

ID :3192 Karligad \_\_\_\_\_

on Chainage 1.500 of Chamasari Majhada road

In District Dehradun Under PD Dehradun Division

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## Bridge Inventory Report

Division: PD Dehradun

Data not-yet finalized

### General

Name of Division : 51

Revenue Block Name : 32

Chainage (at Mid Point) : 1.500

Road/ Segment Name : 1305

Bridge Type : Motor Bridge High Level

Structure No : 2/2

Feature Intersected : Karligad

Name of Bridge : Karligad

Nearest Town : Sahastradhara

Latitude (Northing) : 30.39549310

Longitude (Easting) : 78.13132150

Construction Year :

Inventory Year : 2023

### Geometric

Overall length (in meter) : 30.00

Total No of Span : 1

Maximum Span (in meter) : 30.00

Span Arrangement : 1X30.00

No of Lane : 1.000

Overall Width (m) : 4.250

Carriageway Width (m) : 3.750

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 7.000

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 B

Load Rating : Class B

Super-Structure

Superstructure Type : Bailey

Superstructure Material : Steel

Wearing Coat Type : Not Provided

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Steel rolled section

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Open

Pier Foundation Type : Well

No of Piers : 0

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

Treatment for Corrosion Protection (if any) : no special treatment provided

final

Name of JE/AAE : Sudarshan Singh

