

ID :1405 Gaadi Gadhera bridge _ _ _ _ _
on Chainage 4.625 of Birahi Gauna state highway
In District Chamoli Under PD Gopeshwar Division

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 B

Load Rating : Class B

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 : 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 : 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

Name of JE/AAE :

