

ID :272 Lastargaad Bridge No. 1 _ _ _ _ _

on Chainage 10.000 of Mayali Guptkashi (Jakholi-Bhiri-Guptkashi & Mayali-Jakholi) state highway

In District Rudraprayag Under PD Rudraprayag Division

Bridge Inventory Report

Division: PD Rudraprayag

Data not-yet finalized

General

Name of Division : 39

Revenue Block Name : 18

Chainage (at Mid Point) : 10.000

Road/ Segment Name : 68

Bridge Type : Motor Bridge High Level

Structure No : 10/1

Feature Intersected : Lastargaad

Name of Bridge : Lastargaad Bridge No. 1

Nearest Town : Mayali

Latitude (Northing) : 30.42172500

Longitude (Easting) : 78.91741900

Construction Year : 2001

Inventory Year : 2021

Geometric

Overall length (in meter) : 48.00

Total No of Span : 1

Maximum Span (in meter) : 48.00

Span Arrangement : 1x48

No of Lane : 1.000

Overall Width (m) : 3.750

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 : Truss
Superstructure Material : Steel
Wearing Coat Type : Cement Concrete
Expansion Joint Type : Not Provided
Railing/Crash Barrier type : Tubular steel
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 : Satpal Rangar

