

ID :44 GARUDCHATTI BRIDGE _ _ _ _ _

on Chainage 16.300 of Late Shri Jagmohan Singh Negi (Laxmanjulla Dugada Rathuwadhab Dumakot) state highway

In District Pauri Under CD Dugadda Division

Bridge Inventory Report

Division: CD Dugadda

Data not-yet finalized

General

Name of Division : 71

Revenue Block Name : 48

Chainage (at Mid Point) : 16.300

Road/ Segment Name : 63

Bridge Type : Motor Bridge High Level

Structure No : 16/1

Feature Intersected : GANGA RIVER

Name of Bridge : GARUDCHATTI BRIDGE

Nearest Town : LAXMANJHULA

Latitude (Northing) : 30.12694000

Longitude (Easting) : 78.35361000

Construction Year : 2015

Inventory Year : 2021

Geometric

Overall length (in meter) : 190.00

Total No of Span : 3

Maximuam Span (in meter) : 110.00

Span Arragment : 40+110+40

No of Lane : 2.000

Overall Width (m) : 12.000

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 1.500

LS Footpath Width (m) : 1.500

Approch Width i/c Shoulders (m) : 9.000

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 : Severe

Seismic Importance factor : 1.0

Design Loading : Class AA

Load Rating : Class AA

Super-Structure

Superstructure Type : Truss

Superstructure Material : Steel

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Steel rolled section

Bearing type : POT PIN

Sub-Structure

Founding Strata : Sandy

Abutment Foundation Type : Open

Pier Foundation Type : Open

No of Piers : 2

Abutment Type : Stone Masonry

Pier Type : Stone Masonry

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/AEE : MAINPAL DHARIWAL AAE

