

ID :2432 Kirtinagar Bridge _ _ _ _ _

on Chainage 323.733 of Delhi Badrinath Mana national highway : .

In District Tehri Under NH Srinagar Division

Bridge Inventory Report

Division: NH Srinagar

Data not-yet finalized

General

Name of Division : 130

Revenue Block Name : 22

Chainage (at Mid Point) : 323.733

Road/ Segment Name : 1

Bridge Type : Motor Bridge High Level

Structure No : 58/55

Feature Intersected : Alaknanda

Name of Bridge : Kirtinagar Bridge

Nearest Town : Kirtinagar

Latitude (Northing) : 30.21369600

Longitude (Easting) : 78.74717600

Construction Year : 1990

Inventory Year : 2022

Geometric

Overall length (in meter) : 124.60

Total No of Span : 3

Maximum Span (in meter) : 69.00

Span Arrangement : 1*30+1*69+1*25.6

No of Lane : 2.000

Overall Width (m) : 10.950

Carriageway Width (m) : 7.550

RS Footpath Width (m) : 1.250

LS Footpath Width (m) : 1.250

Approach Width i/c Shoulders (m) : 12.000

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 : 0.0

Design Loading : Class A

Load Rating : Class A

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Modular Strip/Box Seal Joints

Railing/Crash Barrier type : Cast-in-situ concrete

Bearing type : Elastomeric

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : Well

No of Piers : 2

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 : Shashi Negi

