

**Widened existing four lane bridge across Kankara Khadi near
Jivan Jyot Cinema to Eight Lane Bridge**



1.	Location	Udhana Darwaja to Navsari Road
2.	River/Nala/Creek	Kankara khadi
3.	Lane	Four lane
4.	Year of construction	1997
5.	Cost	Rs.202.86 Lacs
6.	Details of Bridge	
	(i) Length of Bridge	66.00 mtr.
	(ii) Width of bridge	9.50 mtr
	(iii) Number of span	Three
	(iv) Span Length	2*31.00mtr +1*4.00 mtr
	(v) Carriage Way	(2*7.5 mtr wide with 1.50 mtr wide footpath on both sides)
	(vi) Length of Returns	Left side - 26.03 mtr. Right side - 6.285 mtr.
7.	(i)Design Discharge	770 Cumecs
	(ii) Design H.F.L.	+ 9.50 mtr.
	(iii) Type of bridge	Submersible bridge.
	(iv) F.R.L.	R.L.(-) 9.82 mtr. Abutments
8.	Structural Details :	
	(i) Foundation.	Bored cast in situ concrete in M-25 piles 1200 mm dia. Below piers and abutments.
	(ii) Substructure	R.C.C.trestle columns for substructure
	(iii) Superstructure	Pre-stressed box for deck designed for submergence.
	(iv) General Items	R.C.C.parapet.
9.	Name of Contractor	Downstream -M/s Trishul Construction Co., Patan
		Upstream - M/s.Avdhoot Construction Co., Mehsana.
10.	Name of Consultant	Multi Media Consulting Engineers, Ahmedabad