

ID :2071 Suspension Bridge \_ \_ \_ \_ \_

on Chainage 0.000 of Badkholu Saknikhet Rautela Kanda Bausal motor road

In District Pauri Under PD Pauri Division

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## Bridge Inventory Report

Division: PD Pauri

Data not-yet finalized

### General

Name of Division : 67

Revenue Block Name : 37

Chainage (at Mid Point) : 0.000

Road/ Segment Name : 7339

Bridge Type : Pedestrian Bridge

Structure No : 1/1

Feature Intersected : Nayar River

Name of Bridge : Suspension Bridge

Nearest Town : Badkholu Near Satpuli

Latitude (Northing) : 29.93759000

Longitude (Easting) : 78.70311000

Construction Year : 1987

Inventory Year : 2022

### Geometric

Overall length (in meter) : 70.00

Total No of Span : 1

Maximum Span (in meter) : 70.00

Span Arrangement : 1x70.000

No of Lane : 1.000

Overall Width (m) : 1.700

Carriageway Width (m) : 1.700

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 1.600

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 552.000

OFL Ordinary Flood Level : 550.000

LWL Low Water Level : 546.000

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre : 554.920

Road Level at Centre : 555.000

Design Scour Level at Pier :

Design Scour Level at Abutments : 540.000

Exposure Condition : Extreme

Seismic Importance factor : 1.0

Design Loading : Footpath Live Load

Load Rating : Footpath Live Load

Super-Structure

Superstructure Type : Suspension

Superstructure Material : Steel

Wearing Coat Type : Other

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Steel rolled section

Bearing type : Not Provided

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

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 : Er. Sushil Semwal

