

ID :738 Bailey Bridge in km 1 of Harshil Mukhwa Jangla Motor Road _____

on Chainage 0.500 of Harshil-Mukhwa-Jangla Motor Road

In District Uttarkashi Under PD Bhatwari Division

Bridge Inventory Report

Division: PD Bhatwari

Data not-yet finalized

General

Name of Division : 31

Revenue Block Name : 6

Chainage (at Mid Point) : 0.500

Road/ Segment Name : 5229

Bridge Type : Motor Bridge High Level

Structure No : 0/1

Feature Intersected : Bhagirathi River

Name of Bridge : Bailey Bridge in km 1 of Harshil Mukhwa Jangla Motor Road

Nearest Town : Harshil

Latitude (Northing) : 31.03500000

Longitude (Easting) : 78.75020000

Construction Year : 1986

Inventory Year : 2021

Geometric

Overall length (in meter) : 42.00

Total No of Span : 1

Maximum Span (in meter) : 42.00

Span Arrangement : 1x42

No of Lane : 1.000

Overall Width (m) : 4.250

Carriageway Width (m) : 4.250

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach 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 :

OFL Ordinary Flood Level :

LWL Low Water Level :

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 : Bailey

Superstructure Material : Steel

Wearing Coat Type : Not Provided

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Not Provided

Bearing type : Elastomeric

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

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 : 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 :

