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 Div Dehradun Division

Bridge Inventory Report

Division: NH Div 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
Work Code(s) : --
Geometric
Overall length (in meter) : 68.00
Total No of Span : 1
Maximuam Span (in meter) : 68.00
Span Arragment : 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
Approch 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
Expension 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 :