

ID :1747 Suspension Bridge _ _ _ _ _

on Chainage 84.900 of Tehri Hindolakhil Devprayag Vyasghat Bilkhet state highway

In District Pauri Under PD Pauri Division

Bridge Inventory Report

Division: PD Pauri

Data not-yet finalized

General

Name of Division : 67

Revenue Block Name : 34

Chainage (at Mid Point) : 84.900

Road/ Segment Name : 94

Bridge Type : Pedestrian Bridge

Structure No : 85/1

Feature Intersected : Nayar River

Name of Bridge : Suspension Bridge

Nearest Town : Sarora-Marora

Latitude (Northing) : 29.99070000

Longitude (Easting) : 78.63906000

Construction Year : 1990

Inventory Year : 2022

Geometric

Overall length (in meter) : 39.00

Total No of Span : 1

Maximum Span (in meter) : 39.00

Span Arrangement : 1x39.00

No of Lane : 1.000

Overall Width (m) : 1.650

Carriageway Width (m) : 1.650

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 3.500

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 516.000

OFL Ordinary Flood Level : 513.000

LWL Low Water Level : 508.000

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre : 523.900

Road Level at Centre : 524.000

Design Scour Level at Pier :

Design Scour Level at Abutments : 520.000

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 : Bituminous Concrete
Expansion Joint Type : Not Provided
Railing/Crash Barrier type : Tubular steel
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 : 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. Mahendra Singh Dawan

