

ID :1506 jaigan Bridge _ _ _ _ _

on Chainage 162.095 of Gangolihat, Berinag, Chaukori, Kanda, Bagheshwar, Takula and terminating at its junction with new NH No. 109 near Almora national highway

In District Champawat Under NH Ranikhet Division

Bridge Inventory Report

Division: NH Ranikhet

Data not-yet finalized

General

Name of Division : 83

Revenue Block Name : 59

Chainage (at Mid Point) : 162.095

Road/ Segment Name : 17

Bridge Type : Motor Bridge High Level

Structure No : 163/1

Feature Intersected : jaigan River

Name of Bridge : jaigan Bridge

Nearest Town : kafaligair

Latitude (Northing) : 29.80725000

Longitude (Easting) : 79.77381000

Construction Year : 1962

Inventory Year : 2020

Geometric

Overall length (in meter) : 18.00

Total No of Span : 1

Maximum Span (in meter) : 18.00

Span Arrangement : 1X16.65

No of Lane : 2.000

Overall Width (m) : 8.300

Carriageway Width (m) : 4.050

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 7.800

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 : 0.0

Design Loading : Class A

Load Rating : Class A

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Compression Seal Joint

Railing/Crash Barrier type : Cast-in-situ concrete

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Raft

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 : CC Block

Bank Protection Right Side of Down-stream : CC Block

Floor Protection on Up-stream : no protection work provided

Floor Protection on Down-stream : CC

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

final

Name of JE/AAE : Er. Gaurav Bhatt (JE)

