

PROPOSED PROJECT No.1

CONSTRUCTION OF 45 MTR. RING ROAD No.2 FROM JAMNAGAR ROAD TO KALAVAD ROAD:

Background:

The principal D.P. of RUDA was prepared in the year 1984 and the same was sanctioned by Government in the year 1988. In the year 2000 a revised D.P. was submitted by RUDA. Sanction to this was accorded on 24.2.2004 giving implementation effect on 6.3.2004. In the Revised Development Plan a proposal for Ring Road connecting three State Highways viz. Jamnagar State Highway, Kalavad State Highway and Gondal State Highway was there. Rapid development is taking place on the Kalavad Road. Almost all educational institutions are on this road. The Saurashtra University is in the vicinity of this road. Simialrly, the Metoda Industrial Estate has entirely changed the scenario Kalavad State highway. Lots of industries have come up and many are in progress. This has resulted in heavy traffic from inside and outside the city. Further a huge amount of land has become made useful for non-agricultural purposes like residential, educational and other purposes. This ring road will greatly help outside people, particularly from Jamnagar to have easy access to Kalavad road. People can have access to this road without entering into the main city.

Action Taken:

For this purpose the RUDA passed a resolution in its Board Meeting held on 2.9.2004 vide resolution No.1300 to go ahead with this project.

Status

The present status of project is as under:

- a) Alignment of the said 9.00 Kms. length ring road is finalized and demarcation is got done through private agency.
- b) Appointment of Consultancy Services for the detailed topographical survey of the road alignment is to be finalized by inviting prequalification tender. Necessary follows up actions are being taken.
- c) The location of the proposed ring road is near village Ghanteswar Gamtal on Jamnagar State Highway that is touching Kalavad Road near Cosomplex Cinema.

d) Salient features of the Ring Road:

- It is 9 Kms. in length
- Configuration of road – Four lane divided
- Right of way – 45. 00 mtrs.

- River Bridges – 2 major and 2 minor.
- Two junctions on the existing Jamnagar Road and Kalavad Road
- As this ring road will pass through the Raiya Road one junction will be provided there also.
- 4 lane wide pipe culverts – 15 Nos.

e) Estimated Cost of Construction:

As per the preliminary estimate the cost of this project will be around Rs. 12.63 crores.

f) Phasing of the Project:

Phase 1 – 2005-06 – Bridge and earth work	Rs. 400.00 lacs
Phase 2 – 2006-07 – WBM, CD and remaining bridge work	Rs. 500.00 lacs
Phase 3 – 2007-08 - Asphalt carpet, divider and Central Sodium lighting works	<u>Rs. 363.00 lacs</u>
	<u>Rs.1263.00 lacs</u>
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ESTIMATE FOR 45 MTR. WIDE ROAD

Name of the Work: 45.00 mt. Ring Road from Jamnagar Road to Kalavad Road
(Ghanteswar to Cosmoplex Cinema on Kalavad Road.

Sr.No.	Particulars of work	Amount Rs.
01	Earth works for embankment 900 x 19.00 x 0.75 = 1,28,250 cum @ Rs. 55/cum	70,53,750.00
02	Metalling (Supply & Spreading) 9000 x 16.00 x 0.25 x 1.20 = 43,200 cum Crushed metal 40mm nominal Size @ Rs. 298/cum	1,28,73,600.00
03	Murum (Supply & Spreading) (30% of metal) 43200 x 0.30 = 12,960 cum Side berm 2 x 9000 x 1.00 x 0.25 = 4500 cum Total 17460 cum @ RS. 48.00 per cum	8,38,080.00
04	Rolling & Consolidation 2 x 9000 x 16.00 = 2,88,000 sq.mt. @ Rs. 4.30/sq.mt.	12,38,400.00
05 (a)	40 mm thick asphalt carpet 9000 x 15.00 x 0.04 x 2.20 = 11,880 MT @ 950/MT	1,12,86,000.00
05 (b)	37.50 mm thick base coat. 9000 x 15.00 x 0.035 x 2.20 = 11,138 MT @ 878/MT	97,79,164.00
05 (c)	Semi Dense Bitumen Carpet 25 mm 9000 x 15.00 x 0.025 x 2.20 = 7,425 MT @ 1175/MT	87,24,375.00
06	Major Bridge 2 Nos. 150 mt. + 50 mt Total 200 mtr. in length 200 x 15.00 = 3000 sq.mt. @ Rs. 10,000/sq.mtr.	3,00,00,000.00
07	Minor bridge 2 Nos. 30 mt. + 20 mt. Total 50 mt. 50 x 15 = 750 sq.mt. @ Rs. 8,000/sq.mtr.	60,00,000.00
08	Pipe Culverts Total 15 Mg Cost @ Rs. 1,00,000 per No.	15,00,000.00
09	Road Divider – 9,000 R.M. rate @ Rs. 450/RM	40,50,000.00
10 (a)	Central Sodium Lighting 300 pole Rate @ Rs. 20,000 per pole.	60,00,000.00
10 (b)	G.E.B. FQ	30,00,000.00
11	Electric Line shifting Provision	20,00,000.00
	Total Cost	10,43,43,369.00
	Add 10% for price escalation	1,04,34,337.00
		11,47,77,706.00
	Add: 10% for E.T.P. charges	1,14,77,770.00
	Grand Total	12,62,55,476.00

Say Rs. 12.63 crores.