

ID :1184 Tapowan Bridge _ _ _ _ _

on Chainage 1.250 of Kesarwala-Bajet Road

In District Dehradun Under TD Rishikesh Division

Bridge Inventory Report

Division: TD Rishikesh

Data not-yet finalized

General

Name of Division : 53

Revenue Block Name : 32

Chainage (at Mid Point) : 1.250

Road/ Segment Name : 1358

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Rao River

Name of Bridge : Tapowan Bridge

Nearest Town : Tapowan

Latitude (Northing) : 30.33273500

Longitude (Easting) : 78.08396200

Construction Year : 2019

Inventory Year : 2021

Geometric

Overall length (in meter) : 20.00

Total No of Span : 1

Maximum Span (in meter) : 20.00

Span Arrangement : 1x20.00

No of Lane : 3.000

Overall Width (m) : 11.500

Carriageway Width (m) : 10.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 10.000

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 AA

Load Rating : Class A

Super-Structure

Superstructure Type : Solid slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : POT PIN

Sub-Structure

Founding Strata : Sandy

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 : 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

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

final

Name of JE/AAE :

