

ID :212 Givadi gau bridge \_ \_ \_ \_ \_

on Chainage 33.350 of Rudraprayag Gorikund 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) : 33.350

Road/ Segment Name : 8

Bridge Type : Motor Bridge High Level

Structure No : 12

Feature Intersected : Givadi Nala

Name of Bridge : Givadi gau bridge

Nearest Town : kund

Latitude (Northing) : 30.47878100

Longitude (Easting) : 79.08477600

Construction Year : 2010

Inventory Year : 2024

### Geometric

Overall length (in meter) : 36.00

Total No of Span : 1

Maximum Span (in meter) : 36.00

Span Arrangement : 1\*36

No of Lane : 2.000

Overall Width (m) : 13.100

Carriageway Width (m) : 8.500

RS Footpath Width (m) : 1.500

LS Footpath Width (m) : 1.500

Approach Width i/c Shoulders (m) : 12.700

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 A

Load Rating : Class A

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Cast-in-situ concrete

Bearing type : POT PIN

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Raft

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : RCC buttressed type

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. Pushkar Pal Singh Bisht

