

ID :2202 Hadvaha Nala Bridge _ _ _ _ _

on Chainage 28.600 of Purkazi Laksar Haridwar national highway

In District Haridwar Under NH Dehradun Division

Bridge Inventory Report

Division: NH Dehradun

Data not-yet finalized

General

Name of Division : 60

Revenue Block Name : 94

Chainage (at Mid Point) : 28.600

Road/ Segment Name : 15

Bridge Type : Motor Bridge High Level

Structure No : 3/4

Feature Intersected : Hadvaha Nala

Name of Bridge : Hadvaha Nala Bridge

Nearest Town : Laksar

Latitude (Northing) : 29.73525000

Longitude (Easting) : 78.01142778

Construction Year : 1983

Inventory Year : 2022

Geometric

Overall length (in meter) : 36.00

Total No of Span : 4

Maximum Span (in meter) : 9.00

Span Arrangement : 4x9

No of Lane : 2.000

Overall Width (m) : 8.000

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 14.000

Gradient (%age) : 3

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 250.000

OFL Ordinary Flood Level : 150.000

LWL Low Water Level : 100.000

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 : POT PIN

Sub-Structure

Founding Strata : Soft clayey

Abutment Foundation Type : Open

Pier Foundation Type : Well

No of Piers : 3

Abutment Type : RCC counterfort type

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/AAE : Mahabir Lal AAE

