

ID :1118 Karai Pul _ _ _ _ _

on Chainage 36.775 of BhatraujKhan Ganai Chaukhutia state highway

In District Almora Under CD Ranikhet Division

Bridge Inventory Report

Division: CD Ranikhet

Data not-yet finalized

General

Name of Division : 4

Revenue Block Name : 63

Chainage (at Mid Point) : 36.775

Road/ Segment Name : 101

Bridge Type : Motor Bridge High Level

Structure No : 37/2

Feature Intersected : Binoli Gadhera

Name of Bridge : Karai Pul

Nearest Town : Kaidar

Latitude (Northing) : 29.77700278

Longitude (Easting) : 79.23744722

Construction Year : 1960

Inventory Year : 2021

Geometric

Overall length (in meter) : 18.00

Total No of Span : 1

Maximum Span (in meter) : 18.00

Span Arrangement : 1x19.70

No of Lane : 1.000

Overall Width (m) : 5.000

Carriageway Width (m) : 2.300

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 6.500

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 840.000

OFL Ordinary Flood Level : 838.000

LWL Low Water Level : 837.000

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 B
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 :

