

TECHNICAL REPORT

- 1 Name of Work : Development of Roads of Mehandipur Balaji (District Dausa & Karauli)
- 2 Ref of admn. & fin. sanction : No.F-7(3)/Sec-II/2017-18/D-240 dated 23/08/17
- 3 Amount of Sanction : Rs 1884.00 Lakh
- 4 Location : At Mehandipur Balaji (Dausa)
- 5 Necessity : Mehandipur Balaji is a famous religious place in eastern Rajasthan. Millions of people came to pay their homage at Balaji. Width of existing road from NH-11 to Mehandipur Balaji is insufficient and traffic jams is daily phenomena at this area. To provide facility for traffic, widening of road is proposed up to maximum width.

To connect Udepura side locality to Toda Bheem side habitation area, there is only one road which passes through Balaji Temple front area. During day hours, entry of traffic remain closed near Balaji temple. At the time of "ARTI" at even pedestrians could not pass through road.

To provide connectivity from Udepura side locality to Toda Bheem side area, construction of Bye Pass road is the only option, Therefore construction of Bye-pass road is proposed.
- 6 Land : For approach road from NH-11 to Mehandipur Balaji, development works proposed in available ROW. Encroachments shall be removed by competent authority.

For Udepura road to Toda Bheem By-Pass, alignment passes through Forest land in 1.00 Km length. Proposal have been submitted to Collector Dausa & Karauli for issuing necessary clearance for Forest land.
- 5 Proposal : **(A) Development of NH-11 to Mehandipur Balaji Road:**
 - (i) Km 00 to 1/0- Widening of Road from existing 5.50 Mtr to 7.00 Mtr with Hard Shouldes.
 - (ii) Widening of narrow Slab Culvert 4x4.00 Mtr span at Km 0/125 from 7.50 Mtr to 24.00 Mtr.
 - (iii) Development of 4-lane BT Road with divider from Km1/075 to 2/100 with side drains.
 - (iv) Widening of existing 2-lane CC road to 4-lane 2150 to 2/780 (Side drains in this stretch being constructed by Water Resources department.).
 - (v) CC pavement wall to wall from Km2/780 to 2/980 (in front of Balaji Temple. Drain has been constructed by Water Resources
 - (vi) Widening & strengthening of existing 2-lane CC road to 4-lane 2/980 to 3/600 (Side drains from Km 2/980 to 3/150 being constructed by Water Resources department. From 3/150 to 3/580, side drains already constructed. From Km 3/580 to 3/700, new CC drains proposed,).
 - (vii) Improvement of Patoli,By pass Junction**(B) Construction of By Pass from Udepura Road to Toda Bheem Road**
 - (i) Km 00 to 0/220- Construction of CC Road in 7.00 Mtr width with "L" shape side drains in existing habitant area.
 - (ii) Km 0/220 to 0/937- Construction of BT road in 7.50 Mtr width in Forest area with catch water CC drain on hill side & protection wall on other side.
 - (iii) Km 0/937 to 1/294 - Construction of BT road in 7.00 Mtr width with "L" shape side drain

(iv) Km 1/294 to 1/550- Construction of CC Road in 7.00 Mtr width with "L" shape side drains in habitant area.

6 Specifications

: Following Specifications have been adopted:

: (i) BT Road :-

: (a) GSB 250 mm thick

: (b) WMM in 250 mm thick

: (c) DBM in 60/70 grade bitumen 100 mm thick

: (d) BC 40 mm thick

: (ii) CC Pavement

: (a) GSB 250 mm thick

(b) DLC 150 mm thick

: (c) PQC 250 mm thick M-40

: (d) CC side drains as per requirements with nominal reinforcement.

7 Agency for execution

: Work shall be executed through contractor after calling competitive tenders with wide publicity.

8 BSR

: PWD Circle Dausa Building BSR-2016, PWD NH Circle Jaipur Road BSR-2016

9 Estimated cost

: Rs 1884.00 Lakh


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