

ID :2228 Steel truss Pedestrian bridge over Bhagirathi river at Naluna _ _ _ _ _

on Chainage 60.000 of road unknown

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) : 60.000

Road/ Segment Name :

Bridge Type : Pedestrian Bridge

Structure No : 1/1

Feature Intersected : Bhagirathi River

Name of Bridge : Steel truss Pedestrian bridge over Bhagirathi river at Naluna

Nearest Town : Naluna

Latitude (Northing) : 30.75619400

Longitude (Easting) : 78.57905400

Construction Year : 2020

Inventory Year : 2020

Geometric

Overall length (in meter) : 110.00

Total No of Span : 1

Maximum Span (in meter) : 110.00

Span Arrangement : 1x110M

No of Lane : 1.000

Overall Width (m) : 2.500

Carriageway Width (m) : 2.100

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 3.000

Gradient (%age) : 1

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 1436.917

OFL Ordinary Flood Level : 1432.700

LWL Low Water Level : 1431.500

Design Velocity (m/Sec) : 21.51

Design Discharge (Cumecs) : 1460.00

Soffit Level at Centre :

Road Level at Centre :

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Moderate

Seismic Importance factor : 0.0

Design Loading : Footpath Live Load

Load Rating : NA

Super-Structure

Superstructure Type : Truss

Superstructure Material : Steel

Wearing Coat Type : Not Provided

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Tubular steel

Bearing type : Elastomeric

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : other

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 :

