

ID :898 N.A. \_ \_ \_ \_ \_

on Chainage 99.230 of Khairna Ranikhet Ramnager state highway

In District Almora Under PD Ranikhet Division

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## Bridge Inventory Report

Division: PD Ranikhet

Data not-yet finalized

### General

Name of Division : 3

Revenue Block Name : 64

Chainage (at Mid Point) : 99.230

Road/ Segment Name : 52

Bridge Type : Motor Bridge High Level

Structure No : 99/1

Feature Intersected : Local Gadhera

Name of Bridge : N.A.

Nearest Town : Saural

Latitude (Northing) : 29.54115861

Longitude (Easting) : 79.15720750

Construction Year : 1986

Inventory Year : 2021

### Geometric

Overall length (in meter) : 16.00

Total No of Span : 2

Maximum Span (in meter) : 8.00

Span Arrangement : 2X8

No of Lane : 1.000

Overall Width (m) : 4.250

Carriageway Width (m) : 4.250

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 4.250

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 : Moderate

Seismic Importance factor : 1.0

Design Loading : Class B

Load Rating : Class B

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : POT PIN

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : Well

No of Piers : 0

Abutment Type : Stone Masonry

Pier Type : RCC Solid

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 :

