ID :1388  Niglat  __ __ __ __ __

on Chainage 17.360 of Jyolikot Almora Karanprayag national highway

In District Nanital Under NH Div Haldwani Division

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Bridge Inventory Report

Division: NH Div 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
Work Code(s) : --
Geometric
Overall length (in meter) : 7.00
Total No of Span : 1
Maximuam Span (in meter) : 7.00
Span Arragment : 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
Approch 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
Expension 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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE :