

ID :432 Nihal Setu _ _ _ _ _

on Chainage 36.000 of Ramnagar Kaladhungi Haldwani Kathgodam Chorgaliya Sitarganj Bizti state highway : .

In District Nanital Under CD Haldwani Division

Bridge Inventory Report

Division: CD Haldwani

Data not-yet finalized

General

Name of Division : 22

Revenue Block Name : 82

Chainage (at Mid Point) : 36.000

Road/ Segment Name : 83

Bridge Type : Motor Bridge High Level

Structure No : 18/1

Feature Intersected : nihal river

Name of Bridge : Nihal Setu

Nearest Town : Chakalua

Latitude (Northing) : 29.24620500

Longitude (Easting) : 79.35978700

Construction Year : 1966

Inventory Year : 2021

Geometric

Overall length (in meter) : 18.00

Total No of Span : 1

Maximum Span (in meter) : 18.00

Span Arrangement : 1x18m

No of Lane : 1.000

Overall Width (m) : 6.000

Carriageway Width (m) : 5.350

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 6.000

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level :

OFL Ordinary Flood Level :

LWL Low Water Level :

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre :

Road Level at Centre :

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Moderate

Seismic Importance factor : 1.0

Design Loading : Class A

Load Rating : Class A

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : Elastomeric

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : Well

No of Piers : 0

Abutment Type : Stone Masonry

Pier Type : RCC Solid

Protection Work

Bank Protection Left Side of Up-stream : no protection work provided

Bank Protection Right Side of Up-stream : no protection work provided

Bank Protection Left Side of Down-stream : no protection work provided

Bank Protection Right Side of Down-stream : no protection work provided

Floor Protection on Up-stream : no protection work provided

Floor Protection on Down-stream : no protection work provided

Treatment for Corrosion Protection (if any) : no special treatment provided

final

Name of JE/AEE : Er. Mohan Singh Khampa

