

ID :309 Steel Girder Bridge (SH -11) at Km 188(dwligaad) near Nachni _ _ _ _ _

on Chainage 188.000 of Karnaprayag (Shimli) Gwaldam Bageshwar Chokodi Thal Munsyari Joljivi state highway

In District Pithoragarh Under BRO Division

Bridge Inventory Report

Division: BRO

Data not-yet finalized

General

Name of Division : 134

Revenue Block Name : 49

Chainage (at Mid Point) : 188.000

Road/ Segment Name : 55

Bridge Type : Motor Bridge High Level

Structure No : 188/1

Feature Intersected : Jakula river

Name of Bridge : Steel Girder Bridge (SH -11) at Km 188(dwligaad) near Nachni

Nearest Town : Nachani

Latitude (Northing) : 30.04305600

Longitude (Easting) : 80.15055600

Construction Year : 1969

Inventory Year : 2020

Geometric

Overall length (in meter) : 41.00

Total No of Span : 1

Maximuam Span (in meter) : 42.00

Span Arragment : 1X41

No of Lane : 1.000

Overall Width (m) : 5.450

Carriageway Width (m) : 4.250

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approch Width i/c Shoulders (m) : 5.950

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 : 1.0

Design Loading : Class B

Load Rating : Class B

Super-Structure

Superstructure Type : Truss

Superstructure Material : Steel

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : Elastomeric

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 :

