

ID :100 Bridle Bridge Over Ganga river near Kailash Gate. _____

on Chainage 0.300 of Narendnagar Muni ki Reti bridle road

In District Tehri Under CD Narendnagar Division

Bridge Inventory Report

Division: CD Narendnagar

Data not-yet finalized

General

Name of Division : 44

Revenue Block Name : 27

Chainage (at Mid Point) : 0.300

Road/ Segment Name : 4256

Bridge Type : Pedestrian Bridge

Structure No : 1/1

Feature Intersected : Ganga river

Name of Bridge : Bridle Bridge Over Ganga river near Kailash Gate.

Nearest Town : Munikireti, Narendra Nagar

Latitude (Northing) : 30.11649400

Longitude (Easting) : 78.30864900

Construction Year : 2020

Inventory Year : 2021

Geometric

Overall length (in meter) : 346.00

Total No of Span : 3

Maximum Span (in meter) : 274.00

Span Arrangement : 1x24+274+2x24

No of Lane : 1.000

Overall Width (m) : 3.900

Carriageway Width (m) : 3.900

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 4.250

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 : 1.5

Design Loading : Footpath Live Load

Load Rating : Footpath Live Load

Super-Structure

Superstructure Type : Suspension

Superstructure Material : Composite

Wearing Coat Type : Mastic asphalt

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : Neoprene

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Well

Pier Foundation Type : Well

No of Piers : 2

Abutment Type : RCC buttressed type

Pier Type : RCC Hollow

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. Ashu Sajwan

