

ID :1023 Chaudarola bridge _ _ _ _

on Chainage 68.220 of Late Shri Geetaram Pokhriyal state highway (Marchula Saraikhet Baijro Pokhra Satpuli Pauri state highway)

In District Almora Under PD Ranikhet Division

Bridge Inventory Report

Division: PD Ranikhet

Data not-yet finalized

General

Name of Division : 3

Revenue Block Name : 61

Chainage (at Mid Point) : 68.220

Road/ Segment Name : 62

Bridge Type : Motor Bridge High Level

Structure No : 69/1

Feature Intersected : chaudrola gadhera

Name of Bridge : Chaudarola bridge

Nearest Town : kulanteswer

Latitude (Northing) : 29.87492400

Longitude (Easting) : 79.11386900

Construction Year : 1978

Inventory Year : 2021

Geometric

Overall length (in meter) : 14.00

Total No of Span : 1

Maximum Span (in meter) : 14.00

Span Arrangement : 1x14.00

No of Lane : 1.000

Overall Width (m) : 4.230

Carriageway Width (m) : 4.230

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 : 1715.270

OFL Ordinary Flood Level : 1713.000

LWL Low Water Level : 1712.520

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 : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Other

Railing/Crash Barrier type : Cast-in-situ concrete

Bearing type : Not Provided

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Open

Pier Foundation Type : other

No of Piers : 0

Abutment Type : Stone Masonry

Pier Type : other

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 :

