

ID :3520 Katolarola Bridge _ _ _ _ _

on Chainage 71.005 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) : 71.005

Road/ Segment Name : 62

Bridge Type : Motor Bridge High Level

Structure No : 71/1

Feature Intersected : katorola gadhra

Name of Bridge : Katolarola Bridge

Nearest Town : Saraikhet

Latitude (Northing) : 29.88671000

Longitude (Easting) : 79.11710900

Construction Year : 1950

Inventory Year : 2025

Geometric

Overall length (in meter) : 7.00

Total No of Span : 1

Maximuam Span (in meter) : 7.00

Span Arragment : 1X7

No of Lane : 1.000

Overall Width (m) : 4.250

Carriageway Width (m) : 3.750

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approch Width i/c Shoulders (m) : 4.250

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 1754.920

OFL Ordinary Flood Level : 1754.000

LWL Low Water Level : 1753.870

Design Velocity (m/Sec) : 1.06

Design Discharge (Cumecs) : 5.00

Soffit Level at Centre : 2.500

Road Level at Centre : 4.800

Design Scour Level at Pier : 0.000

Design Scour Level at Abutments : 0.000

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 : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Not Provided

Bearing type : Not Provided

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : Raft

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

Treatment for Corrosion Protection (if any) : no special treatment provided

final

Name of JE/AEE :

