ID :3516 Baarjoi __ __ __ __ __

on Chainage 45.300 of BhatraujKhan Ganai Chaukhutia state highway

In District Almora Under CD Ranikhet Division

Bridge Inventory Report

Division: CD Ranikhet

Data not-yet finalized

General
Name of Division : 4
Revenue Block Name : 62
Chainage (at Mid Point) : 45.300
Road/ Segment Name : 101
Bridge Type : Motor Bridge High Level
Structure No : 46/8
Feature Intersected : Ramganga River
Name of Bridge : Baarjoi
Nearest Town : Chakhutiya
Latitude (Northing) : 29.81456700
Longitude (Easting) : 79.28114800
Construction Year : 1965
Inventory Year : 2024
Work Code(s) : 4W651
Geometric
Overall length (in meter) : 8.00
Total No of Span : 1
Maximuam Span (in meter) : 6.00
Span Arragment : 1*6
No of Lane : 1.000
Overall Width (m) : 5.200
Carriageway Width (m) : 4.250
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 2.000
Gradient (%age) : 0
Skew Angle (degree) : 0.00
Radius of Curve in Plan (if Any) : 0.00
Design Data
HFL Highest Flood Level : 104.000
OFL Ordinary Flood Level : 106.000
LWL Low Water Level : 101.500
Design Velocity (m/Sec) : 0.00
Design Discharge (Cumecs) : 0.00
Soffit Level at Centre : 0.000
Road Level at Centre : 0.000
Design Scour Level at Pier : 0.000
Design Scour Level at Abutments : 0.000
Exposure Condition : Severe

Seismic Importance factor : 0.0
Design Loading : Class B
Load Rating : Class B
Super-Structure
Superstructure Type : T-beam and slab
Superstructure Material : Reinforced concrete
Wearing Coat Type : Cement Concrete
Expension Joint Type : Not Provided
Railing/Crash Barrier type : Cast-in-situ concrete
Bearing type : Not Provided
Sub-Structure
Founding Strata : Soft clayey
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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Harish Singh NEGI

