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 : Pedestrain 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
Work Code(s) : --
Geometric
Overall length (in meter) : 170.00
Total No of Span : 1
Maximuam Span (in meter) : 170.00
Span Arragment : 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
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 :
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
Expension 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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Harish Prasad bhatt