ID :362 malsi bridge __ __ __ __ __

on Chainage 13.900 of Dehradun Mussoorie state highway.

In District Dehradun Under PD Dehradun Division

Bridge Inventory Report

Division: PD Dehradun

Data not-yet finalized

General
Name of Division : 51
Revenue Block Name : 31
Chainage (at Mid Point) : 13.900
Road/ Segment Name : 35
Bridge Type : Motor Bridge High Level
Structure No : 14/2
Feature Intersected : karligad river
Name of Bridge : malsi bridge
Nearest Town : dehradun
Latitude (Northing) : 30.39012100
Longitude (Easting) : 78.07373800
Construction Year : 1955
Inventory Year : 2021
Work Code(s) : ADB
Geometric
Overall length (in meter) : 25.00
Total No of Span : 1
Maximuam Span (in meter) : 25.00
Span Arragment : 1x25.0
No of Lane : 1.500
Overall Width (m) : 6.600
Carriageway Width (m) : 6.000
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
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 : Moderate

Seismic Importance factor : 1.0
Design Loading : Class B
Load Rating : Class B
Super-Structure
Superstructure Type : Truss
Superstructure Material : Reinforced concrete
Wearing Coat Type : Bituminous Concrete
Expension Joint Type : Other
Railing/Crash Barrier type : Cast-in-situ concrete
Bearing type : Elastomeric
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 : 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 : Rajjak Aehmad

