

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

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## 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)

