ID :2432 Kirtinagar Bridge __ __ __ __ __

on Chainage 323.733 of Paonta sahib (fazilka) Badrinath Mana pass national highway : .

In District Tehri Under NH Div Srinagar Division

Bridge Inventory Report

Division: NH Div 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
Work Code(s) : --
Geometric
Overall length (in meter) : 124.60
Total No of Span : 3
Maximuam Span (in meter) : 69.00
Span Arragment : 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
Approch 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
Expension 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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Shashi Negi

