

ID :3515 Rithora gadera \_ \_ \_ \_ \_

on Chainage 46.850 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 : 62

Chainage (at Mid Point) : 46.850

Road/ Segment Name : 101

Bridge Type : Motor Bridge High Level

Structure No : 57/7

Feature Intersected : Ramganga River

Name of Bridge : Rithora gadera

Nearest Town : Chakhutiya

Latitude (Northing) : 29.82742800

Longitude (Easting) : 79.28497200

Construction Year : 1965

Inventory Year : 2024

### Geometric

Overall length (in meter) : 8.00

Total No of Span : 1

Maximum Span (in meter) : 6.00

Span Arrangement : 1\*6

No of Lane : 1.000

Overall Width (m) : 5.200

Carriageway Width (m) : 4.250

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 3.000

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 102.000

OFL Ordinary Flood Level : 103.000

LWL Low Water Level : 101.500

Design Velocity (m/Sec) : 0.00

Design Discharge (Cumecs) : 0.00

Soffit Level at Centre : 0.000

Road Level at Centre : 0.000

Design Scour Level at Pier : 0.000

Design Scour Level at Abutments : 0.000

Exposure Condition : Severe

Seismic Importance factor : 0.0

Design Loading : Class B

Load Rating : Class B

Super-Structure

Superstructure Type : Arch

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Cast-in-situ concrete

Bearing type : Not Provided

Sub-Structure

Founding Strata : Soft clayey

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 : Rakesh Chandra Arya

