ID :979 88 m Syansugarh Pedestrian Suspension Bridge __ __ __ __ __

on Chainage 0.350 of road unknown

In District Rudraprayag Under CD Ukhimath Division

Bridge Inventory Report

Division: CD Ukhimath

Data not-yet finalized

General
Name of Division : 40
Revenue Block Name : 16
Chainage (at Mid Point) : 0.350
Road/ Segment Name :
Bridge Type : Pedestrain Bridge
Structure No : 2
Feature Intersected : Saraswati/Kali River
Name of Bridge : 88 m Syansugarh Pedestrian Suspension Bridge
Nearest Town : Kalimath
Latitude (Northing) : 30.58639000
Longitude (Easting) : 79.07861000
Construction Year : 2018
Inventory Year : 2018
Work Code(s) : --
Geometric
Overall length (in meter) : 88.00
Total No of Span : 1
Maximuam Span (in meter) : 88.00
Span Arragment : 1x88
No of Lane : 1.000
Overall Width (m) : 2.200
Carriageway Width (m) : 1.800
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 2.000
Gradient (%age) : 3
Skew Angle (degree) : 0.00
Radius of Curve in Plan (if Any) : 0.00
Design Data
HFL Highest Flood Level : 1364.000
OFL Ordinary Flood Level : 1355.000
LWL Low Water Level : 1353.000
Design Velocity (m/Sec) :
Design Discharge (Cumecs) : 1085.00
Soffit Level at Centre : 1374.700
Road Level at Centre : 1375.000
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 : Not Provided
Expension Joint Type : Not Provided
Railing/Crash Barrier type : other
Bearing type : Not Provided
Sub-Structure
Founding Strata : Bouldery
Abutment Foundation Type : Open
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
Bank Protection Right Side of Up-stream : Plum concrete
Bank Protection Left Side of Down-stream : Plum concrete
Bank Protection Right Side of Down-stream : Plum concrete
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 :

