ID :978 69 m Chandrapuri Pedestrian Suspension Bridge __ __ __ __ __

on Chainage 0.080 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 : 17
Chainage (at Mid Point) : 0.080
Road/ Segment Name :
Bridge Type : Pedestrain Bridge
Structure No : 1
Feature Intersected : Mandakini river
Name of Bridge : 69 m Chandrapuri Pedestrian Suspension Bridge
Nearest Town : Chandrapuri
Latitude (Northing) : 30.43030000
Longitude (Easting) : 79.06890000
Construction Year : 2018
Inventory Year : 2018
Work Code(s) : --
Geometric
Overall length (in meter) : 69.00
Total No of Span : 1
Maximuam Span (in meter) : 69.00
Span Arragment : 1x69
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) : 1
Skew Angle (degree) : 0.00
Radius of Curve in Plan (if Any) : 0.00
Design Data
HFL Highest Flood Level : 853.500
OFL Ordinary Flood Level : 850.000
LWL Low Water Level : 848.000
Design Velocity (m/Sec) :
Design Discharge (Cumecs) :
Soffit Level at Centre : 854.800
Road Level at Centre : 855.000
Design Scour Level at Pier :
Design Scour Level at Abutments :
Exposure Condition : Moderate

Seismic Importance factor : 1.5
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 : Rcc Counterfort protection wall
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 :