

ID :338 BAIJRO BRIDGE \_ \_ \_ \_ \_

on Chainage 140.870 of starting from its junction with NH -74 near kashipur connecting Ramnager Dhumakot Thalissain Tripalissain Pabo and Terminating at NH 119 near Bubakhal National Highway

In District Pauri Under NH Dhumakot Division

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## Bridge Inventory Report

Division: NH Dhumakot

Data not-yet finalized

### General

Name of Division : 63

Revenue Block Name : 40

Chainage (at Mid Point) : 140.870

Road/ Segment Name : 11

Bridge Type : Motor Bridge High Level

Structure No : 141/1

Feature Intersected : Local River

Name of Bridge : BAIJRO BRIDGE

Nearest Town : BAIJRO

Latitude (Northing) : 29.90693000

Longitude (Easting) : 79.02972222

Construction Year : 1970

Inventory Year : 2023

### Geometric

Overall length (in meter) : 35.50

Total No of Span : 1

Maximum Span (in meter) : 35.50

Span Arrangement : 1x35.3

No of Lane : 1.000

Overall Width (m) : 4.900

Carriageway Width (m) : 4.200

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 5.400

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 1253.000

OFL Ordinary Flood Level : 1249.000

LWL Low Water Level : 1248.000

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre :

Road Level at Centre : 1260.000

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 : Truss

Superstructure Material : Steel

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Steel rolled section

Bearing type : POT PIN

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : other

No of Piers : 0

Abutment Type : Stone Masonry

Pier Type : Stone Masonry

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 : Mohammad Islam

