

ID :1181 Pathali Hagad bridge \_ \_ \_ \_ \_

on Chainage 68.705 of Gopeshwar Ukhimath Baramwari national highway

In District Rudraprayag Under NH Rudraprayag Division

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## Bridge Inventory Report

Division: NH Rudraprayag

Data not-yet finalized

### General

Name of Division : 131

Revenue Block Name : 16

Chainage (at Mid Point) : 68.705

Road/ Segment Name : 16

Bridge Type : Motor Bridge High Level

Structure No : 22

Feature Intersected : Local gadera

Name of Bridge : Pathali Hagad bridge

Nearest Town : Mastura

Latitude (Northing) : 30.51299600

Longitude (Easting) : 79.14903700

Construction Year : 1975

Inventory Year : 2024

### Geometric

Overall length (in meter) : 25.75

Total No of Span : 1

Maximum Span (in meter) : 25.75

Span Arragment : 1\*25.75

No of Lane : 1.000

Overall Width (m) : 4.850

Carriageway Width (m) : 4.150

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approch Width i/c Shoulders (m) : 4.850

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 : Class B

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

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 : no protection work provided

Bank Protection Right Side of Up-stream : no protection work provided

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 : no protection work provided

Floor Protection on Down-stream : no protection work provided

Treatment for Corrosion Protection (if any) : no special treatment provided

final

Name of JE/AAE : Er. Anand Prasad raturi

