

ID :279 Khakal Daat \_ \_ \_ \_ \_

on Chainage 79.350 of Jyolikot Almora Karanprayag national highway

In District Almora Under NH Ranikhet Division

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## Bridge Inventory Report

Division: NH Ranikhet

Data not-yet finalized

### General

Name of Division : 83

Revenue Block Name : 69

Chainage (at Mid Point) : 79.350

Road/ Segment Name : 12

Bridge Type : Motor Bridge High Level

Structure No : 80/2

Feature Intersected : Khakal River

Name of Bridge : Khakal Daat

Nearest Town : Hawalbagh Matela

Latitude (Northing) : 29.62977222

Longitude (Easting) : 79.62703333

Construction Year : 1923

Inventory Year : 2020

### Geometric

Overall length (in meter) : 7.70

Total No of Span : 1

Maximum Span (in meter) : 12.00

Span Arrangement : 1X7.70

No of Lane : 1.000

Overall Width (m) : 5.950

Carriageway Width (m) : 4.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 7.800

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 : Severe

Seismic Importance factor : 0.0

Design Loading : Class B  
Load Rating : Class B  
Super-Structure  
Superstructure Type : Arch  
Superstructure Material : Masonry  
Wearing Coat Type : Bituminous Concrete  
Expansion Joint Type : Not Provided  
Railing/Crash Barrier type : other  
Bearing type : Not Provided  
Sub-Structure  
Founding Strata : Rocky  
Abutment Foundation Type : Open  
Pier Foundation Type : NA  
No of Piers : 0  
Abutment Type : Stone Masonry  
Pier Type : NA  
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. Balam Singh Jani (AAE)

