

ID :2517 Ramghat Bridge _ _ _ _ _

on Chainage 44.450 of BhatraujKhan Ganai Chaukhutia state highway

In District Almora Under CD Ranikhet Division

Bridge Inventory Report

Division: CD Ranikhet

Data not-yet finalized

General

Name of Division : 4

Revenue Block Name : 63

Chainage (at Mid Point) : 44.450

Road/ Segment Name : 101

Bridge Type : Motor Bridge High Level

Structure No : 44/1

Feature Intersected : Local Gadhera

Name of Bridge : Ramghat Bridge

Nearest Town : Masi

Latitude (Northing) : 29.80227500

Longitude (Easting) : 79.27323600

Construction Year : 1960

Inventory Year : 2022

Geometric

Overall length (in meter) : 12.20

Total No of Span : 1

Maximum Span (in meter) : 12.20

Span Arrangement : 1x12

No of Lane : 1.000

Overall Width (m) : 4.250

Carriageway Width (m) : 4.250

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 4.250

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 : 1.0

Design Loading : NA

Load Rating : NA

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Other

Railing/Crash Barrier type : other

Bearing type : POT PIN

Sub-Structure

Founding Strata : Rocky

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 : 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/AAE :

