

BELLANDUR DEVELOPMENT RESOLUTION 2018

Kasavanahalli Development Forum(KDF) had called for a meeting on 21st July 2018 on behalf of all RWAs, Citizens and Forums of Bellandur to pass “Bellandur Development Resolution 2018” seeking development of Bellandur that has been neglected for years. Bellandur is one of the largest wards in Bengaluru with 27sqkm and houses almost every IT Software Giants in ORR, Sarjapur Road which are fastest growing IT corridors in Asia. As per last estimate, ORR region in Bellandur contributes about 12%(~18 Billion \$) of IT Services contribution to Indian GDP and largely to state and municipality exchequer in terms of taxes. In this context, we want you to **recognize this ward as “too disastarous to fail”** and request the following Infrastructure programs to be considered and expedited through Cooperative federalism between State and Centre.

We encourage the Government of Karnataka(GoK) presided by Hon CM Mr. Kumaraswamy, DyCM & Bengaluru Development Minisiter Hon Mr. Parameshwara, Niti Aayog Vice Chairman Dr.Rajiv Kumar, Worshipful Mayor Mr.Sampath, Hon MP Mr.PC Mohan, Hon MLA Mr.Arvind Limbavali, Hon.Corporator Smt. Asha Suresh and officials of Bellandur ward, Mahadevapura zone to seriously pursue this request so that we leave behind Bellandur as a livable ward for our next generation.

Summary

1. Water Connection, UGD has to be completed quickly with road restoration works immediately
2. Move Metro Iblur-Carlemaram to Phase 2C/2B and not Phase 3.
3. Reduce private vehicles through better connect and legislations. Integrated transport authority should revamp BMTC route plans for Inner-Loop to Hub, Hub to Hub and soon complete the suburban works that will be a gamechanger.
4. Develop 61 Kms of Arterial, SubArterial and SubRoads with Railway Overhead Bridges. This needs pragmatic land acquisition policy and budget through PPP, SPV etc.
5. Fix the 100+Kms of Bellandur Open drain with proper Pedestrian Infrastructure.
6. Empowered Expert Committee, Multilayered STP, Wetlands development for Lakes
7. Garbage Microplan with intent from all and clear SWM infrastructure is needed to fix garbage mess in Bellandur & Bengaluru.

Details

On behalf of over 10000+ citizens represented by the RWAs and forums in Bellandur, we pass the following resolution and request the GoK, Government of India(GoI) for Implementation.

1. In an era of “Swachh Bharat” and “Digital India”, Bruhat Bengaluru has 110 Villages many hosting IT Hubs, **but are denied the basic drinking Water & Under Ground Drainage/Sewage (UGD)** connectivity by the BWSSB. Bellandur has 9 of these villages. We need to expedite the existing Water/UGD works and enable Basic Human Rights of clean drinking water and UGD facility in a time bound manner and restore all the infrastructure fixes needed due to road cutting. Today, more than half of Bellandurians are denied of basic drinking water, drainage. In addition, now they don't have safe roads to commute. These project are running without proper monitoring, coordination (BBMP,

BWSSB) or goal driven timelines. **Bangalore Development Minister has to take responsibility of this.**

2. GoK in July 2018 Budget, announced the **Metro line** introduction from **Iblur to Carmelaram(6.6kms)** as part of Phase 3. Announcement is a huge welcome, however it is too late. **We request the GoK in coordination with Gol to expedite this program as part of 2C phase**, as the Region cannot withstand the time needed for Phase 3 completion. We request GoK to operationalize the line of BTM Silkboard to KR Puram along with Carmelaram together.
3. **Reduce Vehicles, Make Public Transport Efficient** - We **DON'T** want **MORE VEHICLES** on road. As per ORRCA, association of companies on Bellandur outer ring road, they have 3 billion USD productivity loss due to road infrastructure & traffic congestion. Integrated Transport authority in 2018 Budget is a good initiative, but it should engage citizens, experts from IISc, CiSTUP with working models available across the world to enable the following -
 - a. We **need Hub-Spoke model implementation from BMTC** to ensure win-win situation where Citizens get connectivity and BMTC is more efficient and profitable.
 - b. **Inner loops that run on minibus** or appropriate sized vehicles to connect key subroad, sub-arterial roads to arterial and main/trunk roads.
 - c. **Main loops which connects to key city center areas(Hub)**. A study from IISc, CiSTUP has already proposed this in 2017
 - d. These Hubs, Inner Loops need to integrate with the Metro, SubUrban railways infrastructure
4. **SubUrban Railway connect has not yet kicked off in Bengaluru East**. Peaktime connectivity from Byappanahalli-Whitefield, Byappanahalli-KR.Puram-Bellandur-Carmelaram-Heelalige(Electronic city)-Anekal **is critical and can help over 3 lakhs commuters**. Again, having an integrated transport plan with a mix of connect to Metro Stations, Inner loops here would have multiplier effect on solving de-congestion. This **could save our country over 1300 Crores per annum** on just fuel imports as per the analysis.
5. **Prioritize** burning issues on **Road infrastructure** to enable connectivity and decongestion. Following solutions are easy wins with much less resource expense and future proof for higher transit capabilities & decongestion. **Develop, upgrade Subarterial and Arterial roads on priority, add new subroads to solve existing grid locks. These locks are in the order of 90-100 PCU's**. Outer Bangalore areas are the growth hubs for the city which has been completely neglected until date. For Bellandur, we have identified over **61 Kms of these road infrastructure** for development which are attached as appendix to resolution. Use innovative means & Special Purpose Vehicle(SPV) funds to drive these programs and ensure completion in time bound manner.
 - a. **Land acquisition needs to be more pragmatic. GoK has to accept TDR isn't working** and move to Land Acquisition Act 2013 or engage situation based

discussion with impacted citizens, empathize and expedite on the required land for the works. Current status-quo is hurting over 3 lakh commuters in Bellandur region. PPP, SPV, Infrastructure bonds, Centre funding has to be explored for funds.

- b. Mahadevapura ward has 253 Kms of Arterial(166) and Subarterial(87), of which we request **expediting development works of 61 Kms of identified roads in Bellandur** and its outskirts of other wards. We need upgradation of existing roads, Add Railway over bridge, widening, development of mud roads as part of this. **Organic Street Grid is almost non existent today hence development of these is priority for basic movement of people and offload traffic from Arterial roads to sub-arterial and subroads.**
 - c. **Strict implementation, legislations from GoK around No Parking & fines, Congestion Charges, Premium Parking Fee at congestion zones, dedicated lanes for Car pooling, Cycling** are all options to control & reduce traffic.
6. Bellandur continues to have over **100+ Kms of open roadside drains**. We have identified and submitted a request to fix about 40 Kms of these on priority. This is already in tender process and has to be expedited. **On top of this, we need to develop “Bellandur Walks” an entire “Pedestrian Infrastructure” program that enables the entire ecosystem for a walking & healthy citizens.** We need this holistic Infrastructure development of roads, drains, walk infrastructure for a ecosystem which supports **“Preventive Healthcare”** involving “Pollution Control” & Hygiene of citizens. This can also reduce Insurance premiums for Gol in schemes like “Ayushman Bharat”. An expert review will provide the exact cost of savings.
7. Bengaluru will be **“Dry Bengaluru” by 2030** as the water crisis is imminent. **Bellandur borewells now reach 1100+ feet with no water and Lakes spew fire and foam.** We, as citizens have failed our next generation by not being responsible and accountable to the ecosystem of Lakes, Tanks and Channels that were lifeline for Bengaluru water table. GoK has acted in an even more irresponsible way by bringing in Institutions, laws and regulations which are “Make believe”, rather than being serious about the issue.
- a. Today, **we hardly got about 16 lakes in the vicinity of Bellandur, Sarjapur Road that are all feeder lakes to Bellandur, Varthur.** Of this, over **13 are in deep red state due to Sewage inlets, Encroachments, Garbage dumping.** GoK first needs to fence, work towards a detailed plan on safeguarding these citizens assets. Details of these are in appendix for reference.
 - b. **KLCDA Act 2014** was not perfect and **was not empowered, funded.** However, the overnight abolishment of this act and passing of **Tank Development Act is a serious cause of concern.** We need the **Expert Monitoring Committee of 2016 to be setup with regulatory authority for management of lakes in Bengaluru.**
 - c. Bellanduru STP is able to cater for about **300 MLD compared to an inlet of 500 MLD** and this is ever growing. There is lack of seriousness in addressing this problem from GoK. Also we need mini-STP enabled for each of feeder lakes for successful restoration of Bellandur lake.
 - d. Storm water Drains Infrastructure needs revamp and integrated **with a Multi-layer STP including wetlands development.** It is paramount to have

wetlands development for treatment of Phosphate, Nitrates without which foam and fire will continue.

- e. Minor Irrigation or Lake Development authority or any authority **empowered should also have experts of Earth science, Spatial analysis, Hydrologists, HydroGeologists to save quality of water.** Unless this is given a scientific solutioning approach, all other acts will fail.
 - f. **Scientifically designed water charge pits with inputs from these experts** are needed to increase the ground water table. We as residents will pledge to implement RWH in all our apartment and complexes.
 - g. **Citizen Participation, Vigilance and Audit is a must to preserve these lakes.** Urge the GoK representatives to legislate and empower the Expert committee.
8. Brand Bengaluru is now known for garbage and Bellandur is no different. **Garbage Microplan is approved but the same needs clear Intent and thorough, quick implementation with Citizens Audit to ensure the deliverance of services.** The pending request around location for **Construction/Debris waste, Wet waste management, e-Waste management is important for the ecosystem** and overall health of citizens. Note that as IT Capital, we also generate a large e-Waste and lack of proper policy, procedure and infrastructure is a huge concern.

We do hope and request our Government of the day, truly acts with intent i.e. both in the State, Centre. We believe the elected representatives will come back with an Integrated Action Plan(IAP) on the above requests with timelines, resources and responsibilities against authorities/departments in the next 30 days by end August 2018.

In absence of such action plan, we will consider the lack of response as denial of “Right to life” as per Article 21 of the constitution and will unitedly pursue legal steps on all concerned representatives. In addition, we will also initiate a ward level movement and protest rally for implementation of the above.

Thanking you in anticipation,

Vishnu Prasad Hari

(On Behalf of the Bellandur Citizens)

Contact : 9880134455, kasavanahallidevforum@gmail.com

Attached Appendix:

1. Road Infrastructure Maps, State of Lakes
2. Resolution Signatories, their Name & RWA Names

Copied : Hon. PM Narendra Modi, Hon CM. Kumaraswamy, Dr.Rajiv Kumar(Niti Aayog VC), Hon. BBMP Mayor Mr.Sampath Raj, Hon.Member of Parliament PC Mohan, Hon.Arvind Limbavalli, Hon. Corporator Asha Suresh

APPENDIX

Exhibit -1 : [Reference Map](#) of the Key Arterial, SubArterial, Sub Roads Improvement

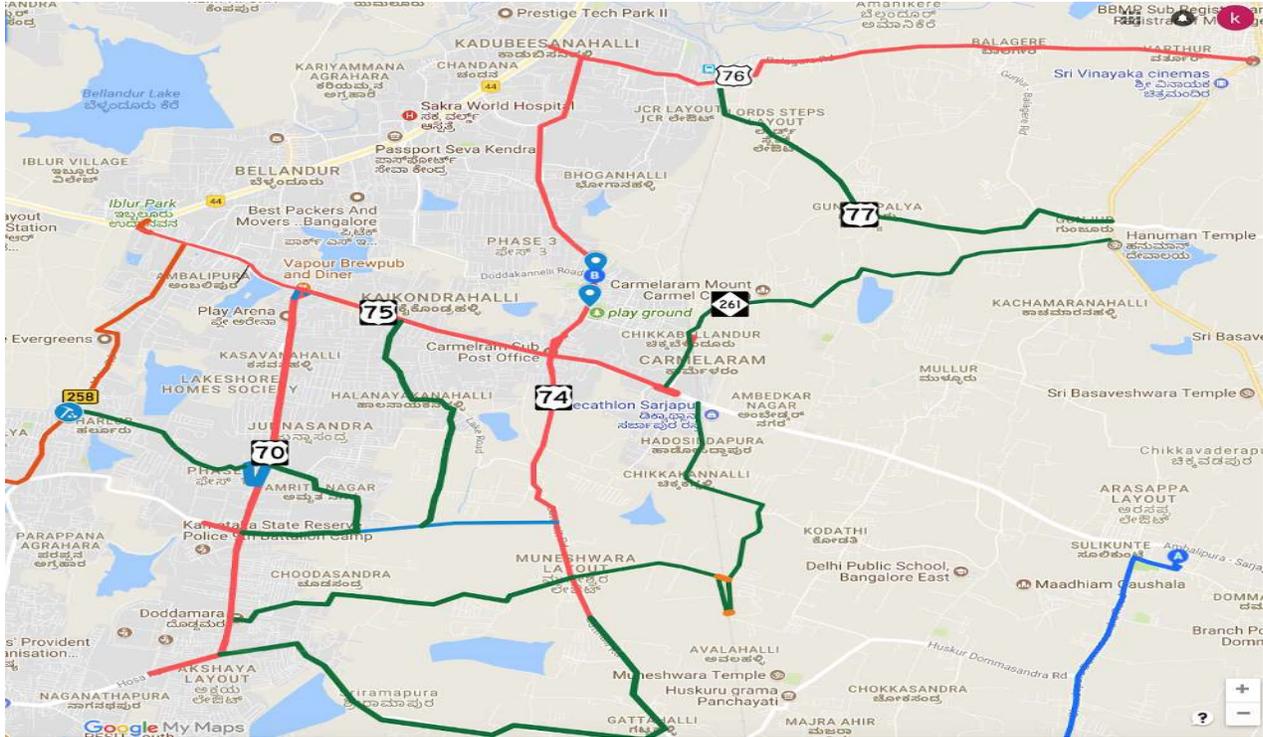


Exhibit -2: Tabular view and breakup of 61Kms of Road Infrastructure Identified

KEY ZONES	CURRENT ISSUE OR PROBLEM	TYPE OF DEV.	APPROX KMS
SARJAPUR ROAD - IBLUR JUNCTION TO DECATHLON	While the other stretches are in better state this stretch is densely populated, land acquisition issues, litigation due to compensation is major issue. Also need holistic plan to improve junction with Sarjapur road	WIDENING (IN PROGRESS)	5.0 KMS
ARTERIAL ROADS (A70, A74,A75,A76,A77)	Hosa Road, DoddaKanneli are key junctions and Arterial roads connecting Sarjapur Road. Arterial Road infrastructure is NIL causing blocks of upto 90-100 PCUs at these junctions. Improvement will provide more interconnects across Hosa, Kanneli road all the way to Kadubeesanahalli & Panathur, Gunjur connect will giving relief to entire traffic of ORR - Electronic City	IMPROVEMENT (EXISTING) WIDENING-HOSA RD (ENABLE DPR)	39.0 KMS 5.0 KMS
SUBARTERIAL IMPROVEMENT (S258, S261)	Harlur Road connecting to Kudlu needs improvement; Karmelaram-Gunjur Road Improvements Carmelaram ROB	IMPROVEMENT (EXISTING) ROB (RailOverBdge)	9.0 KMS 0.1 KMS
SUB ROADS	Choodasandra Road, Rayasandra Road, Halanayakanahalli road,interior roads to provide grid connect will help offload traffic	NEW ROADS ROB (RailOverBdge)	2.5 KMS 0.1 KMS

Exhibit -3: State of feeder lakes in Bellandur/Sarjapur Road Areas

SI No	Lake	Area (Hect)	Inlets	Outlet	Pollution	Risk
1	Saul kere	25	4 SWD/Others	Bellandur Lake	High	Untreated Water, Encroachments
2	Kaikondrahalli Kere	19	Kasavanahalli Lake	Saul Kere	Low	Drainage Inlet issue, encroachment concerns
3	Kasavanahalli Kere	21	2 SWD/Others	Kaikondrahalli Kere	Low	Drainage Inlet issue, encroachment concerns
4	Harlur Kere	9.6	Chikka Kudlu	Kasavanahalli Lake	Low	
6	Chikka Kudlu Kere	4.5	SWD	Harlur Lake	High	Inlet has Sewage, Water Hyacinth Issues
7	Dodda Kudlu Kere	18	3 SWD Inlet		Medium	
5	ParapanaAgrahara Kere	7	3 SWD Inlet	Dodda Kudlu Kere	DRY	Dead lake - needs restoration & saving from Encroachment
9	Dodakanneli Kere	9			DRY	Under Restoration
8	Devarabeesanahalli Kere	4.6			High	Drying due to Rajakaluve Encroachment, Sewage by nearby residents
10	Junnasandra Kere	4.7			DRY	Under Litigation, Encroachment. Needs rejuvenation
11	Halnayakanahalli Kere	17			Medium	Dumping construction activity, encroachment
12	ChikkaAmbalipura Kere	2.9			Medium	Too many residences, encroachment is a concern
13	DoddaAmbalipura Kere	5.5	Blocked	Blocked	Medium	Military Zone and hence safe but inlet and outlet block is a issue
14	Iblur Kere	7.3			High	Encroachment is a concern, Sewage into the lake
15	Hoddasiddapura Kere	6.3			High	Already from 14.5 hectare its now 6.3 hect due to encroachments
16	Hosa Lake				Medium	Rejuvenation underway. However, even Jail and other residents are letting non treated sewage etc into here and ParappanaAgrahara lake which is a issue
Note: Input from Biome trust, IISc Reports						

