

ID :1897 45 Mtr Span Pedestrian Bridge on Pungar River At Banlekh \_\_\_\_\_

on Chainage 0.300 of road unknown

In District Bageshwar Under CD Kapkot Division

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## Bridge Inventory Report

Division: CD Kapkot

Data not-yet finalized

### General

Name of Division : 6

Revenue Block Name : 72

Chainage (at Mid Point) : 0.300

Road/ Segment Name :

Bridge Type : Pedestrian Bridge

Structure No : 1/1

Feature Intersected : Pungar River

Name of Bridge : 45 Mtr Span Pedestrian Bridge on Pungar River At Banlekh

Nearest Town : Banlekh

Latitude (Northing) : 29.87072600

Longitude (Easting) : 79.92719300

Construction Year : 2010

Inventory Year : 2020

### Geometric

Overall length (in meter) : 45.00

Total No of Span : 1

Maximum Span (in meter) : 45.00

Span Arrangement : 1x45.00

No of Lane : 1.000

Overall Width (m) : 1.800

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 : 1102.000

OFL Ordinary Flood Level : 1100.500

LWL Low Water Level : 1100.000

Design Velocity (m/Sec) : 5.00

Design Discharge (Cumecs) : 107.00

Soffit Level at Centre : 1106.250

Road Level at Centre : 1107.000

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Moderate

Seismic Importance factor : 0.0

Design Loading : Footpath Live Load

Load Rating : Footpath Live Load

Super-Structure

Superstructure Type : Truss

Superstructure Material : Steel

Wearing Coat Type : Other

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Steel rolled section

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Bouldery

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 : Plum Concrete Box

Bank Protection Right Side of Up-stream : Plum Concrete Box

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. Jagdish Papney

