

ID :1199 Steel Girder on Sarna Nala at Bhimtal-Dhari-Saharphatak Km 8 _____

on Chainage 8.000 of Bhimtal Padampuri Khutani Saharphatak bridle road

In District Nainital Under TD Bhawali Division

Bridge Inventory Report

Division: TD Bhawali

Data not-yet finalized

General

Name of Division : 12

Revenue Block Name : 79

Chainage (at Mid Point) : 8.000

Road/ Segment Name : 5520

Bridge Type : Pedestrian Bridge

Structure No : 1

Feature Intersected : Sarna Nala

Name of Bridge : Steel Girder on Sarna Nala at Bhimtal-Dhari-Saharphatak Km 8

Nearest Town : Padampuri

Latitude (Northing) : 29.37970000

Longitude (Easting) : 79.61970000

Construction Year : 1911

Inventory Year : 2021

Geometric

Overall length (in meter) : 14.50

Total No of Span : 1

Maximum Span (in meter) : 14.50

Span Arrangement : 1

No of Lane : 1.000

Overall Width (m) : 2.500

Carriageway Width (m) : 2.000

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 2.500

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 : Footpath Live Load

Load Rating : Footpath Live Load

Super-Structure

Superstructure Type : Truss

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : Elastomeric

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : Well

No of Piers : 0

Abutment Type : Stone Masonry

Pier Type : RCC Solid

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 : Er. Tanuja Gaira

