

ID :1881 110 Mtr Span Kalapair kapri Pedestrian Bridge \_\_\_\_\_

on Chainage 0.200 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) : 0.200

Road/ Segment Name :

Bridge Type : Pedestrian Bridge

Structure No : 1/1

Feature Intersected : Ramganga River

Name of Bridge : 110 Mtr Span Kalapair kapri Pedestrian Bridge

Nearest Town : Kalapair Kapri

Latitude (Northing) : 29.93339472

Longitude (Easting) : 80.14430833

Construction Year : 2019

Inventory Year : 2019

### Geometric

Overall length (in meter) : 110.00

Total No of Span : 1

Maximum Span (in meter) : 110.00

Span Arrangement : 1x110

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) : 7

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 1302.500

OFL Ordinary Flood Level : 1300.500

LWL Low Water Level : 1300.000

Design Velocity (m/Sec) : 6.00

Design Discharge (Cumecs) : 2500.00

Soffit Level at Centre : 107.250

Road Level at Centre : 1308.000

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 : Suspension

Superstructure Material : Steel

Wearing Coat Type : Other

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : other

Bearing type : Not Provided

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Raft

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 : Plum Concrete Block

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

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. Pankaj Patwa

