

Analysis of Alternatives

For the emergency landing facility on national highways, require state portion of highway and alternative route used in the duration of emergency along the proposed site of landing facility. This type of site is found on NH-68 near km 109.740 to km 113.445 at Aaggoriya and Membala villages in Barmer district. Selection of this site was done by joint inspection of officials of Indian Air Force and NHAI. Before the finalization of final route two alternatives have been studied on selected stretch. First alternative (eccentric widening) has been studied in which number of impacted road side trees are less than second alternative (concentric widening). Comparison of alternatives is given below:-

S.No.	Particulars	Option-1 (Eccentric Widening)	Option-2 (Concentric Widening)
1	No. of Affected Trees	1200	1700
2	Affected Forest area along the existing NH	6.4124	8.9840
3	Public utility- Underground water supply pipeline (1.5m Dia)	Not Affected	Affected

On the basis of number of impacted trees and area of land under forest option –I has been selected.

Place: Barmer

Date: 11.4.2018



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Option -1 (Eccentric Widening)



Option -2 (Centric Widening)


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