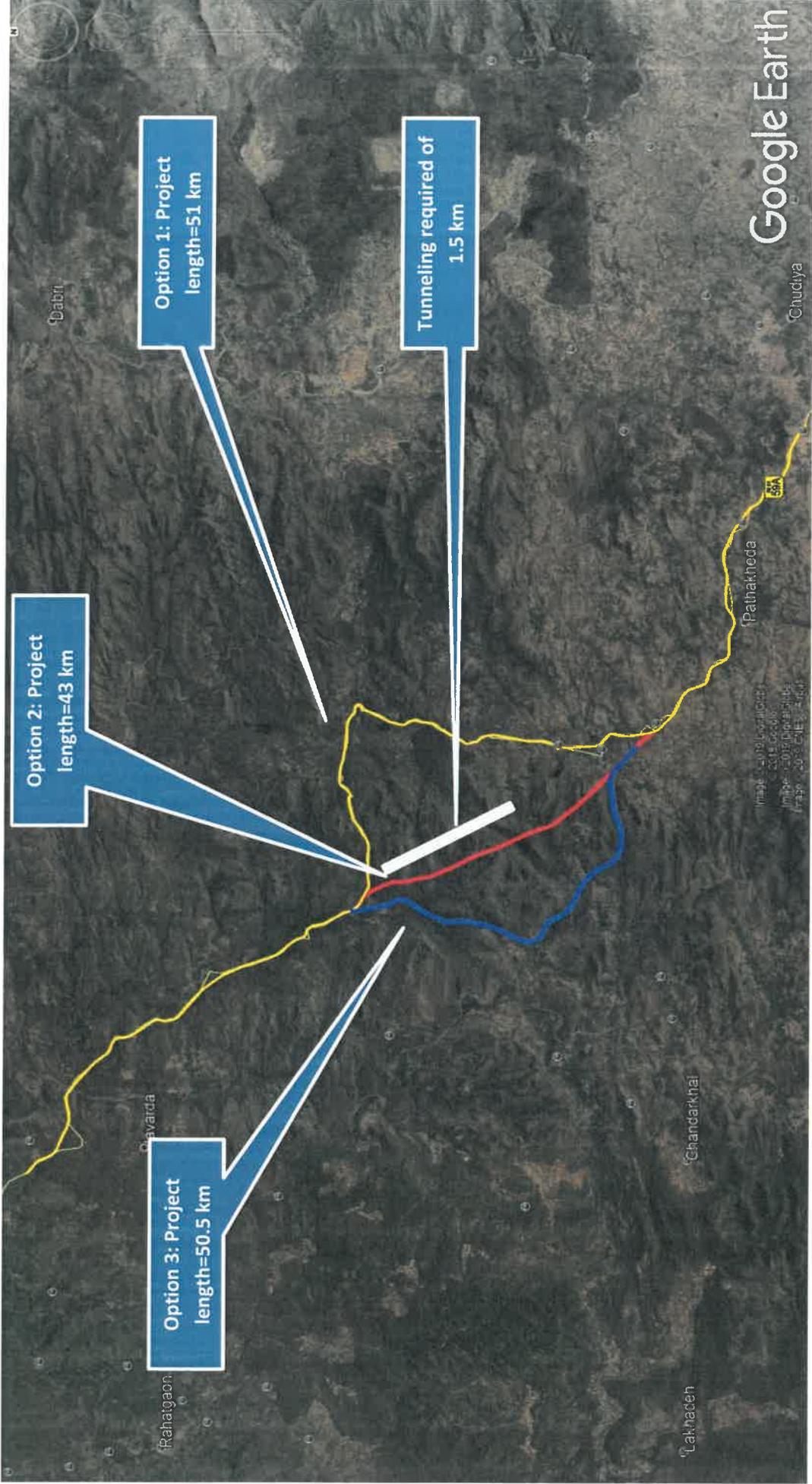


ANALYSIS OF ALTERNATIVES



[Signature]
Project Director
NHAI, PIU- Chhindwara (M.P.)

S. No.	Description	Bypass - Option I (Yellow Colour)	Bypass-Option II (Red Colour)	Bypass - Option III (Blue Colour)
1	Length (Km)	51	43.2km	50.5km
2	Geometrics	Good. Design speed 60-80Kmph	Good. Design speed 60-80Kmph	Good. Design speed 60-80Kmph
3	Land Acquisition (Hectare)	91.8	129.6	150
4	Bridges/ structures	1 Major Bridge	2 tunnels of length 1.5km long 1 Major Bridge	1 Major Bridge
5	Junctions	1	1	1
6	Environmental Constraints	less area of forest will be effected since only 18m PROW taken	High area of forest land taken when compared to the Option 1 All the Biodiversity of the area will be effected	High area of forest land taken when compared to all the other options
7	Structures Impacted	Nil	Nil	Nil
8	Use of Existing Road in comparison	Nil	Nil	Nil
9	Project Civil Construction Cost (Rs. in Crores)	663 cr	1425 cr (due to high cost for tunneling)	799 cr
10	Recommendation	Yes, recommended	Not recommended	Not recommended



Project Director
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