

ID :1405 Gaadi Gadhera bridge \_ \_ \_ \_ \_

on Chainage 4.625 of Birahi Gauna state highway

In District Chamoli Under PD Gopeshwar Division

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## Bridge Inventory Report

Division: PD Gopeshwar

Data not-yet finalized

### General

Name of Division : 8

Revenue Block Name : 8

Chainage (at Mid Point) : 4.625

Road/ Segment Name : 160

Bridge Type : Motor Bridge High Level

Structure No : 5/1

Feature Intersected : Gaadi gadera

Name of Bridge : Gaadi Gadhera bridge

Nearest Town : Gaadi

Latitude (Northing) : 30.38458333

Longitude (Easting) : 79.41925278

Construction Year : 1971

Inventory Year : 2020

### Geometric

Overall length (in meter) : 36.70

Total No of Span : 1

Maximum Span (in meter) : 36.70

Span Arrangement : 1X36.70

No of Lane : 1.000

Overall Width (m) : 5.950

Carriageway Width (m) : 4.250

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 5.950

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 A

Load Rating : Class A

Super-Structure

Superstructure Type : Truss

Superstructure Material : Steel

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Asphaltic Plug Joint

Railing/Crash Barrier type : Steel rolled section

Bearing type : POT PIN

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 : Plum Concrete Blocks 2 Layers and Gabions 2 Layers

Bank Protection Right Side of Up-stream : Plum Concrete Blocks

Bank Protection Left Side of Down-stream : Plum Concrete Blocks 2 Layers and Gabions 2 Layers

Bank Protection Right Side of Down-stream : Plum Concrete Blocks 2 Layers and Gabions 2 Layers

Floor Protection on Up-stream : None

Floor Protection on Down-stream : None

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

final

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