

ABIDe Task Force for better Bengaluru

Essential Principals for Bangalore Infrastructure Projects by Government Agencies

1. **No Project should not start without consent / permission from resident welfare association of that neighborhood**

- a) Infrastructure projects must not destroy neighborhoods – Bangalore is a city of Neighborhoods – Investors / Visitors / Residents need good neighborhoods
- b) IMPLEMENT PROJECTS only after consulting RWA's / Residents
- c) The capacity of Arterial roads must be increased by building elevated roads. And, if required, the same approach of elevated roads must be used to add to the capacity of arterial roads.
- d) DO NOT ignore Citizens Concerns

2. **Transportation Infrastructure Projects**

- a) Objective should be to expand / increase the capacity and throughput and also have a long term plan of Transportation along with the other city growth priorities
- b) Underpasses are NOT THE ANSWERS as they DO NOT increase capacity
 - i. They divide existing at grade capacity, Disturbs / Destroys residential areas and create chaos for local traffic movement. Local traffic is as important as thru traffic.
 - ii. On Arterial Roads, by creating underpasses, we are splitting the existing at grade capacity;
 - iii. They are driven more by Contractors/ Engineers, vested real estate interests and not by town planners
 - iv. Bangalore and citizens are playing the price for poor planning as demonstrated in cases of Kadirenahalli and Tagore Underpass – which are pending more than 40 months
- c) **Answer is Elevated Roads**
 - I. Elevated Road on Hosur Road, Bellary Road, Tumkur Road and Flyover at Mysore Road are examples of successful creation of elevated road capacity
 - II. On Arterial Roads, by creating underpasses, we are splitting the existing at grade capacity; instead agencies must focus on building New Capacity through elevated roads.

d) **Underpasses and flyovers work on locations where junction is a bottleneck such as ORR. Where the traffic exceeds the capacity of the roads, underpasses and flyovers provide only temporary relief. However, along with underpasses and flyovers, we need to enhance the capacity which can be done in following 2 ways.**

1. By widening the existing roads
2. By creating the elevated roads

However, given that the most arterial roads have no widening possible without destroying existing buildings and environment. Elevated roads is a viable and preferred option

Keeping in mind of the future expansion of Metro and other mode of Public Transport and infrastructure projects we propose the following elevated roads on highly congested arterial roads.

Along with elevated roads, we also recommend BRTS to be deployed on feasible arterial and circular roads starting with ORR as already proposed between Central Silk Board to Hebbal

BRTS can also be implemented on these elevated corridors at grade level.

e) **Priority should be given to maintenance of existing roads along with new projects.**

f) **Elevated roads required at following routes**

SI No	From	To	Distance (KM)
1	Domlur Bridge	Varthur Kodi	10 KM
2	St. Patrick Cemetery	Central Silk Board	4.4 KM
3	Nayandahalli Junction	Central Silk Board	13.6 KM
4	Mysore Road Circle	University Junction	6 KM
5	NK Junction	Agara Lake Junction	3.0 KM
6	Ejipura	Hosur Road (Madiwala Junction)	3.0 KM
Total (Approximate)			40 KMS

g) **Lack of finances is the reason has given not to implement the elevated roads. This is wrong and the same can be easily financed and suitable financing company can be engaged for the same.**

For Example –

1. All these new roads must be managed by BBMP as the roads can be tolled at a later stage
2. Total recommended four track elevated road - 40 KM
3. Keeping Rs. 45 Crores as approximate cost to construct four track elevated road per kilometer, we would require Rs. 1850.00 Crores.
4. Financing of this can be through 30 years PPP concession with Government Annuity Payments
5. Government Annuity could be about Rs 150 – 200 Crores / Year
6. This outflow can be reduced by Toll Collection by BBMP In future

--- 000 ---