

ID :3260 Hadawaha Nala _____

on Chainage 14.700 of Roorkee Landhora Laksar Balawali state highway

In District Haridwar Under CD Laksar Division

Bridge Inventory Report

Division: CD Laksar

Data not-yet finalized

General

Name of Division : 129

Revenue Block Name : 94

Chainage (at Mid Point) : 14.700

Road/ Segment Name : 8284

Bridge Type : Motor Bridge High Level

Structure No : 0

Feature Intersected : Hadawaha Nala

Name of Bridge : Hadawaha Nala

Nearest Town : Laksar

Latitude (Northing) : 29.77158600

Longitude (Easting) : 78.00744900

Construction Year : 1980

Inventory Year : 2023

Geometric

Overall length (in meter) : 29.02

Total No of Span : 1

Maximum Span (in meter) : 29.02

Span Arrangement : 1x29.02

No of Lane : 2.000

Overall Width (m) : 8.500

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 8.000

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 : Steel rolled section

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Sandy

Abutment Foundation Type : Well

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : RCC Box type

Pier Type : NA

Protection Work

Bank Protection Left Side of Up-stream : Protection work done in Plum Concert but fully Damaged Presently

Bank Protection Right Side of Up-stream : Protection work done in Plum Concert but fully Damaged Presently

Bank Protection Left Side of Down-stream : Protection work done in Plum Concert but fully Damaged Presently

Bank Protection Right Side of Down-stream : Protection work done in Plum Concert but fully Damaged Presently

Floor Protection on Up-stream : Protection work done in Plum Concert but fully Damaged Presently

Floor Protection on Down-stream : Protection work done in Plum Concert but fully Damaged Presently

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

final

Name of JE/AAE : Er Balendra Singh AAE

