

ID :2610 dang _ _ _ _ _

on Chainage 50.200 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 : 62

Chainage (at Mid Point) : 50.200

Road/ Segment Name : 101

Bridge Type : Pedestrian Bridge

Structure No : 50/1

Feature Intersected : ramganga river

Name of Bridge : dang

Nearest Town : dang

Latitude (Northing) : 29.84856389

Longitude (Easting) : 79.29740000

Construction Year : 1981

Inventory Year : 2020

Geometric

Overall length (in meter) : 70.00

Total No of Span : 1

Maximum Span (in meter) : 70.00

Span Arrangement : 1x70

No of Lane : 1.000

Overall Width (m) : 2.200

Carriageway Width (m) : 2.200

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 2.200

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 : Footpath Live Load

Load Rating : Class A

Super-Structure

Superstructure Type : Suspension

Superstructure Material : Steel

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : Not Provided

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Raft

Pier Foundation Type : Raft

No of Piers : 2

Abutment Type : Stone Masonry

Pier Type : Stone Masonry

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 :

