

ID :1877 Baijnath bridge \_ \_ \_ \_ \_

on Chainage 67.950 of Karnaprayag (Shimli) Gwaldam Bageshwar Chokodi Thal Munsyari Joljivi state highway

In District Bageshwar Under PD Bageshwar Division

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Bridge Inventory Report

Division: PD Bageshwar

Data not-yet finalized

General

Name of Division : 5

Revenue Block Name : 73

Chainage (at Mid Point) : 67.950

Road/ Segment Name : 55

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Gomati River

Name of Bridge : Baijnath bridge

Nearest Town : Baijnath

Latitude (Northing) : 29.90730600

Longitude (Easting) : 79.61394400

Construction Year : 1954

Inventory Year : 2020

Geometric

Overall length (in meter) : 41.50

Total No of Span : 1

Maximum Span (in meter) : 41.50

Span Arrangement : 1x41.500

No of Lane : 1.000

Overall Width (m) : 4.750

Carriageway Width (m) : 4.250

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 4.750

Gradient (%age) : 5

Skew Angle (degree) : 1.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 104.000

OFL Ordinary Flood Level : 101.800

LWL Low Water Level : 101.000

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 : Class A

Load Rating : Class A

Super-Structure

Superstructure Type : Truss

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : Roller & Rocker

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 : 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/AEE : Ravindra Krishna Jalal

