

Full Title of the proposal:- Rehabilitation and Upgrading of Existing Road to 4 Lane from Shalaghat to Nauni Chowk (Shalaghat to Reota Village-Pkg IIA, Reota Village to Daseharan Village-Pkg IIB & Daseharan Village to Nauni Chowk-Pkg IIC) of NH 205 [Design Chainage – Km 28+800 to Km 58+450, Design Length – 29.65 Km] in the State of Himachal Pradesh

Proposal No.:- FP/HP/ROAD/156128/2022

Date of Proposal:- 01 June 2022

JUSTIFICATION FOR THE PROPOSED WIDTH OF RoW IN FOREST AREA

As per Manual of Specifications and Standards for Four Laning of Highways (IRC:SP:84-2019) "A minimum Right of Way (ROW) of 60 m should be available for development of 4-lane highway. The Authority would acquire the additional land required, if any". Additional to above Guidelines for the Alignment survey and Geometric design of Hill Roads (IRC:52-2019), the minimum ROW to be acquired for two lane National Highway is 24m. Hence for four lanes minimum requirement of ROW is 48m without median, without paved shoulder, without kerb shyness which are required for four lanes configuration according to safety point of view and therefore 60m Right of Way is justifiable.

Further as per Hill road manual, additional land is required for minimum setback distance for safe traffic movement and additional land to be acquired for deep cuts and high fills for protection of unstable / landslide areas for overall stability. In the said project the overall ROW is acquired **45m** and additional land is acquired for deep cuts and slope protection, which is already abridged.

Date : 05.09.2024

Place : Hamirpur


Project Director
NHAI PIU HAMIRPUR

Project Director
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