

ID :370 unison bridge \_ \_ \_ \_ \_

on Chainage 0.250 of Unison School road to Kirsali Gaon road

In District Dehradun Under PD Dehradun Division

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## 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

### Geometric

Overall length (in meter) : 25.00

Total No of Span : 1

Maximum Span (in meter) : 25.00

Span Arrangement : 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

Approach 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

Expansion 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

Treatment for Corrosion Protection (if any) : no special treatment provided

final

Name of JE/AAE : Rajjak Aehmad

