	1071	1124	1181	1240	1302	1367
Non - Tax Receipts	262	275	289	304	319	335
Grants	171	179	188	197	207	218
Capital Receipts	43	45	47	49	52	54
Salaries	69	71	74	76	78	80
Other expenses	860	886	912	939	968	997
Capital Disbursement	417	430	442	456	469	484

Surplus / (Deficit)	815	1052	1328	1647	2011	2424

3.3 K. R. Puram CMC

(Rs. lakhs)

Particulars	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12
Opening Balance	-737	-1454	-2146	-2813	-3449	-4052
Tax Receipts	1849	1941	2038	2140	2247	2359
Non - Tax Receipts	250	262	276	289	304	319
Grants	146	154	161	169	178	187
Capital Receipts	11	11	12	13	13	14
Salaries	403	415	428	441	454	468
Other expenses	1714	1765	1818	1872	1929	1986
Capital Disbursement	855	881	907	934	962	991
Surplus / (Deficit)	-1454	-2146	-2813	-3449	-4052	-4619

3.4 Byatarayanapura CMC

(Rs. lakhs)

Particulars	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12
Opening Balance	1494	2838	4260	5763	7351	9030
Tax Receipts	1181	1240	1302	1367	1435	1507
Non - Tax Receipts	596	626	657	690	725	761
Grants	64	67	71	74	78	82
Capital Receipts	0	0	0	0	0	0
Salaries	89	91	94	97	100	103
Other expenses	404	416	428	441	455	468
Capital Disbursement	4	4	4	5	5	5

Surplus / (Deficit)	2838	4260	5763	7351	9030	10804

3.5 R. R. Nagar CMC

(Rs. lakhs)

Particulars	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12
Opening Balance	159	154	180	239	334	467
Tax Receipts	1185	1244	1306	1372	1440	1512
Non - Tax Receipts	354	372	390	410	430	452
Grants	0	0	0	0	0	0
Capital Receipts	0	0	0	0	0	0
Salaries	64	66	68	70	72	74
Other expenses	280	289	297	306	315	325
Capital Disbursement	1200	1236	1273	1311	1350	1391
Surplus / (Deficit)	154	180	239	334	467	641

3.6 Mahadevapura CMC

(Rs. lakhs)

Particulars	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12
Opening Balance	637	665	727	827	967	1151
Tax Receipts	1248	1311	1376	1445	1518	1593
Non - Tax Receipts	325	341	358	376	395	415
Grants	121	127	134	140	148	155
Capital Receipts	0	0	0	0	0	0
Salaries	263	271	279	287	296	305
Other expenses	1286	1325	1365	1406	1448	1491
Capital Disbursement	118	121	125	128	132	136

Surplus / (Deficit)	665	727	827	967	1151	1381
---------------------	-----	-----	-----	-----	------	------

3.7 Dasarahalli CMC

(Rs. Lakhs)

Particulars	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12
Opening Balance	-37	-47	-27	26	113	238
Tax Receipts	970	1018	1069	1122	1179	1238
Non - Tax Receipts	306	321	337	354	372	391
Grants	212	223	234	246	258	271
Capital Receipts	24	25	26	28	29	31
Salaries	400	412	424	437	450	463
Other expenses	1088	1120	1154	1189	1224	1261
Capital Disbursement	34	35	36	37	38	39
Surplus / (Deficit)	-47	-27	26	113	238	404

3.8 Kengeri TMC

(Rs. lakhs)

Particulars	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12
Opening Balance	16	11	11	17	31	52
Tax Receipts	253	266	279	293	308	323
Non - Tax Receipts	53	55	58	61	64	67
Grants	0	0	0	0	0	0
Capital Receipts	0	0	0	0	0	0
Salaries	14	14	15	15	16	16
Other expenses	298	307	316	325	335	345
Capital Disbursement	0	0	0	0	0	0
Surplus / (Deficit)	11	11	17	31	52	81

Annexure 3: Citizen's perspectives

Citizen's Perspectives

II Citizen polls

A series of polls were conducted by the Bangalore Agenda Task Force during 2001 - 2004. These were third party researches, carried out by a professional research agency and the results of the poll were a barometer of the success of various initiatives and whether there was an overall impact on the development of the city. Initially the polls were conducted six monthly, and around two years into the initiative, it was felt that a larger period between polls was needed to gauge the improvements over a larger span of time to remove bias due to ongoing projects. Thus after September 2001, a poll was conducted in February 2003, which gauged the improvement in the city with respect to the last poll, and also over the last three years.

The results of the polls provide an insight into the way citizens perceived the problems and agency performance. This section provides a summary of the various polls.

1.1.1 a. Baseline Poll - January 2000

Problem Priority Index (PPI)

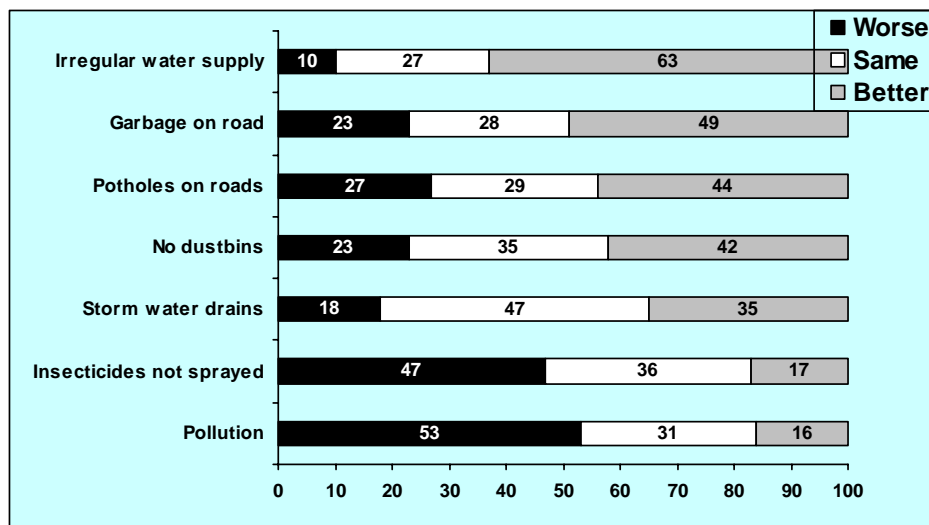
A study was undertaken in January 2000 to prioritize the various Bangalore City problems from the viewpoint of the public. The study sought to identify few critical problems solutions, which would substantially reduce public dissatisfaction with Bangalore City, BMP and other civic agencies. The problems that were prioritized for immediate action are presented in the table below:

Citizen's Perspectives – Problem Priority Index (PPI)		
S.No	Problems	PPI
1	Potholes on road	27
2	Insecticide not sprayed	26
3	Garbage on road	25
4	Storm water drainage	25
5	No dustbins	23
6	Pollution	19
7	Public toilets	19
8	Inadequate water supply	17
9	Water supplied not good	16

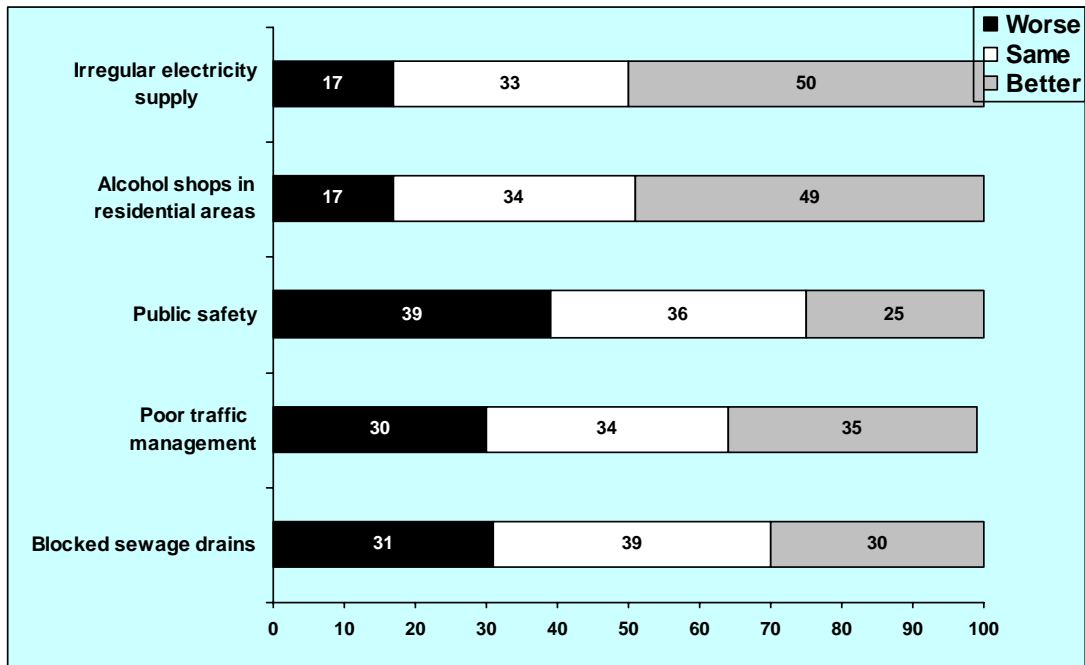
10	Stray dogs on roads	13
----	---------------------	----

b. *Poll - July 2000*

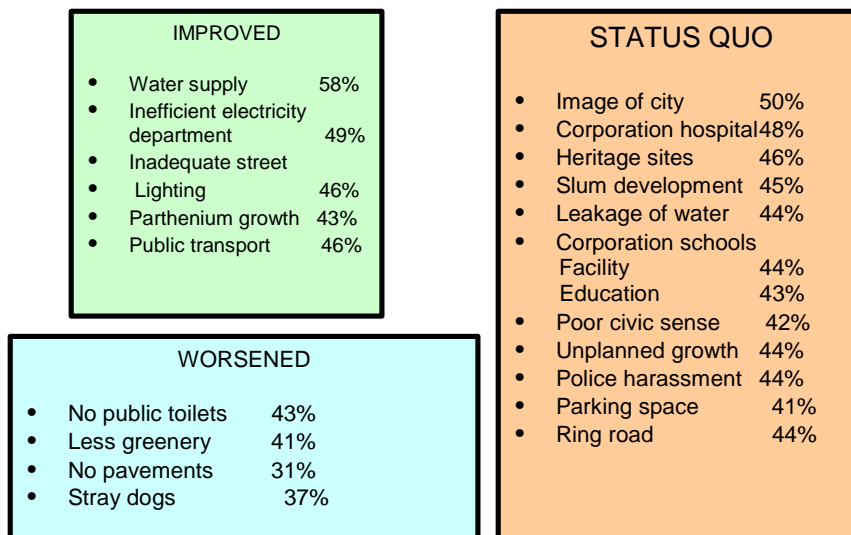
A follow-up survey to the baseline poll mentioned above was conducted in July 2000. About 613 residents of Bangalore were spoken to in this survey. Their opinion on improvement (or worsening) on various infrastructure and civic amenities related problems in the past six months was ascertained. The specific problems and the perceived changes are shown in the graph below:



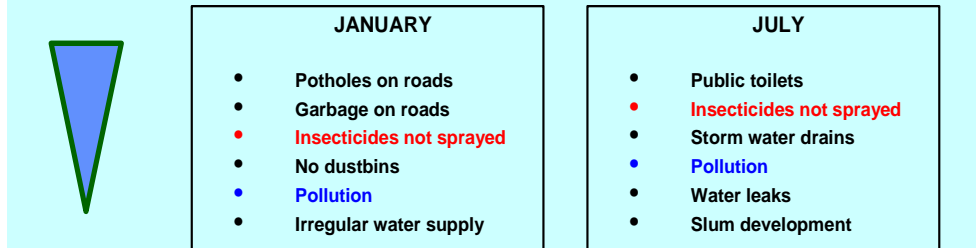
The changes perceived in other problems are shown below: Except for better electricity supply and fewer alcohol shops in residential localities, citizens see little improvement in critical problems.



The changes in priorities of various problems as perceived by the public between January 2000 and July 2000 are depicted below (from more important to less important):



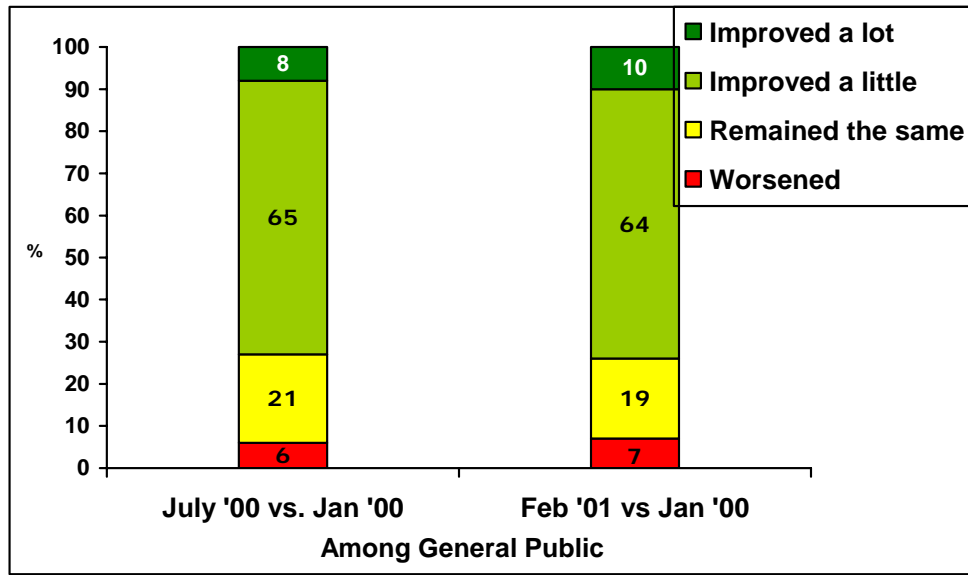
CHANGES IN PRIORITIES
Jan vs. July



Poll results showing the improvements on several critical services

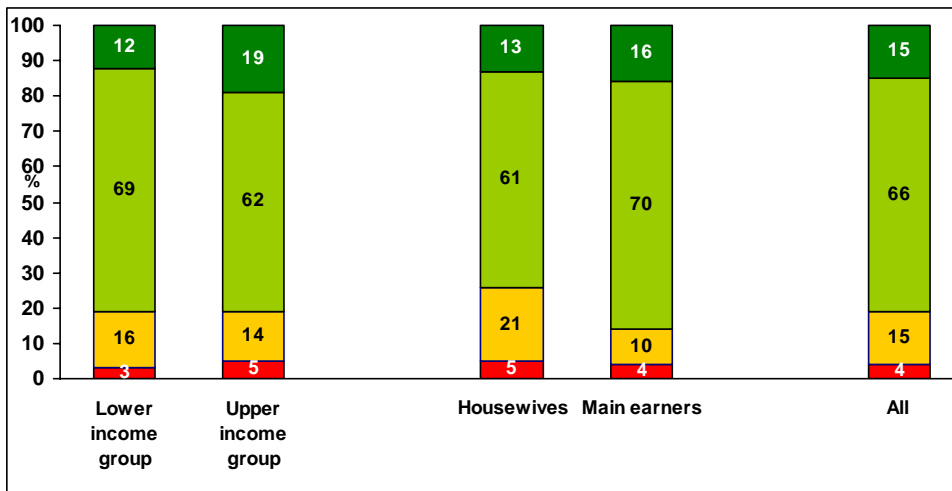


The chart below depicts an overall comparative status of civic services. Public perception of “a little improvement” has been sustained over six months, between July 2000 and February 2001.



c. *Poll – February 2001*

The following table shows the prime public concerns to be addressed in the future.



d. *Poll – September 2001*

This Report Card brought out in September 2001, indicates that Bangalore is moving forward continuously and steadily.

Citizens' concerns on various civic agencies and problems in 2001 are listed below:

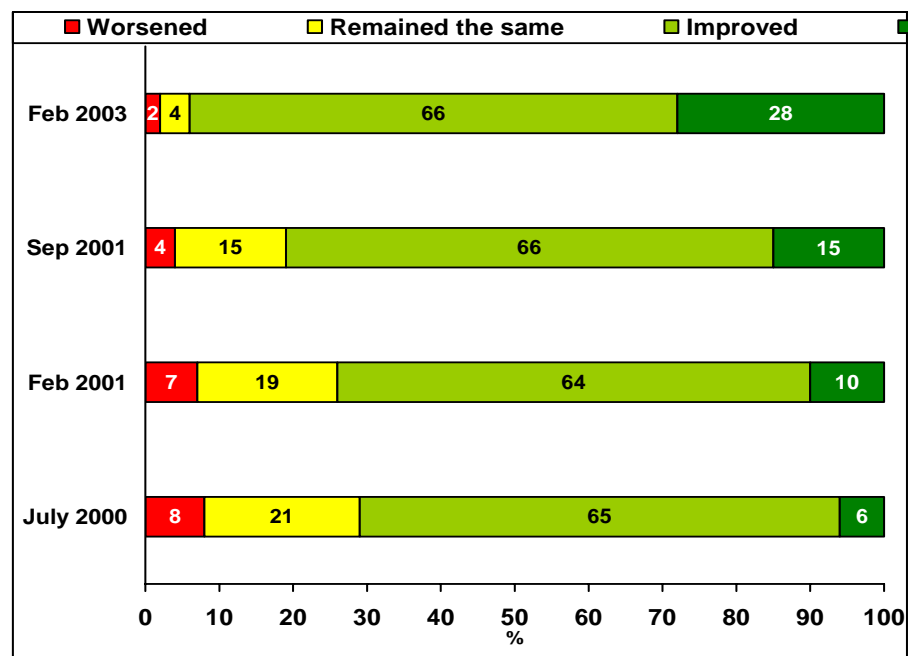
CURRENT CITIZEN CONCERNS

BMP	Insecticides not sprayed, No slum improvement	42%
BDA	Insufficient road width & inadequacy of civic amenities in new layouts	50%
BMTC	Polluting buses, Irregular bus timings	33%
BWSSB	Irregular water supply, Water quality	47%
KPTCL	Irregular power supply, queues for bills	38%
Police	Increase in crime rate, poor traffic management	31%
Telephones	Delay in getting connections, lines not working	43%

e. Poll – February 2003

Ninety four per cent of the respondents indicated that Bangalore was better off in 2003 than earlier. They stated that there was an improvement in the city’s infrastructure and civic amenities compared to a year ago. Of the 94%, 28% said there had been “a lot of improvement”. The public has noticed “strong and steady improvement” over three years.

In July 2000, 71% of those polled had stated there was improvement, in Feb 2001 the figure was 74% and in September 2001, it was 81% (as compared to the 94% in Feb 2003).



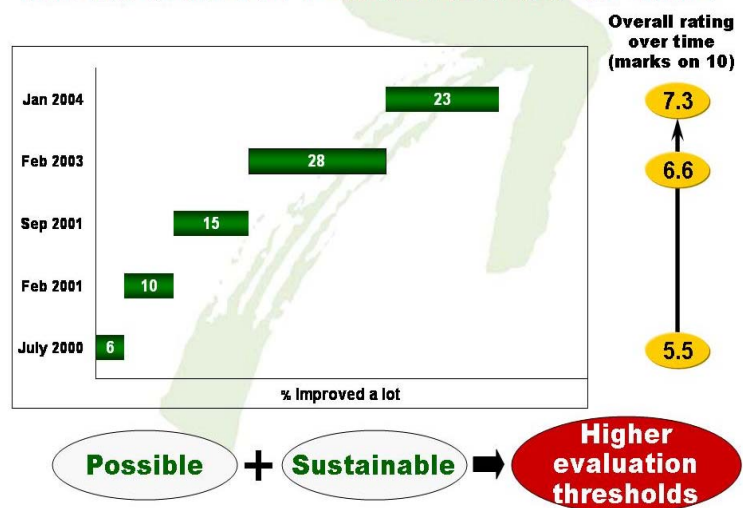
THE VISIBLE IMPROVEMENTS

- Roads & Traffic** → Flyovers/underpass
Bus stand, low floor buses
Traffic initiatives – especially one ways
- Health & Sanitation** → Door-to-door garbage collection
More & better toilets
- Urban Spaces** → Parks renovation
Footpath encroachment in Majestic and KR market
Civic facilities in slums
- Telephone, power, water, law & order**

Simultaneously, the percentage of respondents who felt that the city has “improved a lot” has also been increasing, from 6% in July 2000 to 28% in Feb 2003. The following is a progress chart depicting the perceptions of the public between July 2000 and February 2003. Bangaloreans see an increased pace in progress.

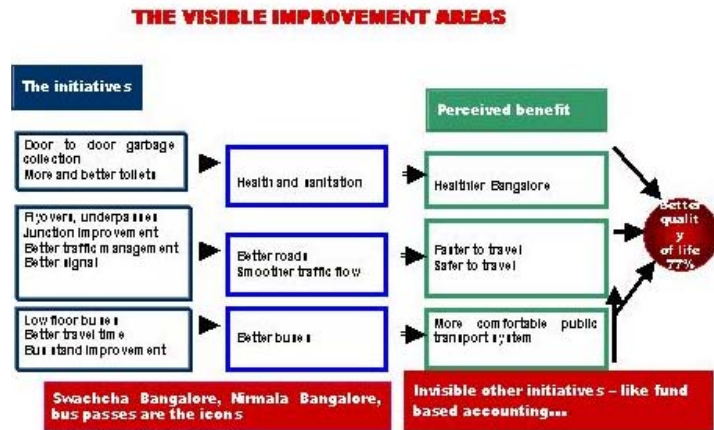
The visible improvement areas and services as perceived by the public are shown in the chart below:

IMPROVEMENT PERCEIVED OVER TIME



f. *Poll – January 2004*

The Bangalore City Report Card brought out in January 2004 tracks the improvement in perceptions of the public between July 2000 and January 2004. The overall rating (marks on 10) has gradually improved from 5.5 in July 2000 to 7.3 in January 2004.



About 77 per cent of the surveyed public seem to agree that there is an improvement in the quality of life in the City. The various initiatives of the civic agencies, the improvement areas and the perceived benefits that have contributed to an improved quality of life for the city residents are depicted in the chart below:

Annexure – 4: Indicative list of Roads

S. No.	Corridor Details	Trip Intensity	Intervention Planned
1	Bellary Road (from Kodehalli Rd. to Kaveri Theatre)	High	<ul style="list-style-type: none"> ▪ Widening to 30 m and improvement by BMP
2	Palace Road (between Mysore Bank junction to Kaveri Theatre)	High	<ul style="list-style-type: none"> ▪ Widening to 30 m and improvement by BMP
3	Tumkur Road (from Peenya Circle to Yeshwantpur)	Medium	
4	Sankey Road (from Yeshwantpur to Kaveri Theatre)	Medium	<ul style="list-style-type: none"> ▪ Widening to 30 m and improvement by BMP ▪ The section between Yeshwantpur Circle to IISc has been identified as part of Core Ring Road in the new CDP
5	Outer Ring Road (Tumkur Rd. to New BEL Rd.)	Medium	<ul style="list-style-type: none"> ▪ Proposed Volvo Bus Route
6	Jalahalli Road (from Tumkur Rd. to MS Ramaiah Rd.)	Medium	
7	MS Ramaiah Road	Medium	
8	CV Raman Road	Medium	<ul style="list-style-type: none"> ▪ Identified as part of Core Ring Road in the new CDP
9A	Jayamahar Road	High	<ul style="list-style-type: none"> ▪ Widening to 30 m and improvement by BMP ▪ Identified as part of Core Ring Road in the new CDP
9B	Jayamahar Road to Bellary Road via RT Nagar Main Road	Medium	<ul style="list-style-type: none"> ▪ Identified to be widened and improved by BMP
10	Chord Road (from Mysore Road to Yeshwantpur)	High	
11	Outer Ring Road (from Magadi Road to Tumkur Road)	Medium	<ul style="list-style-type: none"> ▪ Proposed Volvo Bus Route
12	Magadi Road (from Ring Road to Leprosy Hospital)	Medium	<ul style="list-style-type: none"> ▪ Widening to 30 m and improvement by BMP
13	Dr. Rajkumar Road (from Magadi Road to Kuvempu)	Medium	<ul style="list-style-type: none"> ▪ Identified as part of Core Ring Road in the new CDP
14	Gnanabharati Road (from Mysore Road to Outer Ring Road)	Medium	
15	Mahakavi Kuvempu Road	Medium	<ul style="list-style-type: none"> ▪ Widening to 24 m and improvement by BMP

S. No.	Corridor Details	Trip Intensity	Intervention Planned
16-A	Sampige Road	Medium	<ul style="list-style-type: none"> ▪ Designated as No-Parking Zone by BTP
16-B	Margosa Road	Medium	
17	Mysore Road (from City Market to Ring Road)	High	<ul style="list-style-type: none"> ▪ Sirsi Circle to Ring Road proposed for widening to 30 m and improvement by BMP
18	Binny Road (from Sirsi Circle to Bangalore City Station)	High	<ul style="list-style-type: none"> ▪ Identified as part of Core Ring Road in the new CDP
19	Sheshadri Road	High	<ul style="list-style-type: none"> ▪ Widening to 30 m and improvement by BMP
20	Sheshadripuram Main Road upto Mysore Road	High	<ul style="list-style-type: none"> ▪ Kempegowda Bus Station- Mysore Road ▪ Widening to 30 m and improvement by BMP
21	KG Road	High	<ul style="list-style-type: none"> ▪ Widening to 24 m and improvement by BMP ▪ Designated as No-Parking Zone by BTP ▪ Proposed Volvo route
22	St. John's Church Road – Murphy Road	High	<ul style="list-style-type: none"> ▪ St. John's Road ▪ Identified as part of Core Ring Road in the new CDP ▪ Designated as No-Parking Zone by BTP ▪ Murphy Road ▪ Identified as part of Core Ring Road in the new CDP ▪ Widening to 30 m and improvement by BMP
23	Arabic College Road (upto Ring Road)	Medium	
24	Wheeler's Road-Banaswadi Road	High	<ul style="list-style-type: none"> • St John's Church Road to Ring Road ▪ Widening to 24 m and improvement by BMP
25	Cunningham Road	Medium	<ul style="list-style-type: none"> ▪ Designated as No-Parking Zone by BTP
26	Queen's Road	Medium	
27	Infantry Road-Miller's Road	Medium	<ul style="list-style-type: none"> • Ali-Askar Road to Main Guard Cross Road ▪ Widening to 24 m and improvement by BMP
28	Kamaraj Road	Medium	
29	Cubbon Road-Dickenson Road	High	<ul style="list-style-type: none"> ▪ Improvement by BMP
30	MG Road	High	<ul style="list-style-type: none"> ▪ Proposed Volvo route
31	Old Madras Road (from Indira	Medium	

S. No.	Corridor Details	Trip Intensity	Intervention Planned
	Nagar Road to Bayapanahalli)		
32	Indira Nagar 100 ft Road (from Old Madras Road to Airport Road)	Medium	
33	Airport Road (Trinity Circle to Outer Ring Road)	Medium	<ul style="list-style-type: none"> ▪ Widening to 30 m and improvement by BMP ▪ Identified for improvement under the Corridor Improvement Programme by BTP ▪ Proposed Volvo route
34-A	General Thimmaiah Road (Richmond Road – from Richmond Circle to Shoolay Circle)	High	<ul style="list-style-type: none"> ▪ Proposed Volvo route
34-B	General Thimmaiah Road (Richmond Road – from Shoolay Circle to Trinity)	Medium	<ul style="list-style-type: none"> ▪ Identified as part of Core Ring Road in the new CDP
35	Carriappa Road (Residency Road)	High	
36	Brigade Road	High	
37	Hosur Road	High	<ul style="list-style-type: none"> ▪ Widening to 30 m and improvement by BMP ▪ Identified as part of Core Ring Road in the new CDP (from Shoolay Circle to Cemetery Junction) ▪ Identified for improvement under the Corridor Improvement Programme by BTP ▪ Proposed Volvo route
38	Bannerghatta Road (from Hosur Road to IIM)	Medium	<ul style="list-style-type: none"> ▪ Identified as part of Core Ring Road in the new CDP (from Cemetery Junction to Dairy Circle)
39	Kasturba Road	High	<ul style="list-style-type: none"> ▪ Widening to 24 m and improvement by BMP
40	Lalbagh Fort Road - Marigowda Road (upto Hosur Road)	Medium	<ul style="list-style-type: none"> • Lalbagh Fort Road ▪ Widening to 30 m and improvement by BMP ▪ Identified as part of Core Ring Road in the new CDP ▪ Designated as No-Parking Zone by BTP
41	Mission Road	Medium	
42	NR Road	Medium	
43	JC Road	High	<ul style="list-style-type: none"> ▪ Designated as No-Parking Zone by BTP ▪ Proposed Volvo route
44	RV Road	Medium	<ul style="list-style-type: none"> ▪ Proposed Volvo route

S. No.	Corridor Details	Trip Intensity	Intervention Planned
45	KR Road	Medium	<ul style="list-style-type: none"> Widening to 24 m and improvement by BMP
46	KH Road	High	
47	Langford Road	Medium	
48	Raja Ram Mohan Roy Road	Medium	
49-A	Jayanagar 11 th Main Road (from 4 th Block to 80 ft Road)	Medium	<ul style="list-style-type: none"> Proposed Volvo route
49-B	Ashoka Pillar Road	Medium	
49-C	JP Nagar 24 th Main Road (from 80ft Road to Puttenhalli)	Medium	<ul style="list-style-type: none"> Proposed Volvo route
49-D	45 th Cross from JP Nagar 24 th Main Road junction to Kanakpura Road	Medium	<ul style="list-style-type: none"> Identified for widening and improvement by BMP
50	South-end Road	Medium	
51	Kanakpura Road	Medium	
52	Avenue Road	Medium	<ul style="list-style-type: none"> Widening to 24 m and improvement by BMP

COMPREHENSIVE DEVELOPMENT PLAN FOR BANGALORE

EXISTING DEPOTS

- | | |
|-------------------|----------------------|
| 1. Shanti Nagar-2 | 14. Deepanjali nagar |
| 2. Shanti nagar-3 | 15. Chandra Layout |
| 3. Jaya Nagar | 16. Whitefield |
| 4. Vijaya Nagar | 17. Electronic City |
| 5. Indiranagar | 18. Banashankari |
| 6. Sbhash nagar | 19. Rajeshwari nagar |
| 7. Yeshwantpur -1 | 20. Peenya |
| 8. Peenya | 21. Kalyan Nagar |
| 9. Kalyan nagar-1 | 22. KR Puram |
| 10. Puttenhalli | 23. HSR layout |
| 11. Kengeri | 24. YeshwantPur-2 |
| 12. Ganga nagar | |
| 13. Koramangala | |

MAJOR BUS STATIONS

1. Kempe Gowda
2. Shivaji Nagar
3. Shanti Nagar
4. KR Market

MINOR BUS STATIONS

- | | |
|-------------------------|------------------------|
| 1. Anjana Pura | 16. Kalyan nagar |
| 2. Austin Town | 17. Kaval byrasandra |
| 3. BTM Layout | 18. Kengeri |
| 4. Banashankari | 19. Koramangala |
| 5. Basaweswara nagar | 20. Kumar Swamy layout |
| 6. BEML Layout | 21. Malleshwaram |
| 7. BSK 3 Stage | 22. Sree nagar |
| 8. CK Achkutt | 23. Nagar Bhavi |
| 9. Chandra Layout | 24. Nandini layout |
| 10. Domlur | 25. RPC layout |
| 11. Electronics City | 26. Vidyaranya Pura |
| 12. Hesara Layout | 27. Vivek Nagar |
| 13. Jaynagar | 28. Yelehanka |
| 14. Jeevan Bheema Nagar | 29. Yeshawant Pura |
| 15. Kadugodi | |

TITLE:
LOCATION MAP FOR EXISTING DEPOTS AND BUS STATIONS

FIGURE NO:

SCALE : NTS

