

ID :1328 Barni Gaad \_ \_ \_ \_ \_

on Chainage 87.358 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 Badkot Division

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## Bridge Inventory Report

Division: NH Badkot

Data not-yet finalized

### General

Name of Division : 62

Revenue Block Name : 28

Chainage (at Mid Point) : 87.358

Road/ Segment Name : 9

Bridge Type : Motor Bridge High Level

Structure No : 88/1

Feature Intersected : Barni Gaad

Name of Bridge : Barni Gaad

Nearest Town : Barni Gaad

Latitude (Northing) : 30.72073600

Longitude (Easting) : 78.08494300

Construction Year : 1954

Inventory Year : 2021

### Geometric

Overall length (in meter) : 30.00

Total No of Span : 1

Maximum Span (in meter) : 30.00

Span Arrangement : 30.00

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) : 6.000

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 : 0.0

Design Loading : Class B

Load Rating : NA

Super-Structure

Superstructure Type : Truss

Superstructure Material : Steel

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Steel rolled section

Bearing type : Roller & Rocker

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 with PCC block provided

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

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

Bank Protection Right Side of Down-stream : Protection work with PCC block 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) : Bridge has been painted.

final

Name of JE/AAE :

