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
Work Code(s) : --
Geometric
Overall length (in meter) : 48.00
Total No of Span : 1
Maximuam Span (in meter) : 48.00
Span Arragment : 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
Approch 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
Expension 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.
Tratment for Corrosion Protection (if any) : N.A.
final
Name of JE/AAE : Sudarshan Singh