

ID :2444 Chandrabhaga bridge _ _ _ _ _

on Chainage 228.400 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 : 27

Chainage (at Mid Point) : 228.400

Road/ Segment Name : 1

Bridge Type : Motor Bridge High Level

Structure No : 229/1/1

Feature Intersected : Chandrabhaga river

Name of Bridge : Chandrabhaga bridge

Nearest Town : Risikesh

Latitude (Northing) : 30.10873889

Longitude (Easting) : 78.30184722

Construction Year : 1982

Inventory Year : 2022

Geometric

Overall length (in meter) : 120.00

Total No of Span : 5

Maximum Span (in meter) : 24.00

Span Arrangement : 5*24

No of Lane : 2.000

Overall Width (m) : 11.000

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 1.370

LS Footpath Width (m) : 1.370

Approach Width i/c Shoulders (m) : 14.000

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 : Mild

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 : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Steel rolled section
Bearing type : Roller & Rocker
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Open
Pier Foundation Type : Well
No of Piers : 4
Abutment Type : RCC Box type
Pier Type : RCC Solid
Protection Work
Bank Protection Left Side of Up-stream : RR Masonry Work
Bank Protection Right Side of Up-stream : RR Masonry Work
Bank Protection Left Side of Down-stream : RR Masonry Work
Bank Protection Right Side of Down-stream : RR Masonry Work
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/AEE : Brijpal

