ID :370 unison bridge __ __ __ __ __

on Chainage 0.250 of Unison School road to Kirsali Gaon road

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) : 0.250
Road/ Segment Name : 1338
Bridge Type : Motor Bridge High Level
Structure No : 1/1
Feature Intersected : local nala
Name of Bridge : unison bridge
Nearest Town : dehradun
Latitude (Northing) : 30.39862100
Longitude (Easting) : 78.07918500
Construction Year : 2018
Inventory Year : 2021
Work Code(s) : --
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 : 2.000
Overall Width (m) : 12.000
Carriageway Width (m) : 7.500
RS Footpath Width (m) : 1.800
LS Footpath Width (m) : 1.800
Approch Width i/c Shoulders (m) : 7.500
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 : Truss
Superstructure Material : Composite
Wearing Coat Type : Cement Concrete
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Pre-cast concrete
Bearing type : Roller & Rocker
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Raft
Pier Foundation Type : NA
No of Piers : 0
Abutment Type : RCC counterfort type
Pier Type : NA
Protection Work
Bank Protection Left Side of Up-stream : plum wall protection work
Bank Protection Right Side of Up-stream : plum wall protection work
Bank Protection Left Side of Down-stream : plum wall protection work
Bank Protection Right Side of Down-stream : plum wall protection work
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

