

ID :6 Steel Girder Bridge in Nigol River km 66 _ _ _ _ _

on Chainage 66.000 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) : 66.000

Road/ Segment Name : 78

Bridge Type : Motor Bridge High Level

Structure No : 66/2

Feature Intersected : Nigol River

Name of Bridge : Steel Girder Bridge in Nigol River km 66

Nearest Town : Nagnath Pokhari

Latitude (Northing) : 30.41431500

Longitude (Easting) : 79.20691300

Construction Year : 1983

Inventory Year : 2020

Geometric

Overall length (in meter) : 27.36

Total No of Span : 1

Maximum Span (in meter) : 27.36

Span Arrangement : 1x27.36

No of Lane : 1.000

Overall Width (m) : 5.000

Carriageway Width (m) : 4.250

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach 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 : Solid slab
Superstructure Material : Reinforced concrete
Wearing Coat Type : Cement Concrete
Expansion Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Steel rolled section
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 : 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. Mohit Mishra

