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

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
Work Code(s) : --
Geometric
Overall length (in meter) : 41.50
Total No of Span : 1
Maximuam Span (in meter) : 41.50
Span Arragment : 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
Approch 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
Expension 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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Ravindra Krishna Jalal