

ID :3193 Kali Rou _ _ _ _ _

on Chainage 3.300 of Dehradun Sahastradhara Road (Kirsali Chowk to Sahastradhara)

In District Dehradun Under PD Dehradun Division

Bridge Inventory Report

Division: PD Dehradun

Data not-yet finalized

General

Name of Division : 51

Revenue Block Name : 32

Chainage (at Mid Point) : 3.300

Road/ Segment Name : 346

Bridge Type : Motor Bridge High Level

Structure No : 1/4

Feature Intersected : Kali Rou

Name of Bridge : Kali Rou

Nearest Town : Sahastradhra

Latitude (Northing) : 30.38243788

Longitude (Easting) : 78.11645065

Construction Year : 2022

Inventory Year : 2023

Geometric

Overall length (in meter) : 48.00

Total No of Span : 1

Maximum Span (in meter) : 48.00

Span Arrangement : 1X48.00 m

No of Lane : 2.000

Overall Width (m) : 7.500

Carriageway Width (m) : 7.000

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 8.500

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 : 1.0

Design Loading : Class A

Load Rating : Class A

Super-Structure

Superstructure Type : Truss

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 : POT PIN

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Open

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : RCC buttressed type

Pier Type : NA

Protection Work

Bank Protection Left Side of Up-stream : Plum concrete work in two rows approx.40 mtr. length

Bank Protection Right Side of Up-stream : Plum concrete work in two rows approx.40 mtr. length

Bank Protection Left Side of Down-stream : N.A.

Bank Protection Right Side of Down-stream : N.A.

Floor Protection on Up-stream : N.A.

Floor Protection on Down-stream : N.A.

Treatment for Corrosion Protection (if any) : N.A.

final

Name of JE/AAE : Sudarshan Singh

