

ID :1393 Baalkhila Gadera Bridge _ _ _ _ _

on Chainage 2.300 of Nandapryag Chamoli via Sabrisain motor road (Alternat route of Char Dham Yatra)

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) : 2.300

Road/ Segment Name : 1881

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Baalkhila Gadera

Name of Bridge : Baalkhila Gadera Bridge

Nearest Town : Baalkhila Village

Latitude (Northing) : 30.38750000

Longitude (Easting) : 79.31722000

Construction Year : 2003

Inventory Year : 2020

Geometric

Overall length (in meter) : 42.50

Total No of Span : 1

Maximum Span (in meter) : 42.50

Span Arragment : 1x42.50

No of Lane : 1.000

Overall Width (m) : 4.850

Carriageway Width (m) : 4.250

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approch Width i/c Shoulders (m) : 5.750

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 A

Load Rating : Class A

Super-Structure

Superstructure Type : Truss

Superstructure Material : Steel

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Not Provided

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 : 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 Dhani Lal Sah (JE)

