

ID :344 lugar bridge _ _ _ _ _

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

In District Nainital Under PD Nainital Division

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 : 2005

Inventory Year : 2016

Geometric

Overall length (in meter) : 64.00

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 : POT PIN
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 :

