

ID :344 lugar bridge \_ \_ \_ \_ \_

on Chainage 33.225 of Kathgodam Hairakhan Sanani Bend Simaliya Bend state highway

In District Nanital Under PD Nainital Division

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## Bridge Inventory Report

Division: PD Nainital

Data not-yet finalized

### General

Name of Division : 9

Revenue Block Name : 80

Chainage (at Mid Point) : 33.225

Road/ Segment Name : 2994

Bridge Type : Motor Bridge High Level

Structure No : 1/3

Feature Intersected : lugar river

Name of Bridge : lugar bridge

Nearest Town : haldwani

Latitude (Northing) : 29.23697780

Longitude (Easting) : 79.67700833

Construction Year :

Inventory Year : 2016

### Geometric

Overall length (in meter) : 65.70

Total No of Span : 1

Maximum Span (in meter) : 64.00

Span Arrangement : 1x64

No of Lane : 1.000

Overall Width (m) : 4.700

Carriageway Width (m) : 4.150

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 :

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 : Truss

Superstructure Material : Steel

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Other

Railing/Crash Barrier type : Tubular steel

Bearing type : Roller & Rocker

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 : plum concrete and R/wall

Bank Protection Right Side of Up-stream : plum concrete and R/wall

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 : plum concrete and R/wall

Floor Protection on Down-stream : plum concrete and R/wall

Treatment for Corrosion Protection (if any) : red oxide paint

final

Name of JE/AAE : Er. Ved Prakash

