ID :2084 Bridge on sonali river of 271m span __ __ __ __ __

on Chainage 10.735 of Roorkee Landhora Laksar Balawali state highway

In District Haridwar Under CD Laksar Division

Bridge Inventory Report

Division: CD Laksar

Data not-yet finalized

General
Name of Division : 129
Revenue Block Name : 94
Chainage (at Mid Point) : 10.735
Road/ Segment Name : 87
Bridge Type : Motor Bridge High Level
Structure No : 02
Feature Intersected : Sonali River
Name of Bridge : Bridge on sonali river of 271m span
Nearest Town : Kuankheda mohammadpur
Latitude (Northing) : 29.78039722
Longitude (Easting) : 77.96169722
Construction Year : 1987
Inventory Year : 2022
Work Code(s) : --
Geometric
Overall length (in meter) : 271.00
Total No of Span : 9
Maximuam Span (in meter) : 30.25
Span Arragment : 7*30.25+2*29.36
No of Lane : 2.000
Overall Width (m) : 8.350
Carriageway Width (m) : 7.600
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 9.800
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 A
Load Rating : Class A
Super-Structure
Superstructure Type : T-beam and slab
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 : POT PIN
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Open
Pier Foundation Type : Well
No of Piers : 0
Abutment Type : Stone Masonry
Pier Type : RCC Solid
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 :