

ID :3380 Bridle bridge in Maletha Over Alaknanda River _ _ _ _ _
on Chainage 0.000 of Kirtinagar Badiyar Dhaurangi Saurakhal motor road
In District Tehri Under TD Kirtinagar Division

Bridge Inventory Report

Division: TD Kirtinagar

Data not-yet finalized

General

Name of Division : 47
Revenue Block Name : 22
Chainage (at Mid Point) : 0.000
Road/ Segment Name : 192
Bridge Type : Pedestrian Bridge
Structure No : 1/1
Feature Intersected : Alaknanda
Name of Bridge : Bridle bridge in Maletha Over Alaknanda River
Nearest Town : Kirtinagar
Latitude (Northing) : 30.22682000
Longitude (Easting) : 78.72660500
Construction Year : 2001
Inventory Year : 2024

Geometric

Overall length (in meter) : 100.00
Total No of Span : 1
Maximum Span (in meter) : 100.00
Span Arrangement : 1x100
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) : 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 :
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 : Suspension

Superstructure Material : Steel

Wearing Coat Type : Mastic asphalt

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : other

Bearing type : Not Provided

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : Stone Masonry

Pier Type : NA

Protection Work

Bank Protection Left Side of Up-stream : Protection work provided with Plum concrete and walls

Bank Protection Right Side of Up-stream : Protection work provided with Plum concrete and walls

Bank Protection Left Side of Down-stream : Protection work provided with Plum concrete and walls

Bank Protection Right Side of Down-stream : Protection work provided with Plum concrete and walls

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/AEE : Er. Mahesh Nautiyal (JE) and Er. Munish Kumar (AE)

