

## Widening of underpass at Railway Culvert No. 451 (Ashvinikumar)



|     |   |  |
|-----|---|--|
| 1.  | <b>Location</b>                                     | From Fulpada to Ashvinikumar road  |
| 2.  | <b>River/Nala/Creek</b>                             | ----   |
| 3.  | <b>Width</b>  | 7.50 mtrs Both side  |
| 4.  | <b>Year of construction</b>                         | Jan. - 2001  |
| 5.  | <b>Cost</b>   | Rs. 84.74 lacs   |
| 6.  | <b>Details of Bridge</b>                            |  |
|     | <b>(i) Length of Bridge between ends of decking</b> | 2 x 23 = 46 mtrs.  |
|     | <b>(ii) width</b>                                   | 7.50 mtr.  |
|     | <b>(iii) Vertical Clearance</b>                     | 4.25 mtr.  |
|     | <b>(iv) Carriage Way</b>                            | 6.30 mtr., + 1.20 mtr. footpath  |
|     | <b>(v) Length of RCC Returns</b>                    | 7.50 mtr. on each side   |
| 7.  | <b>(i) Design Discharge</b>                         | Not applicable   |
|     | <b>(ii) Design H.F.L.</b>                           | Not applicable   |
|     | <b>(iii) Type of bridge</b>                         | Railway under bridge   |
|     | <b>(iv) F.R.L.</b>                                  | ---  |
| 8.  | <b>Structural Details :</b>                         |  |
|     | <b>(i) Foundation.</b>                              | R.C.C Box type structure   |
|     | <b>(ii) Substructure</b>                            | R.C.C Box Slab   |
|     | <b>(iii) Superstructure</b>                         | R.C.C. Box   |
|     | <b>(iv) General Items</b>                           | The R.C.C. box has been pushed under Railway track using RCC Box pushing method. |
| 9.  | <b>Name of Contractor</b>                           | Ravi Builders, Ahmedabad.  |
| 10. | <b>Name of Design Consultant</b>                    | Multi Media Consulting Engineers, Ahmedabad.                                     |