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
Work Code(s) : 8W387
Geometric
Overall length (in meter) : 36.70
Total No of Span : 1
Maximuam Span (in meter) : 36.70
Span Arragment : 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
Approch 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
Expension 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
Tratment for Corrosion Protection (if any) : no special treatment provided (only Paint)
final
Name of JE/AAE :

