

# राष्ट्रीय राजमार्ग एवं अवसंरचना विकास निगम लिमिटेड

सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार  
तीसरी मंजिल, पीटीआई बिल्डिंग, 4-संसद मार्ग, नई दिल्ली-110001

## National Highways & Infrastructure Development Corporation Limited

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BUILDING INFRASTRUCTURE - BUILDING THE NATION

CIN: U45400DL2014GOI269062

सार्वजनिक क्षेत्र का उपक्रम

### ADDENDUM NO.2

A PUBLIC SECTOR UNDERTAKING

**Project Title:** Construction of Upgradation of existing road to 2-lane with Paved shoulder from Kafer at km. 40.000 to Lava More at km. 61.100 of NH-717A on EPC Basis under SARDP-NE Phase 'A' in the State of West Bengal

1. **Reference:** NIT & RFP Document uploaded on CPP Portal on 20.12.2019.

S.No.	Description	Existing Provision	Modified Provision
1.	Clause-2 Schedule-D	<p>2. Design Standards The Project Highway including Project Facilities shall conform to design requirements set out in the following documents:</p> <p>Manual of Specifications and Standards for Two Lanning of Highways (IRC: SP: 73- 2015), referred to herein as the Manual.</p> <p>IRC-37-2018: Guidelines for the design of flexible pavements Code for Practice of Road Signs IRC 67:2001.</p> <p>The Hill Road Manual IRC SP 48 - 1998 should be referred.</p> <p>The NGT Order dated 01.11.2018 should be followed for disposal of muck.</p>	<p>2. Design Standards The Project Highway including Project Facilities shall conform to design requirements set out in the following documents:</p> <p>Manual of Specifications and Standards for Two Lanning of Highways (IRC: SP: 73- 2015), referred to herein as the Manual.</p> <p>IRC-37-2018: Guidelines for the design of flexible pavements Code for Practice of Road Signs IRC 67:2001.</p> <p>The Hill Road Manual IRC SP 48 -1998 should be referred.</p> <p>The NGT Order dated 01.11.2018 should be followed for disposal of muck.</p> <p><i>Note :-</i> The design of the road to be carried out as per IRC SP 48-1998 for minimum gradient, radius and speed for steep terrain. There are deviations acceptable for the gradient at hairpin bend due to steep gradient of existing roads but it should not be designed for more than 5%. Transition curve to be provided at the hairpin bend and at all the curves. Minimum permitted transition length is <math>L_s = V^2 / R = 19m</math> i.e. for <math>V=20</math> kmph and <math>R= 21m</math>".</p>

(Y.C. Srivastava)  
General Manager (Tech.)