

ID :814 Vijay Nagar( Siwuto) \_ \_ \_ \_ \_

on Chainage 53.150 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 : 61

Chainage (at Mid Point) : 53.150

Road/ Segment Name : 101

Bridge Type : Pedestrian Bridge

Structure No : 54/1

Feature Intersected : Ram ganga

Name of Bridge : Vijay Nagar( Siwuto)

Nearest Town : Haat/ Vijay nagar

Latitude (Northing) : 29.86464722

Longitude (Easting) : 79.32610278

Construction Year : 1984

Inventory Year : 2021

### Geometric

Overall length (in meter) : 70.00

Total No of Span : 1

Maximum Span (in meter) : 66.00

Span Arrangement : 1x66

No of Lane : 1.000

Overall Width (m) : 2.000

Carriageway Width (m) : 1.800

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 : 860.000

OFL Ordinary Flood Level : 856.000

LWL Low Water Level : 855.000

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 : Footpath Live Load

Super-Structure

Superstructure Type : Cable stayed

Superstructure Material : Steel

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Tubular steel

Bearing type : Not Provided

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 : Plum concrete

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 : Vijay Pal Singh

