

ID :5 R.C.C Bridge in Palotha Gad 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 : 66/1

Feature Intersected : Palotha Gad

Name of Bridge : R.C.C Bridge in Palotha Gad km 66

Nearest Town : NAGNATH POKHARI

Latitude (Northing) : 30.41074600

Longitude (Easting) : 79.20374900

Construction Year : 1984

Inventory Year : 2020

Geometric

Overall length (in meter) : 14.24

Total No of Span : 1

Maximum Span (in meter) : 14.24

Span Arrangement : 1x14.24

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

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 : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Not Provided

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 : NA

Protection Work

Bank Protection Left Side of Up-stream : no protection work provided

Bank Protection Right Side of Up-stream : Plum Concrete protection.

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

