

ID :3519 Sauni Bridge _ _ _ _ _

on Chainage 47.006 of road unknown

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 : 64

Chainage (at Mid Point) : 47.006

Road/ Segment Name :

Bridge Type : Motor Bridge Submersible

Structure No : 47/1

Feature Intersected : Local Gadhera (Kunigard)

Name of Bridge : Sauni Bridge

Nearest Town : Sauni

Latitude (Northing) : 29.62407400

Longitude (Easting) : 79.34931200

Construction Year : 1950

Inventory Year : 2025

Geometric

Overall length (in meter) : 17.00

Total No of Span : 1

Maximum Span (in meter) : 17.00

Span Arragment : 1X17

No of Lane : 1.000

Overall Width (m) : 4.500

Carriageway Width (m) : 4.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approch Width i/c Shoulders (m) : 4.500

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 1500.000

OFL Ordinary Flood Level : 1100.000

LWL Low Water Level : 1000.000

Design Velocity (m/Sec) : 5.49

Design Discharge (Cumecs) : 0.00

Soffit Level at Centre : 0.000

Road Level at Centre : 0.000

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 : Arch

Superstructure Material : Masonry

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : other

Bearing type : Not Provided

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : other

No of Piers : 0

Abutment Type : Stone Masonry

Pier Type : Stone Masonry

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 :

