

Alternative Route Alignment Analysis Sheet for

Full title of the Project: “Construction of Bypass Road from NH-8 to Kothariya & Nathuwas link road, Tehsil-Nathdwara,
District -Rajsamand (Rajasthan)”

Proposal No : FP/RJ/ROAD/154137/2022

Date of Proposal : 06-04-2022

Diversion Area : 1.2978 Ha.

S.No	Alternative Details	Segment	Length (M)	Width (M)	Area (Sqm)	Area (Ha)	Reason for Selection / Rejection
1.	Alternative Route -1 (Selected Alignment Marked in (Blue Color))	3	721	18	12978	1.2978	In Alternative Alignment-1 forest land Proposed for Diversion is less than the Alternative Route-2 and Alternative Route-3 hence we have selected the Route-1
2.	Alternative Route -2 (Selected Alignment Marked in (Megenta Color))	3	1914	18	34452	3.4452	In Alternative Route-2 forest land Proposed for Diversion is More than the Alternative Route-1 Hence we have rejected the Route-2
3.	Alternative Route -3 (Selected Alignment Marked in (Orange Color))	3	2016	18	36288	3.6288	In Alternative Route-3 forest land Proposed for Diversion is More than the Alternative Route-1 Hence we have rejected the Route-3

- Alternative route are situated in this proposal.
- **Alternative route-1** In the proposal for diversion of forest land in construction of new road for provide better connectivity from Khothariya and Mavli road to Nathdwara Iconic gate avoided the . Due to accidental zone created at Mavli and Kothariya road to NH junction point. resulting to this accidents are happening. to remove this problem new bypass links has proposed as per technical requirement(IRC, MoRTH). Diverted area is **1.2978** Hect. This is selective route.
- **Alternative route-2** This route is alignment traffic have to run on deficient curve those are horizontal and vertical deficient and reductions of speed and accident will happen. also diverted area **1.2978** ha. is more than **Alternative route-1**.

Alternative route-3 This route is fresh route which affect more vegetation and trees and construction cost and area **3.7116** ha also higher than **Alternative route-1 & 2**.

Note : No other Alternative is feasible except above mentioned 2 alignment due Protected forest Crossing.

Analysis of above three route has been done route-1 has been selected because it is minimum forest land and low project cost.

Place : Nathdwara

Date :-13-05-2023


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