

ID :1503 Gomati Bridge _ _ _ _ _

on Chainage 132.354 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) : 132.354

Road/ Segment Name : 17

Bridge Type : Motor Bridge High Level

Structure No : 133/1

Feature Intersected : Gomati River

Name of Bridge : Gomati Bridge

Nearest Town : Bageswar

Latitude (Northing) : 29.83635000

Longitude (Easting) : 79.77123000

Construction Year : 2007

Inventory Year : 2020

Geometric

Overall length (in meter) : 48.00

Total No of Span : 1

Maximum Span (in meter) : 48.00

Span Arrangement : 1X48.00

No of Lane : 1.000

Overall Width (m) : 5.550

Carriageway Width (m) : 4.250

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 5.250

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 B

Load Rating : Class B

Super-Structure

Superstructure Type : Truss

Superstructure Material : Steel

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Compression Seal Joint

Railing/Crash Barrier type : Steel rolled section

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 : RR Massonery & CC Block

Bank Protection Right Side of Up-stream : RR Massonery & CC Block

Bank Protection Left Side of Down-stream : RR Massonery & CC Block

Bank Protection Right Side of Down-stream : RR Massonery & CC Block

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. Gaurav Bhatt (JE)

