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 Div Ranikhet Division

Bridge Inventory Report

Division: NH Div 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
Work Code(s) : --
Geometric
Overall length (in meter) : 18.00
Total No of Span : 1
Maximuam Span (in meter) : 18.00
Span Arragment : 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
Approch 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
Expension 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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Er. Gaurav Bhatt (JE)

