ID :441 Lal Pul __ __ __ __ __

on Chainage 0.500 of Dehradun Mussoorie state highway.

In District Dehradun Under CD Dehradun Division

Bridge Inventory Report

Division: CD Dehradun

Data not-yet finalized

General
Name of Division : 54
Revenue Block Name : 32
Chainage (at Mid Point) : 0.500
Road/ Segment Name : 35
Bridge Type : Motor Bridge High Level
Structure No : 1/1
Feature Intersected : Bindal River
Name of Bridge : Lal Pul
Nearest Town : Dehradun
Latitude (Northing) : 30.30680556
Longitude (Easting) : 78.01611111
Construction Year : 2003
Inventory Year : 2021
Work Code(s) : --
Geometric
Overall length (in meter) : 39.00
Total No of Span : 2
Maximuam Span (in meter) : 19.50
Span Arragment : 2x19.50
No of Lane : 4.000
Overall Width (m) : 18.000
Carriageway Width (m) : 17.000
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 18.000
Gradient (%age) : 1
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 : Bituminous Concrete
Expension Joint Type : Other
Railing/Crash Barrier type : Steel rolled section
Bearing type : Neoprene
Sub-Structure
Founding Strata : Bouldery
Abutment Foundation Type : Well
Pier Foundation Type : Well
No of Piers : 1
Abutment Type : RCC buttressed type
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 :