

ID :982 Suspension bridle bridge Over Ramganga River at near Devradi _____

on Chainage 2.580 of Bhikiyasain to Thapla Motor Road

In District Almora Under PD Ranikhet Division

Bridge Inventory Report

Division: PD Ranikhet

Data not-yet finalized

General

Name of Division : 3

Revenue Block Name : 64

Chainage (at Mid Point) : 2.580

Road/ Segment Name : 721

Bridge Type : Pedestrian Bridge

Structure No : 6/1

Feature Intersected : Ramganga River

Name of Bridge : Suspension bridle bridge Over Ramganga River at near Devradi

Nearest Town : Thapla

Latitude (Northing) : 29.68020800

Longitude (Easting) : 79.24995000

Construction Year : 1998

Inventory Year : 2021

Geometric

Overall length (in meter) : 90.00

Total No of Span : 1

Maximum Span (in meter) : 90.00

Span Arrangement : 1x90

No of Lane : 1.000

Overall Width (m) : 2.700

Carriageway Width (m) : 1.800

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 1.800

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 : 1.2

Design Loading : Footpath Live Load

Load Rating : Footpath Live Load

Super-Structure

Superstructure Type : Suspension

Superstructure Material : Composite

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Steel rolled section

Bearing type : Not Provided

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Open

Pier Foundation Type : Open

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 : Deepak Samant

