ID :3862  Hadvha Nala  __ __ __ __ __

on Chainage 29.000 of Purkazi Laksar Haridwar national highway

In District Haridwar Under NH Div Dehradun Division

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Bridge Inventory Report

Division: NH Div Dehradun

Data not-yet finalized

General
Name of Division : 60
Revenue Block Name : 95
Chainage (at Mid Point) : 29.000
Road/ Segment Name : 15
Bridge Type : Motor Bridge High Level
Structure No : 29/00
Feature Intersected : Hadvha Nala
Name of Bridge : Hadvha Nala
Nearest Town : Laksar
Latitude (Northing) : 29.73525000
Longitude (Easting) : 78.01142778
Construction Year : 2024
Inventory Year : 2026
Work Code(s) : --
Geometric
Overall length (in meter) : 40.00
Total No of Span : 1
Maximuam Span (in meter) : 40.00
Span Arragment : 1x40
No of Lane : 2.000
Overall Width (m) : 7.500
Carriageway Width (m) : 7.500
RS Footpath Width (m) : 0.500
LS Footpath Width (m) : 0.500
Approch 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 : 200.000
LWL Low Water Level : 150.000
Design Velocity (m/Sec) : 0.00
Design Discharge (Cumecs) : 0.00
Soffit Level at Centre : 0.000
Road Level at Centre : 0.000
Design Scour Level at Pier : 0.000
Design Scour Level at Abutments : 0.000
Exposure Condition : Moderate

Seismic Importance factor : 1.0
Design Loading : Class A
Load Rating : Class A
Super-Structure
Superstructure Type : Box girder
Superstructure Material : Reinforced concrete
Wearing Coat Type : Cement Concrete
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Tubular steel
Bearing type : Elastomeric
Sub-Structure
Founding Strata : Bouldery
Abutment Foundation Type : Open
Pier Foundation Type : Well
No of Piers : 2
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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Er. Mahaveer Lal, Er. Anoop Rawat

