ID :7 Steel Girder Bridge in Bamnath Gad km 76 __ __ __ __ __

on Chainage 76.825 of Rudraprayag Pokhari Gopeshwar state highway

In District Chamoli Under CD Pokhari Division

Bridge Inventory Report

Division: CD Pokhari

Data not-yet finalized

General
Name of Division : 128
Revenue Block Name : 10
Chainage (at Mid Point) : 76.825
Road/ Segment Name : 78
Bridge Type : Motor Bridge High Level
Structure No : 76/1
Feature Intersected : Bamnath Gad
Name of Bridge : Steel Girder Bridge in Bamnath Gad km 76
Nearest Town : Nagnath Pokhari
Latitude (Northing) : 30.36379000
Longitude (Easting) : 79.23590400
Construction Year : 1980
Inventory Year : 2020
Work Code(s) : --
Geometric
Overall length (in meter) : 24.32
Total No of Span : 1
Maximuam Span (in meter) : 24.32
Span Arragment : 1x24.32
No of Lane : 1.000
Overall Width (m) : 5.000
Carriageway Width (m) : 4.270
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 6.000
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 : Plate Girder
Superstructure Material : Reinforced concrete
Wearing Coat Type : Cement Concrete
Expension Joint Type : Filler
Railing/Crash Barrier type : Cast-in-situ concrete
Bearing type : Roller & Rocker
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Raft
Pier Foundation Type : NA
No of Piers : 0
Abutment Type : Stone Masonry
Pier Type : RCC Solid
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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Er. Mohit Mishra