

ID :1838 70 Mtr Span suspension Bridge at Ritang of sundardhunga Track Root \_\_\_\_\_

on Chainage 2.500 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) : 2.500

Road/ Segment Name :

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Sundardhunga River

Name of Bridge : 70 Mtr Span suspension Bridge at Ritang of sundardhunga Track Root

Nearest Town : Ritang (Khati)

Latitude (Northing) : 30.11540000

Longitude (Easting) : 79.92840555

Construction Year : 2018

Inventory Year : 2018

### Geometric

Overall length (in meter) : 70.00

Total No of Span : 1

Maximum Span (in meter) : 70.00

Span Arrangement : 1x70

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 : 1952.000

OFL Ordinary Flood Level : 1951.000

LWL Low Water Level : 1950.000

Design Velocity (m/Sec) : 6.00

Design Discharge (Cumecs) : 650.00

Soffit Level at Centre : 1957.250

Road Level at Centre : 1958.000

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Moderate

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 : Other

Railing/Crash Barrier type : Steel rolled section

Bearing type : Not Provided

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 : Plum Concrete Block & Wirecrate

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

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 :

