ID :2657 Bhuttowala Bridge __ __ __ __ __

on Chainage 1.005 of Gumaniwala wala Road stage 1 & 2

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 : 33
Chainage (at Mid Point) : 1.005
Road/ Segment Name : 1399
Bridge Type : Motor Bridge High Level
Structure No : 1/1
Feature Intersected : Bangala Nala
Name of Bridge : Bhuttowala Bridge
Nearest Town : Bhuttowala
Latitude (Northing) : 30.07173000
Longitude (Easting) : 78.23605800
Construction Year : 2003
Inventory Year : 2022
Work Code(s) : --
Geometric
Overall length (in meter) : 24.00
Total No of Span : 1
Maximuam Span (in meter) : 24.00
Span Arragment : 1x24
No of Lane : 1.000
Overall Width (m) : 4.720
Carriageway Width (m) : 4.260
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 6.000
Gradient (%age) : 6
Skew Angle (degree) : 0.00
Radius of Curve in Plan (if Any) : 0.00
Design Data
HFL Highest Flood Level : 331.000
OFL Ordinary Flood Level : 329.000
LWL Low Water Level : 327.500
Design Velocity (m/Sec) :
Design Discharge (Cumecs) :
Soffit Level at Centre :
Road Level at Centre : 334.000
Design Scour Level at Pier :
Design Scour Level at Abutments :
Exposure Condition : Moderate

Seismic Importance factor : 0.0
Design Loading : Class B
Load Rating : Class B
Super-Structure
Superstructure Type : Truss
Superstructure Material : Reinforced concrete
Wearing Coat Type : Cement Concrete
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Steel rolled section
Bearing type : Roller & Rocker
Sub-Structure
Founding Strata : Bouldery
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 : R.R. Stone Masonry
Bank Protection Right Side of Up-stream : R.R. Stone Masonry
Bank Protection Left Side of Down-stream : R.R. Stone Masonry
Bank Protection Right Side of Down-stream : R.R. Stone Masonry
Floor Protection on Up-stream : no protection work provided
Floor Protection on Down-stream : Plum Concrete
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE :

