

मानवों ग्रामीण सड़क योजना के अन्तर्गत गौचर-सिदोली मोटर मार्ग से ग्राम पनाई अनुसूचित जाति  
बस्ती मोटर मार्ग का नवनिर्माण

Performa for comparison between identified alignments

| SI No | Variables  | Alignment No-1  | Alignment No-2   |
|-------|--|---|--|
| 1     | Topography   | Hilly Terrain   | Hilly Terrain -  |
| 2     | Length of road   | 0.850 K.M.  | 1.50 K.M.  |
| 3     | Bridging requirement No  | 0   | 0  |
| 4     | Geometric  |   |  |
|       | (w) Gradients  | 1:20,1:22,1:40,<br>Raise/Fall/Level   | 1:18, 1:20,1:40<br>Raise/Fall/Level  |
|       | (x) Curves H.p Bends   | 1   | 2  |
| 5     | Existing Means of Communication on account.mule path.jeep. Tracks etc.   | Track   | Track  |
| 6     | Right of way, bringing out, construction on account of built up areas. Monuments and other structures.   | R.O.W. 7.00 m<br>Monuments-Nil  | R.O.W. 7.00 m<br>Monuments-Nil   |
| 7     | Terrain & Soil Condition.  | (a) No cliffs, 0 number Gorges, (b) drainage Characteristics good susceptibility to flood- Nil (c) Maximum height 1780.00 m Minimum Hight 1600.00m, Ascend/descend-02 nos. (d) variations- 3 nos. | (a) No cliffs. 01 number Gorges, 01 sliding zone (b) drainage Characteristics is not good susceptibility to flood- Nil (c) Maximum height 1780.00 m Minimum Hight1600 m. Ascend/descend-04 nos. (d) variation-4 nos. |
| 8     | Climate Condition:<br>(1) Temperature Monthly max. & min, reading.<br>(2) rainfall data average annual peak intensities monthly distribution (to the extent available).<br>(3) Snowfall data average annual peak intensities monthly distribution (to the extent available)<br>(4) Wind direction and velocities.<br>(5) Fog Condition.<br>(6) Exposure to sun.<br>(7) Unusual weather condition like cloud brust etc, | (1) Maxi+32 <sup>0</sup> c,Mini 8 <sup>0</sup> c<br>(2) 700 mm (02 month)<br>400 mm (10 month)<br>(3) Snowfall-yes<br>(4) East to west<br>(5) Fog condition- nil<br>(6) Sunny area<br>(7) Nil     | (1) Maxi+32 <sup>0</sup> c,Mini 8 <sup>0</sup> c<br>(2) 700 mm (02 month)<br>400 mm (10 month)<br>(3) Snowfall-yes<br>(4) East to west<br>(5) Fog condition- nil<br>(6) Sunny area<br>(7) Nil                        |
| 9     | Facilities resource<br>(1)Landing ground.<br>(2)Dropping Zone.<br>(3)Food stuffs.<br>(4)Labour local availability and need for import.<br>(5) Construction material Timber. Bamboo, sand. stone. shingle etc. extent of their  | (1)Nil<br>(2) Nil<br>(3) available<br>(4) available<br>(5)Stone available sand will be carried from kaleshwar   | (1)Nil<br>(2) Nil<br>(3) available<br>(4) available<br>(5)Stone available sand will be carried from kaleshwar  |

|     |   |                        |                       |
|-----|---|------------------------|-----------------------|
| 10  | Value of land , agricultural land, irrigated land, bult up land, forest land etc.                                   | Rs 387.00 lac/hectare. | Rs 387.00 lac/hectare |
| 11  | Appoximate const. cost. (Including dumping yard)  | Rs 60.00 lac           | Rs 120.00 lac         |
| 12  | Access point indicating possibility of induction fo equipment.  | NIL                    | NIL                   |
| 13  | Period required for construction.   | 1.500 years            | 1.500 years           |
| 14* | Strategic Consideration.  | Nil                    | Nil                   |
| 15  | Important Villages, towns and markets centres to be connected.  | Panai Malli            | Panai Malli           |
| 16  | Recreational potential.   | Nil                    | Nil                   |
| 17  | Economic Factors:<br>(1) Population served by the alignment.<br>(2)Agricultures and economic potential of the area. | Fruits & Vegetables    | Fruits & Vegetables   |
| 18  | Other major development projects being taken up electric projects etc.  | Nil                    | Nil                   |
| 19  | (1) Mics, such as camping sites<br>(2) Law and other Problem<br>(3) Royalty   | Nil<br>Nil<br>Nil      | Nil<br>Nil<br>Nil     |
|     | (4) Availability of contractors for collection and carriage of construction material                                | Good                   | Good                  |
|     | (5) working period available for construction of work.  | 09 months in a year    | 09 months in a year   |
| 20  | Total No. of trees to be removed  | 57                     | 80                    |
| 21  | Average Density of forest cover.  | nos per hect.          | nos per hect.         |
| 22  | Total No. of Merits   | 4 nos.                 | Nil                   |
| 23  | Total No. of Demerits   | Nil                    | 2 nos.                |

#### RECOMMENDATIONS:

Alignment no. (01) Recommended for approval being more economical, useful & technically feasible.

*Nely*  
Junior . Engineer  
Const. DIV. PWD  
Gauchar

*AIB*  
Assistant Engineer  
Const. DIV. PWD  
Gauchar

*MS*  
अधिकारी अधिकारी  
निर्माण खण्ड सोलापुर  
Const. DIV. PWD  
Gauchar