ID :1135 Salawala Bridge __ __ __ __ __

on Chainage 350.000 of New Cantt Road

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) : 350.000
Road/ Segment Name : 264
Bridge Type : Motor Bridge High Level
Structure No : 1/1
Feature Intersected : Local Nala
Name of Bridge : Salawala Bridge
Nearest Town : Hathibadkala
Latitude (Northing) : 30.33845000
Longitude (Easting) : 78.05244000
Construction Year : 1920
Inventory Year : 2021
Work Code(s) : --
Geometric
Overall length (in meter) : 15.00
Total No of Span : 1
Maximuam Span (in meter) : 15.00
Span Arragment : 1X15
No of Lane : 1.500
Overall Width (m) : 7.500
Carriageway Width (m) : 5.000
RS Footpath Width (m) : 1.000
LS Footpath Width (m) : 1.000
Approch Width i/c Shoulders (m) : 7.000
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 : Severe

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 : NA
No of Piers : 0
Abutment Type : Stone Masonry
Pier Type : NA
Protection Work
Bank Protection Left Side of Up-stream : Stone masonry
Bank Protection Right Side of Up-stream : Stone masonry/ Wire create
Bank Protection Left Side of Down-stream : no protection work provided
Bank Protection Right Side of Down-stream : Stone masonry
Floor Protection on Up-stream : Not provided
Floor Protection on Down-stream : Not Provided
Tratment for Corrosion Protection (if any) : Anti corrosive paint
final
Name of JE/AAE :