

Name of Project:- Construction of Birtola to Belkot M/R Under P.M.G.S.Y.

Comparative Statement of Alignment

Sl. No.	Particular	Alignment 1	Alignment 2
1	Length	9.000 Km	10.000 Km
2	Gradient	1:20 fall, 120 rise, level, 1:40 rise, 1:24 rise (Proper grade is available)	Not in Proper Grade
3	Elevation	Minimum and Maximum height 1400 m and 900 m	Minimum and Maximum height 1400 m and 900 m
4	Hill slope	Slope varies from 25° - 80° in relatively short distance	Slope varies from 25° - 80°
5	Benefitted habitation	Ukheda, Bhandrivala, Belkot, Pipaltar, Mushlighad	Ukheda, Bhandrivala, Belkot, Pipaltar, Mushlighad
6	Geological Condition	Hard rock is less, length of reaches with VHR/VHS is Nil	Characterised by different qualities of soil conditions.
7	Minor Bridge/Culvert	49 No of Culverts, 10 Causeway	53 No of Culverts, 11 Causeway, 01 R.C.C Bridges
8	Major Bridge	-	-
9	Curves & Hair pin bend	6	8
10	Felling of trees	Cheed, Ordinary bushes and Some trees	Cheed, Devdar, Uttis and Ordinary bushes and more number of trees
11	Villagers acceptance	All are in Favour	Not in Favour of villagers and elected public representatives
12	Utility conditions	Economical and less peoples are affected (cost of construction is 657.17 lacs)	More number of peoples and biodiversities are affected (cost of construction is 682.23 lacs)

Therefore Alignment 1st is Justified

JE



ATAE.S.
P.I.U.- P.M.G.S.Y.
Didihat


E.E.R.E.S.
P.I.U.- P.M.G.S.Y.
Didihat (Pithoragarh)