

ID :1068 dangutha bridge _ _ _ _ _

on Chainage 29.000 of Daragad Kathiyan Kanda state highway

In District Dehradun Under TD Chakrata Division

Bridge Inventory Report

Division: TD Chakrata

Data not-yet finalized

General

Name of Division : 52

Revenue Block Name : 28

Chainage (at Mid Point) : 29.000

Road/ Segment Name : 34

Bridge Type : Motor Bridge High Level

Structure No : 1

Feature Intersected : dangutha khudd

Name of Bridge : dangutha bridge

Nearest Town : kathiyan

Latitude (Northing) : 30.86495800

Longitude (Easting) : 77.95640000

Construction Year : 2018

Inventory Year : 2022

Geometric

Overall length (in meter) : 9.20

Total No of Span : 1

Maximum Span (in meter) : 8.00

Span Arrangement : 1x8

No of Lane : 1.000

Overall Width (m) : 8.500

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

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 : 1.0

Design Loading : Class A

Load Rating : Class A

Super-Structure

Superstructure Type : Solid slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement 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 : Rocky

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 : plum concrete wall

Bank Protection Right Side of Up-stream : plum concrete 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 : Stone pitching and curtain wall

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

final

Name of JE/AAE : chandan singh panwar

