

ID :1255 Bailey Bridge \_ \_ \_ \_ \_

on Chainage 0.400 of From km 7 of Masi Aadigaon Jaurasi motor road to Shahid Mohan Ch. Sharma's village Timilgaon link road

In District Almora Under CD Ranikhet Division

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## Bridge Inventory Report

Division: CD Ranikhet

Data not-yet finalized

### General

Name of Division : 4

Revenue Block Name : 62

Chainage (at Mid Point) : 0.400

Road/ Segment Name : 5773

Bridge Type : Road Over Bridge

Structure No : 1/1

Feature Intersected : bogard nala

Name of Bridge : Bailey Bridge

Nearest Town : Masi

Latitude (Northing) : 29.82433611

Longitude (Easting) : 79.27797778

Construction Year : 2016

Inventory Year : 2021

### Geometric

Overall length (in meter) : 20.00

Total No of Span : 1

Maximum Span (in meter) : 18.00

Span Arrangement : 1x20

No of Lane : 1.000

Overall Width (m) : 4.500

Carriageway Width (m) : 4.250

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 6.800

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 855.000

OFL Ordinary Flood Level : 850.000

LWL Low Water Level : 849.000

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 : NA

Load Rating : NA

Super-Structure

Superstructure Type : Bailey

Superstructure Material : Steel

Wearing Coat Type : Not Provided

Expansion Joint Type : Not Provided

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 : no protection work provided

Bank Protection Right Side of Up-stream : plum concrete

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. Vijaypal Singh

