

ID :1116 Dharuwa Pul \_ \_ \_ \_ \_

on Chainage 28.180 of BhatraujKhan Ganai Chaukhutia state highway

In District Almora Under CD Ranikhet Division

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## Bridge Inventory Report

Division: CD Ranikhet

Data not-yet finalized

### General

Name of Division : 4

Revenue Block Name : 63

Chainage (at Mid Point) : 28.180

Road/ Segment Name : 101

Bridge Type : Motor Bridge High Level

Structure No : 29/2

Feature Intersected : Dharuwa Gadhar

Name of Bridge : Dharuwa Pul

Nearest Town : Jainal

Latitude (Northing) : 29.71909722

Longitude (Easting) : 79.26144722

Construction Year : 1960

Inventory Year : 2021

### Geometric

Overall length (in meter) : 7.20

Total No of Span : 1

Maximum Span (in meter) : 7.20

Span Arrangement : 1x7.20

No of Lane : 1.000

Overall Width (m) : 5.000

Carriageway Width (m) : 4.300

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 6.000

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 805.500

OFL Ordinary Flood Level : 803.500

LWL Low Water Level : 802.500

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 B

Load Rating : Class A

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Masonry

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Other

Railing/Crash Barrier type : Pre-cast concrete

Bearing type : Not Provided

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Raft

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : Stone Masonry

Pier Type : NA

Protection Work

Bank Protection Left Side of Up-stream : Masonry Wing Wall

Bank Protection Right Side of Up-stream : Masonry Wing Wall

Bank Protection Left Side of Down-stream : Masonry Wing Wall

Bank Protection Right Side of Down-stream : Masonry 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 : Er. Khajan singh rawat

