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

on Chainage 0.300 of Narendernagar 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 : Pedestrain 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
Work Code(s) : --
Geometric
Overall length (in meter) : 346.00
Total No of Span : 3
Maximuam Span (in meter) : 274.00
Span Arragment : 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
Approch 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
Expension 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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Er. Ashu Sajwan

