

ID :3680 Patirola bridge _ _ _ _

on Chainage 6.900 of Maharoli Chitodkhal Motor Road

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) : 6.900

Road/ Segment Name : 707

Bridge Type : Motor Bridge High Level

Structure No : 7/1

Feature Intersected : Patirola gadhera

Name of Bridge : Patirola bridge

Nearest Town : kantarithor

Latitude (Northing) : 29.82902800

Longitude (Easting) : 79.14624500

Construction Year : 2024

Inventory Year : 2025

Geometric

Overall length (in meter) : 12.00

Total No of Span : 1

Maximum Span (in meter) : 12.00

Span Arrangement : 1x12

No of Lane : 1.500

Overall Width (m) : 5.800

Carriageway Width (m) : 5.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 6.500

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 1150.000

OFL Ordinary Flood Level : 1149.000

LWL Low Water Level : 1148.500

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 : Solid slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Other

Railing/Crash Barrier type : Steel rolled section

Bearing type : Not Provided

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 : pulm and gabbies

Bank Protection Right Side of Up-stream : plum and gabbians

Bank Protection Left Side of Down-stream : no protection work proved

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

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

final

Name of JE/AAE :

