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

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 : Pedestrain Bridge
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
Work Code(s) : --
Geometric
Overall length (in meter) : 70.00
Total No of Span : 1
Maximuam Span (in meter) : 70.00
Span Arragment : 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
Approch 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
Expension 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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE :

