

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

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

