ID :369 karligad bridge __ __ __ __ __

on Chainage 5.900 of Rajpur Kuthalgate state highway

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 : 31
Chainage (at Mid Point) : 5.900
Road/ Segment Name : 81
Bridge Type : Motor Bridge High Level
Structure No : 6/1
Feature Intersected : karligad river
Name of Bridge : karligad bridge
Nearest Town : dehradun
Latitude (Northing) : 30.40367500
Longitude (Easting) : 78.08838200
Construction Year : 1970
Inventory Year : 2021
Work Code(s) : --
Geometric
Overall length (in meter) : 31.00
Total No of Span : 5
Maximuam Span (in meter) : 36.00
Span Arragment : 1x10+1x36+1x10+1x9.60+1x8
No of Lane : 1.500
Overall Width (m) : 6.600
Carriageway Width (m) : 6.200
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 6.600
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 : Arch
Superstructure Material : Reinforced concrete
Wearing Coat Type : Bituminous Concrete
Expension Joint Type : Not Provided
Railing/Crash Barrier type : Pre-cast concrete
Bearing type : Not Provided
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Open
Pier Foundation Type : NA
No of Piers : 0
Abutment Type : Stone Masonry
Pier Type : NA
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) : plum block in provided
final
Name of JE/AAE : Pradeep Singh Shahi