

ID :442 Ganda Nala _ _ _ _ _

on Chainage 1.900 of Dehradun Mussoorie state highway.

In District Dehradun Under CD Dehradun Division

Bridge Inventory Report

Division: CD Dehradun

Data not-yet finalized

General

Name of Division : 54

Revenue Block Name : 32

Chainage (at Mid Point) : 1.900

Road/ Segment Name : 35

Bridge Type : Motor Bridge High Level

Structure No : 2/1

Feature Intersected : Ganda Nala

Name of Bridge : Ganda Nala

Nearest Town : Dehradun

Latitude (Northing) : 30.31624200

Longitude (Easting) : 78.02646700

Construction Year : 1971

Inventory Year : 2020

Geometric

Overall length (in meter) : 6.00

Total No of Span : 1

Maximum Span (in meter) : 6.00

Span Arrangement : 1x1

No of Lane : 4.000

Overall Width (m) : 17.000

Carriageway Width (m) : 16.000

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 17.000

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 A

Load Rating : Class A

Super-Structure

Superstructure Type : Solid slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : other

Bearing type : Not Provided

Sub-Structure

Founding Strata : Soft clayey

Abutment Foundation Type : Open

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : Brick 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

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

final

Name of JE/AAE : Er. Sandeep Varma

