

ID :2972 kandai bridge \_ \_ \_ \_ \_

on Chainage 1.350 of Sema Bairoun motor road (Thirpak Kandai Bairaskund motor road)

In District Chamoli Under PD Karnprayag Division

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## Bridge Inventory Report

Division: PD Karnprayag

Data not-yet finalized

### General

Name of Division : 36

Revenue Block Name : 9

Chainage (at Mid Point) : 1.350

Road/ Segment Name : 1911

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : nandakini

Name of Bridge : kandai bridge

Nearest Town : nandprayag

Latitude (Northing) : 30.29477400

Longitude (Easting) : 79.37682500

Construction Year : 1995

Inventory Year : 2022

### Geometric

Overall length (in meter) : 48.00

Total No of Span : 1

Maximum Span (in meter) : 48.00

Span Arragment : 1\*48.00

No of Lane : 1.000

Overall Width (m) : 5.300

Carriageway Width (m) : 4.200

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approch Width i/c Shoulders (m) : 6.500

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 B

Load Rating : Class B

Super-Structure

Superstructure Type : Truss

Superstructure Material : Steel

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Filler

Railing/Crash Barrier type : other

Bearing type : POT PIN

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 : 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 : Amit Kumar

