

Cost estimation for widening of the existing 4-lane divided carriageway to 6-lane divided carriageway for 15 Km Length of Gurgaon Jaipur section of NH-8

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Introduction : The cost estimation have been prepared for the project corridor, for widening of the existing 4-lane divided carriageway to 6-lane divided carriageway for 15 Km Length of Gurgaon Jaipur section of NH-8 in the state

of Haryana including dismantling, site clearance, strengthening the existing pavement of main carriageway and service roads, new construction for widening of pavement, construction/ widening of cross drainage structures, Provision of new underpasses, retaining structures, covered RCC longitudinal drains, utility chambers, road furniture, street lighting, bus bays etc. The cost for land acquisition, rehabilitation and environmental costs and Independent Consultant's fees have also been considered.



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Existing Cross Section

- The entire project highway between NH 8 is four lane divided carriageway . Service roads on either side of highway exist only in urban areas. Based on an existing cross section elements and composition of pavement, the details of entire length are described in the following paragraphs:
- Widening of this section from existing 2 lane single carriageways to 4 lane divided carriageway was completed in the year 2005. The existing cross section in this stretch comprises of
- The width of the central median is highly varied and ranges between 4.5m to 2.0m.
- The carriageway width in 4 lane sections is 7.0m with shyness of 250 mm.Paved shoulder of 1.5m and earthen shoulder of 2.0m are provided on both sides. Wherever service roads

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