

ID :1029 chamriya bridge \_ \_ \_ \_ \_

on Chainage 39.008 of Jyolikot Almora Karanprayag national highway

In District Nanital Under NH Haldwani Division

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## Bridge Inventory Report

Division: NH Haldwani

Data not-yet finalized

### General

Name of Division : 61

Revenue Block Name : 75

Chainage (at Mid Point) : 39.008

Road/ Segment Name : 12

Bridge Type : Motor Bridge High Level

Structure No : 40/1

Feature Intersected : local nala

Name of Bridge : chamriya bridge

Nearest Town : chamriya

Latitude (Northing) : 29.50419170

Longitude (Easting) : 79.51186700

Construction Year : 2017

Inventory Year : 2020

### Geometric

Overall length (in meter) : 9.55

Total No of Span : 1

Maximum Span (in meter) : 9.55

Span Arrangement : 1x9.55

No of Lane : 1.000

Overall Width (m) : 11.400

Carriageway Width (m) : 7.000

RS Footpath Width (m) : 1.500

LS Footpath Width (m) : 1.500

Approach Width i/c Shoulders (m) : 11.400

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 A

Load Rating : Class A

Super-Structure

Superstructure Type : Solid slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Asphaltic Plug Joint

Railing/Crash Barrier type : Cast-in-situ concrete

Bearing type : Elastomeric

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : Raft

No of Piers : 2

Abutment Type : RCC Box type

Pier Type : RCC Solid

Protection Work

Bank Protection Left Side of Up-stream : Plum concrete block

Bank Protection Right Side of Up-stream : Plum concrete block

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 : cement concrete

Floor Protection on Down-stream : cement concrete

Treatment for Corrosion Protection (if any) : no special treatment provided

final

Name of JE/AAE :

