

ID :3379 Pedestrian bridge in Naithana over Alaknanda river _ _ _ _ _
on Chainage 4.000 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) : 4.000

Road/ Segment Name : 192

Bridge Type : Pedestrian Bridge

Structure No : 4/1

Feature Intersected : Alaknanda

Name of Bridge : Pedestrian bridge in Naithana over Alaknanda river

Nearest Town : Kirtinagar

Latitude (Northing) : 30.22895600

Longitude (Easting) : 78.78666300

Construction Year : 2003

Inventory Year : 2024

Geometric

Overall length (in meter) : 170.00

Total No of Span : 1

Maximum Span (in meter) : 170.00

Span Arrangement : 1x170

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 : 1.2

Design Loading : Footpath Live Load

Load Rating : Class B

Super-Structure

Superstructure Type : Suspension

Superstructure Material : Steel

Wearing Coat Type : Other

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 & walls

Bank Protection Right Side of Up-stream : Protection work provided with plum concrete & walls

Bank Protection Left Side of Down-stream : Protection work provided with plum concrete & walls

Bank Protection Right Side of Down-stream : Protection work provided with plum concrete & 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/AAE : Harish Prasad bhatt

