

ID :1388 Niglat \_ \_ \_ \_ \_

on Chainage 17.360 of Jyolikot Almora Karanprayag national highway

In District Nainital 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) : 17.360

Road/ Segment Name : 12

Bridge Type : Motor Bridge High Level

Structure No : 18/4

Feature Intersected : local nala

Name of Bridge : Niglat

Nearest Town : niglat

Latitude (Northing) : 29.40691000

Longitude (Easting) : 79.51695200

Construction Year :

Inventory Year : 2020

### Geometric

Overall length (in meter) : 7.00

Total No of Span : 1

Maximum Span (in meter) : 7.00

Span Arrangement : 1x7

No of Lane : 1.000

Overall Width (m) : 4.250

Carriageway Width (m) : 4.250

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 5.500

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 : Arch  
Superstructure Material : Masonry  
Wearing Coat Type : Cement Concrete  
Expansion Joint Type : Single Strip/Box Seal Joint  
Railing/Crash Barrier type : Cast-in-situ concrete  
Bearing type : Not Provided  
Sub-Structure  
Founding Strata : Rocky  
Abutment Foundation Type : Open  
Pier Foundation Type : Raft  
No of Piers : 2  
Abutment Type : Stone Masonry  
Pier Type : RCC Solid  
Protection Work  
Bank Protection Left Side of Up-stream : wing wall  
Bank Protection Right Side of Up-stream : wing wall  
Bank Protection Left Side of Down-stream : wing wall  
Bank Protection Right Side of Down-stream : wing wall  
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 :

