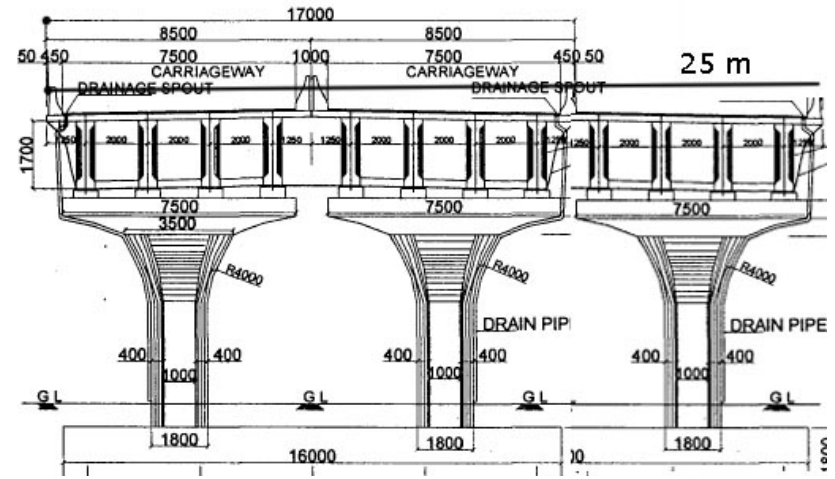
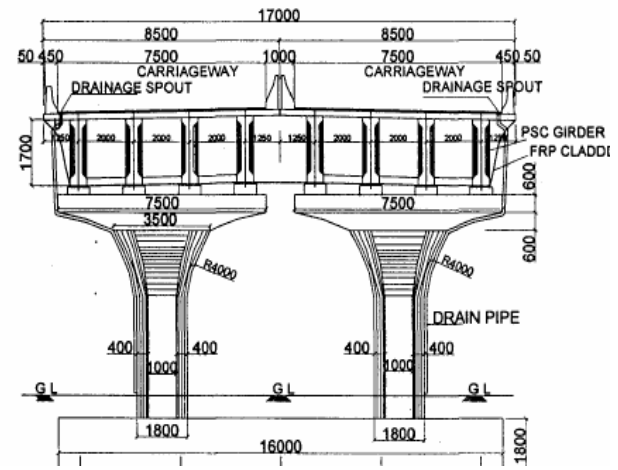


## Proposed elevated road from Light House to ECR

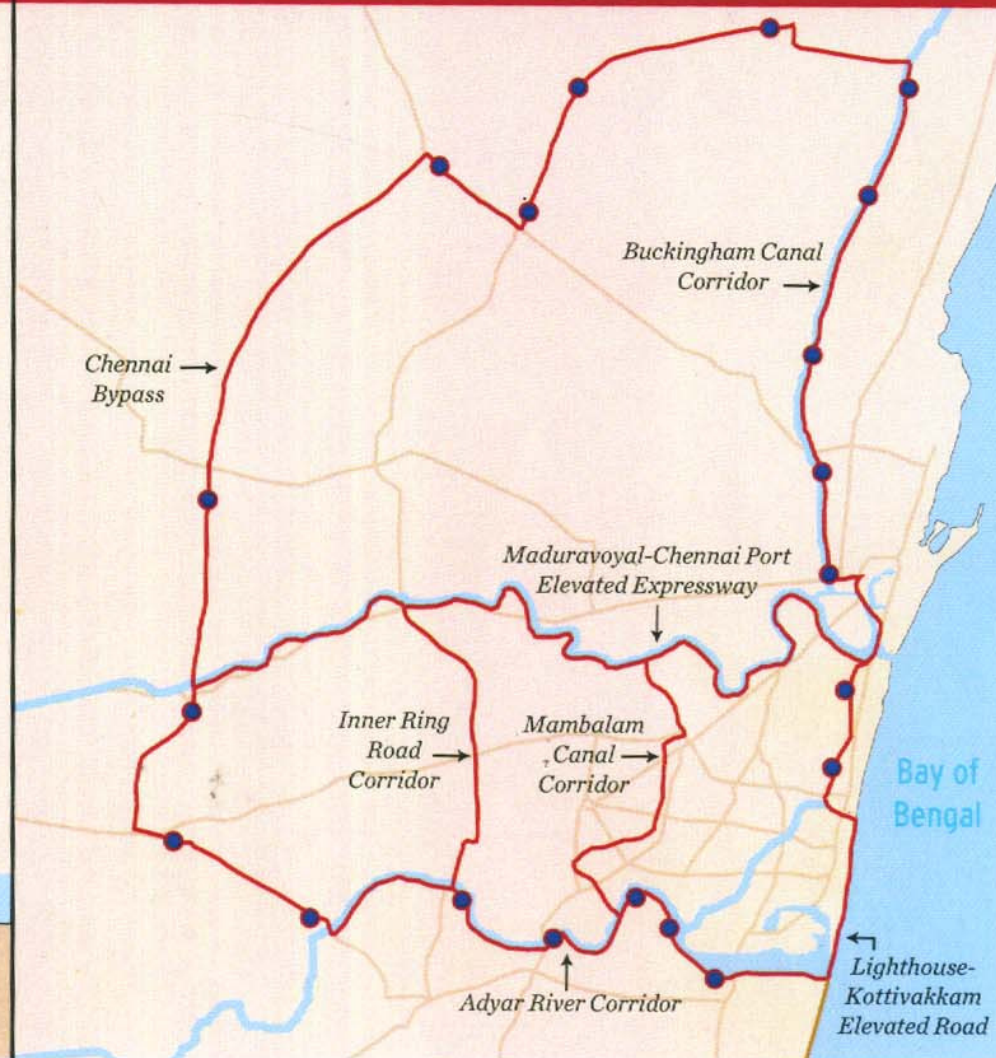
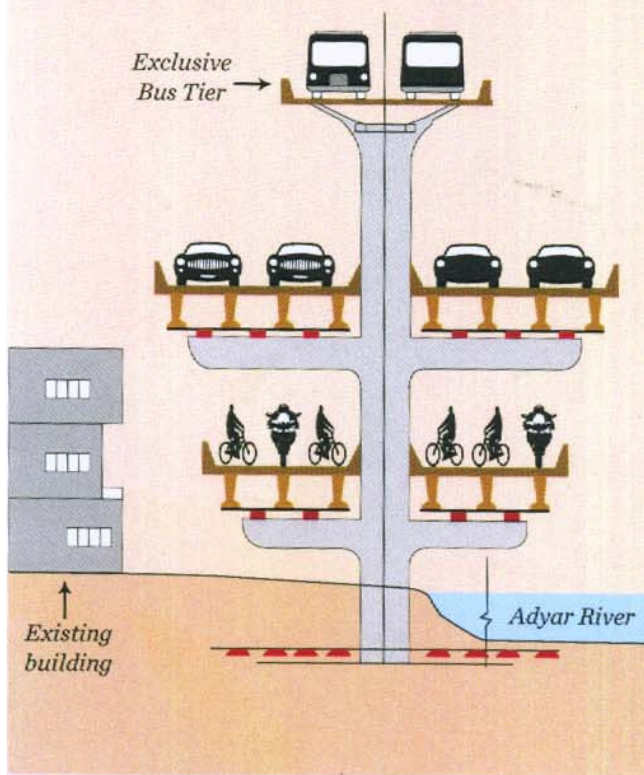


**EXTRAPOLATED SECTION**

Government of Tamil Nadu (GoTN) has formed a Beach committee to improve the existing beach along the east coast by enhancing the aesthetics and other facilities also to decongest the existing traffic along the marina beach. As part of the enhancement measures, Beach committee now intends to construct a link road from Light house on Kamarajar Salai to Besant Nagar (Via) Santhome Bypass, Sreenivasapuram, and Ururkuppam including construction of a high level bridge across Adyar Estuary to join ECR.

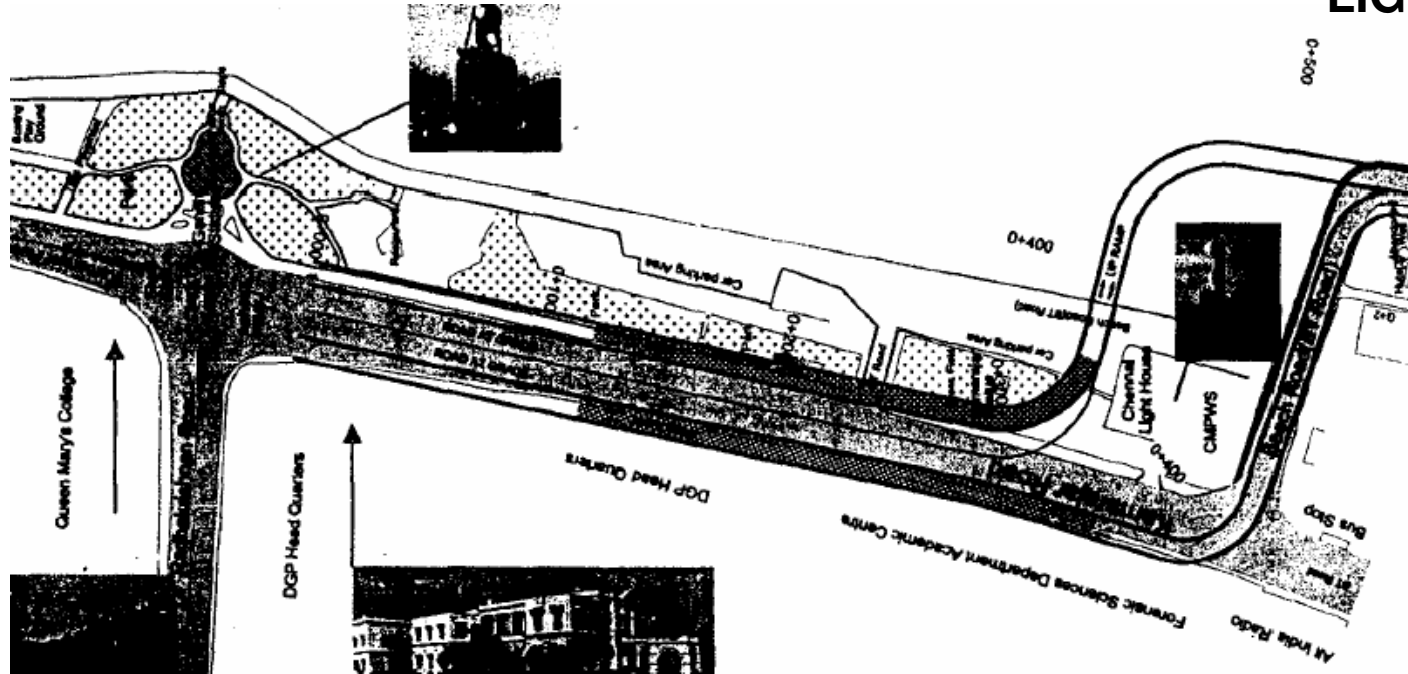
# HIGH SPEED CIRCULAR TRANSPORTATION CORRIDORS

## Proposed Three-Tier Road section along Adyar River Corridor

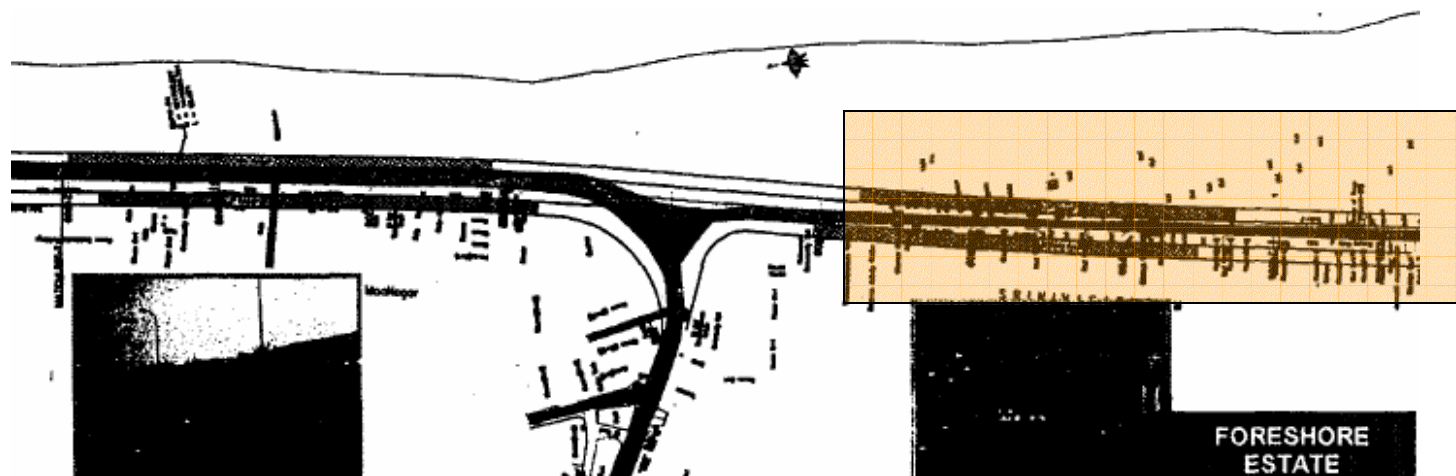


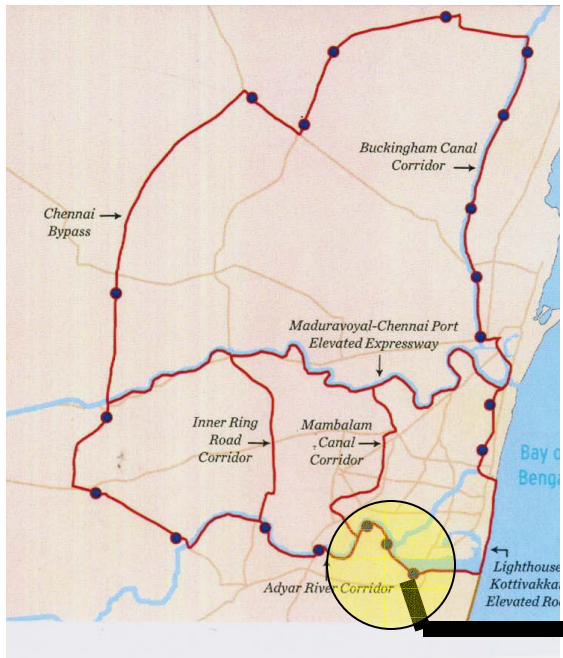
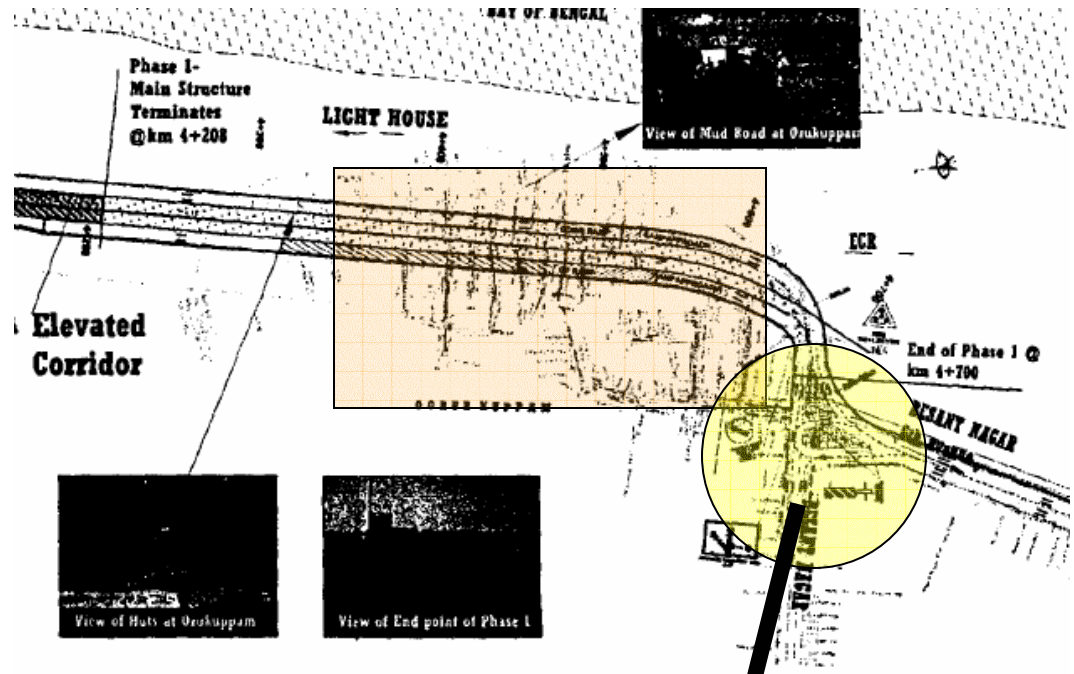
Source: Adyar Poonga Trust

# LIGHT HOUSE



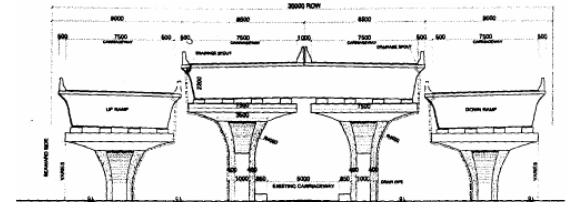
# FORESHORE ESTATE

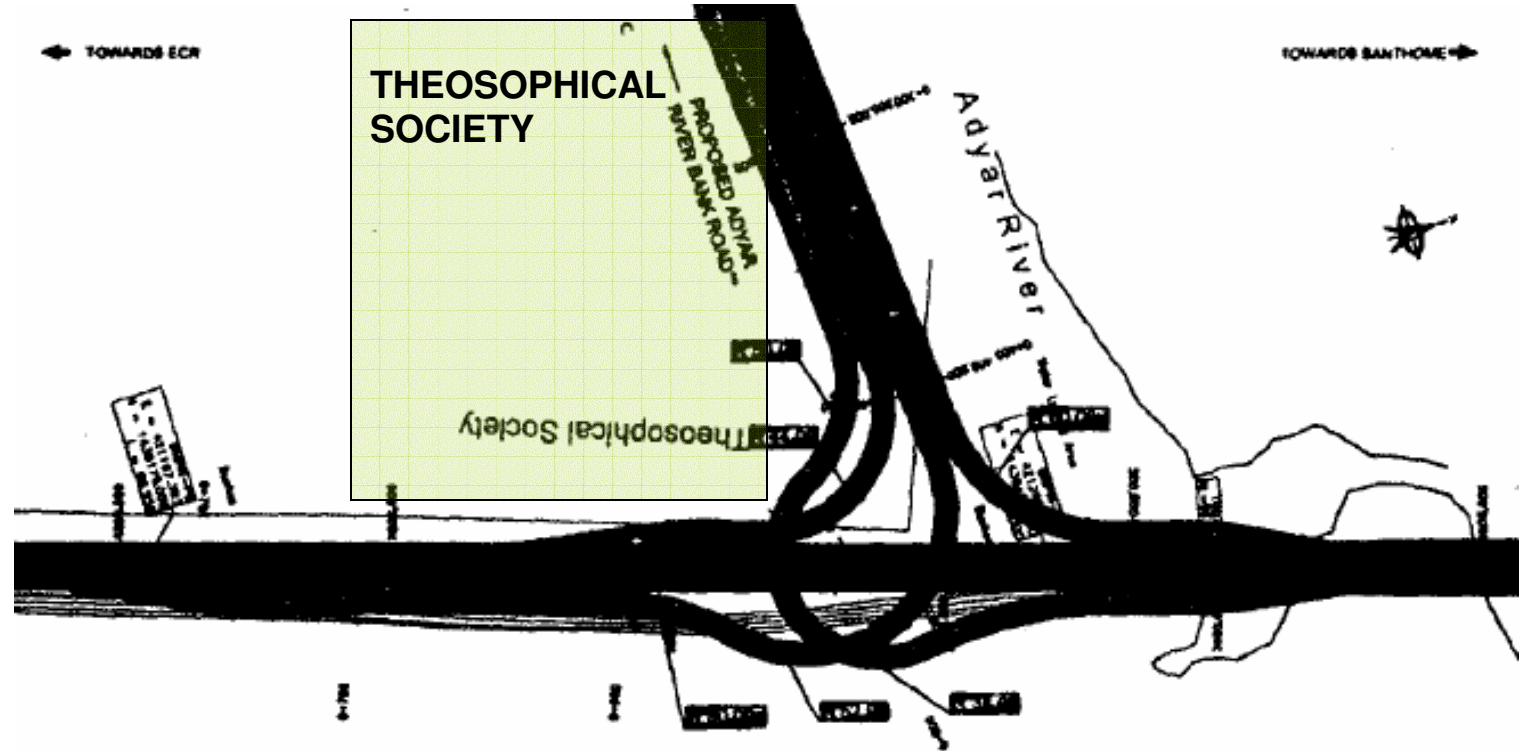




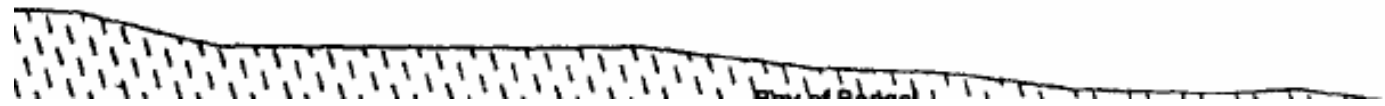
**MALAR HOSPITAL**

**BESANT NAGAR**





OPTION II - WITH LOOP ARRANGEMENTS AND RAMP STARTING FROM SIGNATURE BRIDGE



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- From Parrys / Alwarpet/ Chepauk and Anna Salai (can use ramp at Light House) bound either to Besant Nagar/ Elliots Beach or to Kottivakkam/EC road.
- The traffic from Mylapore/Santhome area bound to Elliots Beach, Besant Nagar and Kottivakkam/ EC road will benefit as they can access the bypass through the second ramp at Fore Shore Estate road.
- Traffic from Sardar Patel Road bound to Kottivakkam/ EC road is also expected to use the bypass through the ramp from Besant Avenue road.



### Estimated Movement wise Traffic

Movements	Origins	Destinations	Movements (No. of Trips)					
			Car	TW	Auto	LCV	MAV	Truck
Light House- Besant Nagar	16,17,18, 19	4,5,6	2674	6916	1423	91	4	139
Light House - Kottivakkam and beyond	16,17,18, 19	8,12,13	631	1929	161	91	3	239*
Fore Shore Estate to Besant Nagar	15	4,5,6	30	122	51	-	-	-
Fore Shore Estate to Kottivakkam & beyond	15	8,12,13	401	869	126	-	-	-
Besant Nagar – Kottivakkam and beyond	14,19,22	8,12,13	300	471	64	81	-	-

(Note: \*- trucks including coal carrying trucks from Chennai Port)

15 - Mylapore, Mandavelei , R.A.Puram, Abhiramapuram and Music Academy

4,5,6 – Besant Nagar, Kalakshetra Colony, Sastri Nagar, Eliots beach, Kovil and Church

8,12,15 – Kovalam resorts on ECR, Mamallapuram, Pondichery

**Table 3.2: Homogeneous Sections Identified**

Section No	Homogeneous Sections	Length (Km)
1	Light House – Foreshore Estate	2.1
2	Foreshore Estate- Besant Nagar	3.4
3	Besant Nagar – Kottivakkam	3.0

On an average, about 650 institutional/ company buses are plying through the Bridge every day. Since no OD survey is carried out for buses, a less percentage of these buses are assumed to use the proposed facility in the future. MTC buses are not expected as they have to ply along the existing route only. Lot of trucks are plying between Light House and Besant Nagar, carrying building materials and carrying fish from Eliots Beach. Corporation zonal office is located in Mylapore and

**Table 4.1: Modal Share of Trips in Different Cities**

Name of City	Modal Share of trips (%)		
	Pub.Transport	Walk	Cycle
Hyderabad	35	22	9
Chennai	31	22	9
Bangalore	35	26	7
Delhi	43	21	12
Kolkata	54	19	11
Mumbai	45	27	6

Source: Study on Traffic & Transportation Policies and Strategies in Urban Areas in India ( MoUD, GoI, May 2008)

Priority for bus transit by reservation of lanes along major arterial roads including bus-bays as prelude and priority at traffic signals

**Table 3.13: Section wise Traffic**

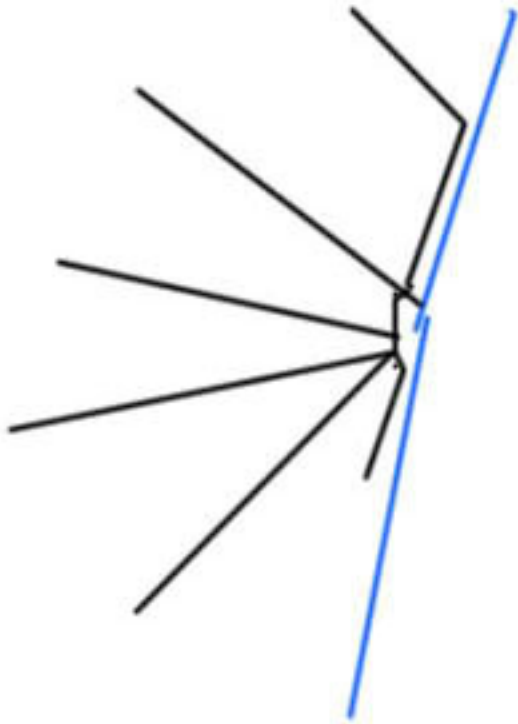
Section	Car	TW	Auto	Bus	LCV	MAV	Truck*	Total PCU
Light House- Fore Shore Estate	1685	5507	739	50	137	5	309	8266
Fore Shore Estate- Besant Nagar	3736	9836	1761	50	182	7	378	15713
Besant Nagar – Kottivakkam	1332	3269	351	50	172	3	239	5230

(Note: \*- trucks including coal carrying trucks from Chennai Port)

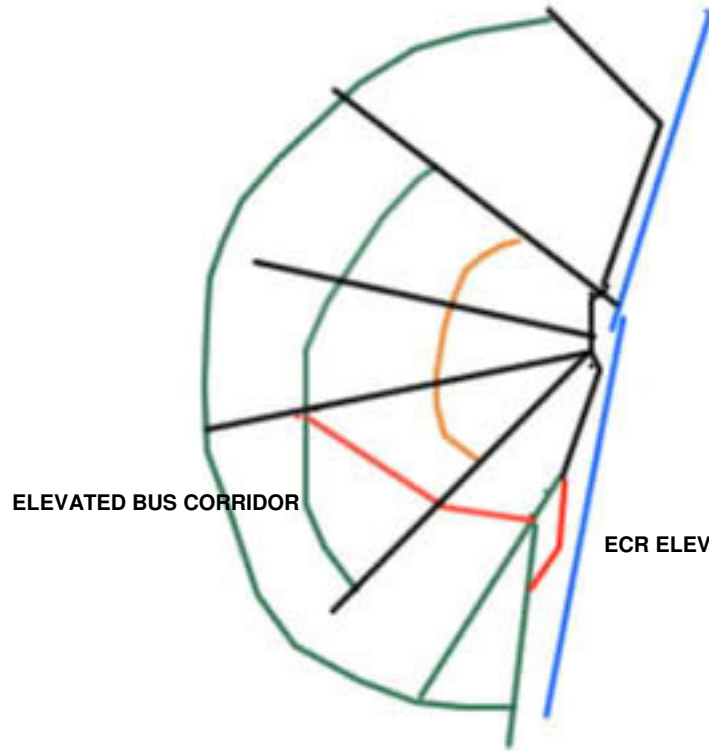
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CHENNAI AS A SPIDER-WEB



ELEVATED BUS CORRIDOR

ECR ELEVATED EXPRESS WAY

EXTENDING THE SPIDER-WEB



CMA

6.3 Drawing a cue from the document viz. Action plan for IT corridor, 2003 prepared by CMDA, GoTN have commenced implementation of a high quality 6-lane arterial road from Chennai to Mammallapuram for a length of 47 km at a cost of Rs.1217.4 m through IT Expressway Ltd. a special purpose vehicle floated through

TNR

- Plan and develop hovercraft transport along seacoast.

CMA.

- Plan and develop hovercraft transport along seacoast.

## Highlights of the Recommendations of

# THE STATE LEVEL COMMITTEE ON ROAD CONNECTIVITY & TRAFFIC IMPROVEMENTS IN CHENNAI

B	DEVELOPMENT OF ROAD NETWORK						
B1	Elevated highways						
	<i>Department of Highways</i>						
1	From Light House to Besant Nagar across Adyar Estuary (10 km length) and on to ECR (along existing road links) STAGE I-UPTO ADYAR ESTUARY-4km	300.00	15.00	150.00	135.00	JNNURM	
2	From Light House to Besant Nagar across Adyar Estuary (10 km length) and on to ECR (along existing road links) STAGE II- ADYAR ESTUARY TO ECR-6km	350.00	17.50	175.00	157.50	JNNURM	It is unlikely that expenditure for this can happen during 2008-09
3	Along Arcot Road from Vadapalani upto Porur	300.00	15.00	150.00	135.00	JNNURM	With no detailed investigation and DPR it is unlikely that expenditure for this can happen
4	Along Tiruvottriyur High Road from Tollgate to Eranavur Bridge	250.00	12.50	125.00	112.50	JNNURM	unlikely that expenditure for this can happen