

ID :1327 Yamuna Bridge \_ \_ \_ \_ \_

on Chainage 43.915 of Starting from its junction with NH - 72 connecting Vikasnager Kalsi Barkot and terminating at junction with NH- 94 near Barkot bend national highway

In District Dehradun Under NH Dehradun Division

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## Bridge Inventory Report

Division: NH Dehradun

Data not-yet finalized

### General

Name of Division : 60

Revenue Block Name : 29

Chainage (at Mid Point) : 43.915

Road/ Segment Name : 9

Bridge Type : Motor Bridge High Level

Structure No : 44/1

Feature Intersected : Yamuna River

Name of Bridge : Yamuna Bridge

Nearest Town : Mussoorie bend

Latitude (Northing) : 30.51027800

Longitude (Easting) : 77.98361100

Construction Year : 1962

Inventory Year : 2021

### Geometric

Overall length (in meter) : 68.00

Total No of Span : 1

Maximum Span (in meter) : 68.00

Span Arrangement : 1\*68.00

No of Lane : 1.000

Overall Width (m) : 5.000

Carriageway Width (m) : 4.250

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 6.550

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 : NA

Super-Structure

Superstructure Type : Truss

Superstructure Material : Steel

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Other

Railing/Crash Barrier type : Steel rolled section

Bearing type : Elastomeric

Sub-Structure

Founding Strata : Rocky

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 : protection work wit PCC block provided

Bank Protection Right Side of Up-stream : protection work wit PCC block provided

Bank Protection Left Side of Down-stream : protection work wit PCC block provided

Bank Protection Right Side of Down-stream : protection work wit PCC block provided

Floor Protection on Up-stream : no protection work provided

Floor Protection on Down-stream : no protection work provided

Tratment for Corrosion Protection (if any) : Bridge has been painted

final

Name of JE/AAE :

