

ID :3504 Local Nala _ _ _ _ _

on Chainage 158.225 of Ambala Paunta Shahib Dehradun Rishikesh (Haridwar) national highway

In District Dehradun Under NH Doiwala Division

Bridge Inventory Report

Division: NH Doiwala

Data not-yet finalized

General

Name of Division : 132

Revenue Block Name : 32

Chainage (at Mid Point) : 158.225

Road/ Segment Name : 2

Bridge Type : Motor Bridge High Level

Structure No : 159/1

Feature Intersected : Local Nala

Name of Bridge : Local Nala

Nearest Town : Dehradun

Latitude (Northing) : 30.28870700

Longitude (Easting) : 78.02047400

Construction Year : 2023

Inventory Year : 2025

Geometric

Overall length (in meter) : 10.00

Total No of Span : 1

Maximum Span (in meter) : 10.00

Span Arrangement : 1x10m

No of Lane : 4.000

Overall Width (m) : 17.000

Carriageway Width (m) : 15.000

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 1.500

Approach Width i/c Shoulders (m) : 7.500

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 : 0.0

Design Loading : Class A
Load Rating : Class A
Super-Structure
Superstructure Type : Single/Multi-cell Box
Superstructure Material : Reinforced concrete
Wearing Coat Type : Bituminous Concrete
Expansion Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Cast-in-situ concrete
Bearing type : Not Provided
Sub-Structure
Founding Strata : Bouldery
Abutment Foundation Type : Raft
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 : Stone Masonry Wall
Bank Protection Right Side of Up-stream : Stone Masonry Wall
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 : Apron Provided
Treatment for Corrosion Protection (if any) : Apron Provided
final
Name of JE/AAE : Prashant Kumar Aggarwal

