

# TECHNICAL REPORT

- 1 Name of Work : RECONSTRUCTION WORK OF VIRATNAGAR (NH-248A) TO CHILPALI MOD (NH-148) VIA TEORI, SEWRA PALRI, PALRI TIRAHA, GHEOTA, SAWAMI KI DHANI, BADSHAHPUR, GUDHA BAIJANATHPURA, TODALARI (JOB NO. 6/5054/SRF-MDR/2020-21)
- 2 District : Jaipur
- 3 Location : Starting Point Viratnagar and End Point Chilpali Mod
- 4 Important towns /villages covered :
- | Name of Town / Village | Population   |
|------------------------|--------------|
| 1 Viratnagar           | 17237        |
| 2 Teori                | 3702         |
| 3 Sewara               | 1367         |
| 4 Palri                | 1902         |
| 5 Gheota               | 811          |
| 6 Badshahpur           | 354          |
| 7 Gudha Baijnathpura   | 385          |
| <b>Total</b>           | <b>25758</b> |
- 5 Proposed Length of road : **28.40 Km.**
- 6 A & F Sanction : **CE & AS Letter No. FF-7(65)A&F/SEC-II/2020-21 D-51 Dated 08.10.2020 Rs. 30.00 Cr.**
- 7 Job No. : **6/5054/SRF-MDR/GN./2020-21  
6/5054/SRF-MDR/SC/2020-21  
6/5054/SRF-MDR/ST/2020-21**
- 8 Assembly Constituencies : Viratnagar, Jamwa Ramgarh
- 8 Existing width (Mtr.) : 3.00mtr., 3.75mtr. & 5.50mtr.
- 9 Traffic Details :
- |  |       |
|--|-------|
| PCU (as per Traffic Census in Oct., 2019)  | 7214  |
| CVPD (as per Traffic Census in Oct., 2019) | 308   |
| Growth Rate                                | 5.00% |
- 10 Necessity of work : The offtake point of this road is NH-248A (Viratnagar). This is a important road which connect the 7 Nos. of village which are directly served and 10 Nos. of other link routes are also connected with this route. The Chainage 11/800 & 15/400 to 29/900 is laying in mining zone area due to which the heavy overload traffic over plying on this road, due to which the road widening and Strengthening required. Hence, it is necessary to rebuilt upto two lane with hard shoulder as required on the basis of the present traffic data
- 11 Proposals : Two lane with hard shoulders
- 16 Specification :
- (A) For Road Work**
- (i) Sub base : GSB 150mm
  - (ii) Base WMM 250mm
  - (iii) Surface DBM Grading-II 60mm & BC 30mm
- (B) C.C. Pavement**
- (i) Sub Base GSB 150mm
  - (ii) DLC 100mm
  - (iii) Surface CC M-30 250mm

**(C) For Road Furnishing**

- (i) Retro-Reflectorised cautionary, mandatory and informatory sign as per IRC:67
- (ii) Erecting typical Citizen's information Board as per approved drawing & specification
- (iii) Marking Centre Line and stop lines etc. on road as per IRC pattern with thermoplastic paint

**(D) For Protection Work**

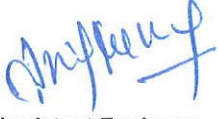
- (i) 150mm P.C.C grade M 10 Nominal mix 1:3:6
- (ii) Random Rubble Masonry In cement mortar 1:4
- (iii) PCC M-20 architectural coping
- (iv) Pointing on wall taken

17 BSR

: Rates are based on PWD Rural Circle Jaipur effective from June, 2019 Road BSR and NH BSR effective from April, 2019 with all subsequent corrigendum.

21 Estimated Cost

: Rs. 3000.00 Lacs



Assistant Engineer  
PWD SUB DN. VIRATNAGAR-I



Executive Engineer  
PwD Dn. Kotputli



अधीक्षण अभियन्ता  
सा. नि. वि., कुत-ग्रासीण,  
जयपुर