

ID :73 Padli Bridge \_ \_ \_ \_ \_

on Chainage 0.150 of NH 87 Km 114 to Chak Bisod Padli Motor Road

In District Nainital Under PD Nainital Division

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## Bridge Inventory Report

Division: PD Nainital

Data not-yet finalized

### General

Name of Division : 9

Revenue Block Name : 75

Chainage (at Mid Point) : 0.150

Road/ Segment Name : 3020

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Sipra River

Name of Bridge : Padli Bridge

Nearest Town : Bhowali

Latitude (Northing) : 29.43650000

Longitude (Easting) : 79.48938900

Construction Year : 2015

Inventory Year : 2021

### Geometric

Overall length (in meter) : 21.00

Total No of Span : 1

Maximum Span (in meter) : 21.00

Span Arrangement : 1x21

No of Lane : 1.000

Overall Width (m) : 5.350

Carriageway Width (m) : 3.900

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 5.000

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 : Class A

Load Rating : Class A

Super-Structure

Superstructure Type : Truss

Superstructure Material : Steel

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Filler

Railing/Crash Barrier type : Steel rolled section

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Open

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : RCC Box type

Pier Type : NA

Protection Work

Bank Protection Left Side of Up-stream : 8m length RR masonry

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) : primer work and painting work  
final

Name of JE/AAE : Er. Meenu Devi

